2025 CCR ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
MULTI-UNIT ASH POND SYSTEM
HARDING STREET STATION

AME PROJECT NUMBER: JZ2348.380
PREPARED FOR:

Mr. Tim Haley
Associate General Counsel
AES US Services, LLC
One Monument Circle, Suite 701A
Indianapolis, Indiana 46204-2901 47567

PREPARED BY:

August Mack Environmental, Inc.
1302 North Meridian Street, Suite 300
Indianapolis, Indiana 46202

ISSUE DATE:

January 30, 2026

August Mack
ENVIRONMENTAL

August Mack
ENVIRONMENTAL
1302 North Meridian Street, Suite 300 ▪ Indianapolis, IN 46202
augustmack.com

January 30, 2026

Mr. Tim Haley
Associate General Counsel
AES US Services, LLC
One Monument Circle, Suite 701A
Indianapolis, Indiana 46204-2901 47567

Re: 2025 CCR Annual Groundwater Monitoring and Corrective Action Report
Indianapolis Power & Light Company d/b/a AES Indiana
Harding Street Station – Multi-Unit Ash Pond System
Indianapolis, Indiana
August Mack Project Number JZ2371.380

Dear Mr. Haley:

August Mack Environmental, Inc. (August Mack), on behalf of Indianapolis Power & Light Company d/b/a AES Indiana (AESI), has prepared this 2025 CCR Annual Groundwater Monitoring and Corrective Action Report for the Multi-Unit Ash Pond System (APS) at the AESI Harding Street Station (HSS) in Indianapolis, Marion County, Indiana. This report has been prepared to comply with reporting requirements described in the United States Environmental Protection Agency's (U.S. EPA) Coal Combustion Residuals (CCR) Rule § 257.90(e). This annual report documents the status of the groundwater monitoring and corrective action program for the APS and includes information required by § 257.90(e)(1) through § 257.90(e)(6).

We appreciate the opportunity to assist with AESI's CCR Rule groundwater monitoring program at the HSS APS. We look forward to the opportunity of continuing to work with you on this project. Please call one of the undersigned at 317.916.8000 if you have any questions regarding this report.

Sincerely,

Steven Faulk
Project Manager

Mark E. Breting, L.P.G.
Senior Manager

Copies: Ms. Pilar Cuadra, AES US Services, LLC
Mr. Nicholas Williams, AES US Services, LLC

**2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
MULTI-UNIT ASH POND SYSTEM
HARDING STREET STATION
3700 SOUTH HARDING STREET
INDIANAPOLIS, INDIANA 46217
AUGUST MACK PROJECT NUMBER JZ2371.380**

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 OVERVIEW OF THE CURRENT STATUS OF THE GWMCA UNIT 1

2.1 Summary of Reporting Requirements 3

2.2 Key Actions Completed During Reporting Period 4

3.0 SATISFACTION OF REPORTING REQUIREMENTS BY STATUTE 5

3.1 Depiction of CCR Unit and Monitoring Wells 5

3.2 Summary of all Installed/Decommissioned Monitoring Wells 5

3.3 Summary of Samples Collected 6

3.4 Discussion of Monitoring Program Transitions 7

3.5 Other Information 8

3.6 Overview of the Current Status of the GWMCA Unit 8

4.0 STATISTICAL EVALUATION PROCEDURES 9

4.1 Statistical Evaluation Methodology 9

4.2 Background Data 10

4.3 Statistical Tests 11

4.3.1 Interwell Statistical Comparisons 11

4.3.2 False Positive Rates and Statistical Power 12

4.3.3 Background Sample Size 12

4.3.4 Appendix IV Assessment Monitoring – Determining GWPS Exceedances 12

5.0 PROJECTED KEY ACTIVITIES FOR UPCOMING REPORTING YEAR 13

List of Figures

Figure 1: Site Vicinity Map
Figure 2: Site Plan

List of Tables

Table 1: Monitoring Well Sampling Summary
Table 2A: Monitoring Well Gauging Data (May 2025)
Table 2B: Monitoring Well Gauging Data (November 2025)
Table 3: Analytical Results Summary November 2024
Table 4: Analytical Results Summary May 2025
Table 5A: Groundwater Protection Standards Shallow Zone
Table 5B: Groundwater Protection Standards Intermediate Zone
Table 5C: Groundwater Protection Standards Deep Zone

List of Appendices

Appendix A: Groundwater Flow Maps and Velocity Calculations
Appendix B: Laboratory Analytical Reports
Appendix C: Prediction Limits Backup Documentation
Appendix D: 95% Lower Confidence Limit Backup Documentation

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT MULTI-UNIT ASH POND SYSTEM HARDING STREET STATION 3700 SOUTH HARDING STREET INDIANAPOLIS, INDIANA 46217 AUGUST MACK PROJECT NUMBER JZ2371.380

1.0 INTRODUCTION

August Mack Environmental, Inc. (August Mack) has prepared this 2025 CCR Annual Groundwater Monitoring and Corrective Action (GWMCA) Report for the Multi-Unit Ash Pond System (APS) at the AESI Harding Street Station (HSS) in Indianapolis, Marion County, Indiana. This report has been prepared to comply with reporting requirements described in the United States Environmental Protection Agency's (U.S. EPA) Coal Combustion Residuals (CCR) Rule § 257.90(e). This annual report documents the status of the groundwater monitoring and corrective action program for the APS and includes information required by § 257.90(e)(1) through § 257.90(e)(6).

2.0 OVERVIEW OF THE CURRENT STATUS OF THE APS

For the duration of the 2025 reporting period, the CCR units at the HSS APS were being monitored under the Assessment Monitoring Program defined in § 257.95. Pursuant to 40 CFR 257.94(e)(2), 257.94(e)(3) and 257.95(b), the facility had previously established an Assessment Monitoring Program in accordance with the requirements of § 257.95 on July 16, 2018. Therefore, an evaluation of statistically significant increases over background for one or more constituents listed in Appendix III to this part pursuant to § 257.94(e) was not performed in 2025.

The following Appendix IV constituents were detected at statistically significant levels (SSLs)[1] above the associated groundwater protection standards (GWPS) pursuant to § 257.95(g) for 2025 reporting period.

[1] As the November 2025 sampling data was not finalized in 2025, the SSLs provided are based on the May 2025 monitoring event.

Appendix IV Constituents Detected at SSLs Above the GWPS			
Constituents	**Shallow Aquifer Zone[2]**	**Intermediate Aquifer Zone**	**Deep Aquifer Zone**
Arsenic	MW-2S MW-2D MW-6S MW-7S MW-10S MW-12S* MW-13S MW-14D	MW-7D MW-9I MW-10S MW-10D MW-11D MW-12D MW-13D	MW-9D
Lithium	MW-2D MW-5S MW-6S MW-7S MW-8S MW-12S* MW-13S MW-14D	MW-7D MW-10D MW-11D MW-12D MW-13D	None
Molybdenum	MW-6S MW-7S MW-8S MW-12S* MW-13S MW-14D	MW-7D MW-9I MW-13D	None

No new constituents were identified greater than the GWPS at a SSL; therefore, no new SSL notification was required pursuant to § 257.95(g).

The assessment of corrective measures was initiated for HSS CCR regulated units on April 15, 2019, in response to SSLs of Appendix IV constituents above the GWPS. Pursuant to 40 CFR §257.96(a), a demonstration of need for a 60-day extension of the assessment of corrective measures was completed on July 12, 2019. The Corrective Measures Assessment (CMA) Report was completed and placed in the facility operating record on September 13, 2019, and subsequently amended on October 11, 2019. An updated CMA report was issued on August 12, 2025, which incorporated the following

[2] * Monitoring well MW-12S was dry during the November 2024 and May 2025 sampling events. The listed exceedances above are based on SSLs identified during the May 2022 sampling event.

supplemental information collected since 2019; additional groundwater monitoring data, groundwater nature & extent (N&E) investigations, conceptual site model development, geochemical and site-specific investigations, groundwater modeling updates, and potential corrective measures evaluations.

AESI held a public meeting on September 16, 2025, to discuss the proposed corrective measures that would address constituents identified at levels requiring corrective action (arsenic, lithium, and molybdenum) as outlined in the updated CMA. Proposed corrective measures included three source control measures (closure in place with slurry wall, hybrid closure in place, and closure by removal) and four groundwater measures (hydraulic containment, water infiltration, monitored natural attenuation, and in-situ treatment).

Based on the CMA and public comments, a remedy will be selected pursuant to § 257.97 and implemented thereafter in accordance with § 257.98.

2.1 Summary of Reporting Requirements

Federal CCR Rule § 257.90(e) specifies the following:

> ***For existing CCR landfills and existing CCR surface impoundments, no later than January 31, 2019, and annually thereafter, the owner or operator must prepare an annual groundwater monitoring and corrective action report. For new CCR landfills, new CCR surface impoundments, and all lateral expansions of CCR units, the owner or operator must prepare the initial annual groundwater monitoring and corrective action report no later than January 31 of the year following the calendar year a groundwater monitoring system has been established for such CCR unit as required by this subpart, and annually thereafter. For the preceding calendar year, the annual report must document the status of the groundwater monitoring and corrective action program for the CCR unit, summarize key actions completed, describe any problems encountered, discuss actions to resolve the problems, and project key activities for the upcoming year. For purposes of this section, the owner or operator has prepared the annual report when the report is placed in the facility's operating record as required by § 257.105(h)(1).***

2.2 Key Actions Completed During Reporting Period

The following key actions were completed in 2025 to comply with 40 CFR 257.90-98:

- November 2024 laboratory analytical reports were finalized and placed in the facility operating record pursuant to 40 CFR 257.95(d)(1).

- Efforts to determine the N&E of the Appendix IV SSLs continued pursuant to §257.95(g) as follows:
    - Groundwater samples were collected from onsite monitoring wells (MW-2IL/2D1, MW-4I/4D, MW-5D, MW-6I/6D, MW-7D1, MW-8D, MW-12D1, MW-14I/14IL/14D1) in May and November 2025 to further delineate the horizontal and vertical extent of constituents in groundwater downgradient of the APS;
    - Groundwater samples were collected from onsite well clusters[3] (MW-16, MW-17, MW-18) in May and November 2025 to further delineate the horizontal and vertical extent of constituents in groundwater along the western property boundary; and
    - Groundwater elevation measurements and samples were collected from the 11 well clusters (MW-102, MW-103, MW-104, MW-105, MW-106, MW-107, MW-108, MW-109, MW-110, PZ-100, PZ-101) at the Heidelburg Materials (formerly known as Hanson Aggregates) Harding Street Quarry,

- Semi-annual assessment monitoring events were conducted in May and November of 2025 as required by § 257.95(b) and § 257.95(d)(1). Pursuant to 40 CFR 257.95(b), each sample was analyzed for Appendix IV constituents. Pursuant to 40 CFR 257.95(d)(1), each sample was also analyzed for Appendix III and Appendix IV constituents detected in response to 40 CFR 257.95(b). Specifically, if an Appendix IV constituent was not detected during the May 2025 event, it was not analyzed during the November 2025 event. Each sampling event was performed in accordance with 40 CFR 257.93(c). Subsequent SSL evaluations of the November 2024 and May 2025 data were performed within 90 days of completing the sampling and analysis pursuant to § 257.93(h)(2)[4].

[3] A well cluster refers to multiple wells screened across separate aquifer zone at a single location (e.g. MW-16S/16I/16D or MW-108S/108D)

[4] A summary of the results from the November 2024 and May 2025 semi-annual assessment monitoring events are presented in **Table 3** and **Table 4**, respectively. Results of SSL evaluations are presented in *Section 3.4* of this report.

- Pursuant to § 257.97(a), Semi-Annual Remedy Selection Progress Reports were completed for the following periods and placed in the facility's operating record and posted to AESI's CCR Website:
    - September 14, 2024 through March 11, 2025 and
    - March 12, 2025 through September 7, 2025.

- The N&E Report, which provided a comprehensive summary of data evaluation and the groundwater conceptual site model (CSM) was completed.

- The CMA Report for the HSS APS was updated to account for the supplemental information collected since 2019 (additional groundwater monitoring data, groundwater N&E investigations, CSM development, geochemical and site-specific investigations, groundwater modeling updates, and potential corrective measures evaluations) and posted to the public CCR website in September 2025.

- AESI held a public meeting on September 16, 2025 to discuss the results of the updated CMA in accordance with § 257.96(e).

3.0 SATISFACTION OF REPORTING REQUIREMENTS BY STATUTE

To document compliance with the CCR Rule for activities conducted during the 2025 calendar year, excerpts of the specific minimum requirements for Annual GWMCA reports as listed in § 257.90(e)(1) through § 257.90(e)(6) are provided below in ***bold/italic*** type followed by a description of how each requirement was met.

3.1 Depiction of CCR Unit and Monitoring Wells

§ 257.90(e)(1): A map, aerial image, or diagram showing the CCR unit and all background (or upgradient) and downgradient monitoring wells, to include the well identification numbers, that are part of the groundwater monitoring program for the CCR unit;

The location of the HSS is depicted on **Figure 1**. The location of each CCR management unit, associated upgradient and downgradient CCR monitoring wells, and N&E monitoring equipment installed between 2019 and 2023 is depicted on **Figure 2**.

3.2 Summary of all Installed/Decommissioned Monitoring Wells

§ 257.90(e)(2) Identification of any monitoring wells that were installed or decommissioned during the preceding year, along with a narrative description of why those actions were taken;

One off-site N&E monitoring well (MW-106S), located at the Harding Street Quarry, was undermined with the well pad and associated above-grade protective cover becoming overturned as a result of sheet flow runoff and severe rutting during heavy spring rain events in 2025. Attempts were made to restore the well by replacing the uppermost (5-foot) section of riser and regrading the gravel surface surrounding the well; however, it was determined upon completion of repairs that gravel and debris had entered the well through a breach in the riser. As such, the well was properly abandoned on December 4, 2025, and a replacement well (MW-106SR) was installed. The replacement well was sampled as part of the fall 2025 semi-annual event.

No other monitoring equipment was installed or abandoned during 2025. The location of the CCR groundwater monitoring well network, N&E wells, and N&E piezometers are depicted on **Figure 2**.

3.3 Summary of Samples Collected

§ 257.90(e)(3): In addition to all the monitoring data obtained under § 257.90 through § 257.98, a summary including the number of groundwater samples that were collected for analysis for each background and downgradient well, the dates the samples were collected, and whether the sample was required by the detection monitoring or assessment monitoring programs;

A summary of the number of groundwater samples collected at each CCR and N&E monitoring well, sampling dates, and designation of whether samples were required by the detection or assessment monitoring program is presented in **Table 1**. Depth to water measurements and calculated groundwater elevations during the May 2025 and November 2025 sampling events are presented in **Table 2A** and **Table 2B**. Potentiometric surface contours and derived flow paths for the May 2025 sampling event and the November 2025 sampling event along with calculated seepage velocities across each flow path during each event are included in **Appendix A**.

A summary of analytical results for the November 2024 assessment monitoring event, including on-site N&E wells (M-4, MW-16S/16D, MW-17I/17IL/17D, MW-18S/18I/18D), and off-site N&E wells (PZ-100/100D, PZ-101S/101D, MW-102S, MW-103S/103I/103D, MW-105S/105I/105D, MW-106S/106D, MW-107S/107I/107D, MW-108S/108D, MW-109I/109D, MW-110D) is presented in **Table 3**. Monitoring wells MW-3S, MW-4SR, MW-5S, MW-9SR, MW-12S, MW-15S, MW-17S, MW-104S/104D, MW-106I, MW-109S, MW-110S, and MW-110I were dry during the November 2024 sampling event.

A summary of analytical results for the May 2025 assessment monitoring event, including on-site N&E wells (M-4, MW-16S/16D, MW-17S/17I/17IL/17D) and off-site N&E wells (PZ-100S/100D, PZ-101S/101D, MW-102D, MW-103S/103I/103D, MW-104D, MW-105S/105I/105D, MW-106I/106D, MW-107S/107I/107D, MW-108S/108D, MW-109I/109D, and MW-110S) is presented in **Table 4**. Monitoring wells, MW-12S, MW-102S, MW-104S, MW-109S, MW-110I, and MW-110D were dry during the May 2025 sampling event.

As discussed in *Section 3.2*, MW-106S was overturned as a result of heavy spring rains in 2025. The upper 5-feet of the well casing was replaced and the surrounding ground surface was regraded prior to the May 2025 monitoring event. However, groundwater was not encountered in the well during May gauging and it was subsequently determined the water-bearing portion of the well screen had been filled with gravel and debris while overturned. Due to dry conditions within the accessible portion of the well screen, MW-106S was not sampled during the May event.

Groundwater results for the November 2025 semi-annual assessment monitoring sampling event, including on-site and off-site N&E wells, were not finalized in 2025 and thus not included with this submittal. Laboratory reports are included in **Appendix B**.

3.4 Discussion of Monitoring Program Transitions

§ 257.90(e)(4) A narrative discussion of any transition between monitoring programs (e.g., the date and circumstances for transitioning from detection monitoring to assessment monitoring in addition to identifying the constituent(s) detected at a statistically significant increase over background levels);

AESI HSS continued to operate under the assessment monitoring program in accordance with § 257.95 during 2025 with no transition between monitoring programs.

In accordance with § 257.95(g) and 257.93(h), statistical evaluations were performed on the November 2024 and May 2025 analytical data to determine if an SSL of Appendix IV constituents were present above the relevant GWPS. The evaluations were completed in March 2025 and August 2025, respectively. Results of these evaluations identified three Appendix IV constituent SSLs above the GWPS (arsenic, lithium, and molybdenum). It is noted that the Appendix IV constituent antimony was historically identified above the GWPS in MW-9S; however that well has become consistently dry and is no longer sampled; as such antimony is no longer an identified SSL. No new Appendix IV

constituent SSLs were identified; therefore, an additional notification was not triggered pursuant to 40 CFR 257.95(g). SSLs and associated wells are summarized in *Section 2.0* of this report.

3.5 Other Information

§ 257.90(e)(5) Other information required to be included in the annual report as specified in §§ 257.90 through 257.98.

Two semi-annual assessment monitoring events were conducted in 2025 as required by § 257.95(b) and § 257.95(d)(1). Each event was performed in accordance with 40 CFR 257.93(e) and all samples were submitted for analysis of Appendix IV constituents pursuant to 40 CFR 257.95(b). Additionally, pursuant to 40 CFR 257.95(d)(1), all samples collected in 2025 were analyzed for Appendix III constituents and Appendix IV constituents detected in response to 40 CFR 257.95(b). An SSL evaluation of the November 2024 and May 2025 analytical results were performed within 90 days of completing the sampling and analysis pursuant to § 257.93(h)(2).

In accordance with § 257.95(d)(2) and § 257.95(h), a summary of the established GWPS for both the November 2024 and May 2025 semi-annual assessment monitoring events is presented in **Tables 5A-5C**.

Refer to *Section 4.0* for details on other statistical reporting requirements as specified by the statutes listed above. Refer to *Section 5.0* for details on projected key activities in the upcoming year.

3.6 Overview of the Current Status of the GWMCA Unit

§ 257.90(e)(6) A section at the beginning of the annual report that provides an overview of the current status of groundwater monitoring and corrective action programs for the CCR unit. At a minimum, the summary must specify all of the following:

- ***(i) At the start of the current annual reporting period, whether the CCR unit was operating under the detection monitoring program in § 257.94 or the assessment monitoring program in § 257.95;***
- ***(ii) At the end of the current annual reporting period, whether the CCR unit was operating under the detection monitoring program in § 257.94 or the assessment monitoring program in § 257.95;***
- ***(iii) If it was determined that there was a statistically significant increase over background for one or more constituents listed in appendix III to this part pursuant to § 257.94(e):***

(A) Identify those constituents listed in appendix III to this part and the names of the monitoring wells associated with such an increase; and

(B) Provide the date when the assessment monitoring program was initiated for the CCR unit.

(iv) If it was determined that there was a statistically significant level above the groundwater protection standard for one or more constituents listed in appendix IV to this part pursuant to § 257.95(g) include all of the following:

(A) Identify those constituents listed in appendix IV to this part and the names of the monitoring wells associated with such an increase;

(B) Provide the date when the assessment of corrective measures was initiated for the CCR unit;

(C) Provide the date when the public meeting was held for the assessment of corrective measures for the CCR unit; and

(D) Provide the date when the assessment of corrective measures was completed for the CCR unit.

(v) Whether a remedy was selected pursuant to § 257.97 during the current annual reporting period, and if so, the date of remedy selection; and

(vi) Whether remedial activities were initiated or are ongoing pursuant to § 257.98 during the current annual reporting period.

An overview of the current status of the HSS GWMCA unit is provided in *Section 2.0* of this report.

4.0 STATISTICAL EVALUATION PROCEDURES

The statistical evaluation procedures created for the HSS define the statistical tests to be used for this site's CCR groundwater detection monitoring system. These evaluation methods were created to comply with the requirements of § 257.93(f). The evaluation methods specify statistical tests for the detection monitoring program (Appendix III constituents) and assessment monitoring program (Appendix IV parameters) described in 40 CFR 257.

4.1 Statistical Evaluation Methodology

The statistical evaluations were performed using DUMPStat[5] (Version 3.0) commercial software. The DUMPStat program uses statistical tests, procedures, and testing sequences

[5] DUMPStat Version 3.0 was written by Robert D. Gibbons and is distributed and supported by Discerning Systems Inc.

described in *Statistical Methods for Groundwater Monitoring*[6] (Gibbons et. Al., 2009). The statistical methods for the HSS CCR monitoring system are designed to be consistent with ASTM International *Standard Guide for Developing Appropriate Statistical Approaches for Groundwater Detection Monitoring Programs at Waste Disposal Facilities* (D6312-17) along with federal guidance, and Indiana's regulations addressing statistical evaluation of groundwater at solid waste landfills.

4.2 Background Data

Pursuant to 257.94(b), the monitoring well network was sampled to establish a minimum eight background data sets prior to completion of initial statistical analyses. Groundwater samples were analyzed for the Appendix III constituents: boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS); and for the Appendix IV constituents: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium (each metal constituent was the "total" fraction), and total radium.

The HSS APS CCR monitoring well network includes twenty-seven (27) CCR monitoring wells:

CCR Monitoring Wells						
MW-1S	MW-1D	MW-2S	MW-2D	MW-3S	MW-3D	MW-4SR
MW-5S	MW-6S	MW-7S	MW-7D	MW-8S	MW-9SR	MW-9I
MW-9D	MW-10S	MW-10D	MW-11S	MW-11D	MW-12S	MW-12D
MW-13S	MW-13D	MW-14D	MW-15S	MW-15I	MW-15D	

Monitoring wells MW-15S, MW-15I, and MW-15D represent background (upgradient) wells, while the remaining wells represent waste boundary (downgradient) wells. All wells were installed in accordance with the requirements of Federal CCR Rule § 257.91 between September 25, 2015, and August 17, 2018.

Monitoring wells MW-1S, MW-1D, MW-2S, MW-2D, MW-3S, MW-3D, MW-4S, and MW-8S were originally installed as background wells until the groundwater monitoring system was re-certified in 2019 in accordance with the requirements of Federal CCR Rule

[6] Gibbons, R.D., Bhaumik D. K., Aryal S., 2009, Statistical Methods for Groundwater Monitoring, Second Edition, John Wiley & Sons, Inc. New York, 374 pages.

§ 257.91 and they were replaced by MW-15S, MW-15I, and MW-15D as the new background monitoring wells for the CCR well network. Historically, the unconsolidated aquifer had been divided into shallow and deep zones for monitoring purpose; however, based on the additional subsurface data obtained during the N&E investigations, the aquifer is currently divided into three distinct zones (shallow (S), intermediate (I), and deep (D)).

The background data included in the DUMPStat database contains results from September 2018 through May 2025 monitoring events for the upgradient monitoring wells, and from April 2016 through May 2025 for the downgradient wells. A summary of historical data for the HSS statistically evaluated constituents, groundwater quality data from background monitoring wells (MW-15S, MW-15I, and MW-15D), and calculated prediction limits for each constituent based on groundwater quality data from background wells is included in **Appendix C**.

4.3 Statistical Tests

Although Appendix III detection monitoring continues during the completion of the Appendix IV assessment monitoring program, detection monitoring statistics were not completed in 2025, as the facility has entered into statistical evaluation of assessment monitoring parameters.

4.3.1 Interwell Statistical Comparisons

Appendix IV assessment monitoring constituents are statistically evaluated using the appropriate interwell statistical test. To assign the appropriate interwell statistical test, DUMPStat first checks for the detection frequencies in the constituent concentration data then applies the Shapiro-Wilk Test of Normality for Multiple Groups to determine if the data for each constituent is normally or lognormally distributed, or if a non-parametric prediction limit must be used. The statistics are then calculated to establish the prediction limits and DUMPStat screens the background data using Dixon's test to remove the outliers. Constituents exceeding statistical limits in downgradient monitoring wells, along with DUMPStat Statistical backup for Appendix IV prediction limits and associated historical data for those constituents is included in **Appendix C**.

Among the background measurements, if the constituent fits normal/lognormal distribution, the parametric prediction limit is calculated; if the constituent does not fit normal/lognormal distribution, the non-parametric prediction limit is calculated.

Future groundwater quality results at monitoring wells MW-1S/1D, MW-2S/2D, MW-3S/3D, MW-4SR, MW-5S, MW-6S, MW-7S/7D, MW-8S, MW-9SR/9I/9D, MW-10S/10D, MW-11S/11D, MW-12S/D, MW-13S/13D, and MW-14D will be statistically compared to results from background wells.

4.3.2 False Positive Rates and Statistical Power

Using DUMPStat, power curves were calculated to evaluate the false negative rate of laboratory data provided for both the shallow, intermediate, and deep monitoring wells. As a general guide, when background data is approximately normal in distribution, a statistical test should be able to detect a 3-standard deviation increase at least 55-60% of the time and a 4-standard deviation increase with at least 80-85% probability[7]. The facility's statistical program has the annual power to detect 3- and 4-standard deviation increases above the true background mean and the calculated statistical power curves for data collected between November 2024 and May 2025 indicating general compliance with this guidance. Power curves are expected to improve over time as additional background data is added. Statistical backup for DUMPStat Power Curves is included in **Appendix C.**

4.3.3 Background Sample Size

The number of background samples used to conduct statistical tests varied based on the constituent and monitoring well; however, a minimum background sample size of eight data points (N=8) was used for all Appendix IV constituents. A table summarizing the background sample size used for all Appendix IV constituents is included in **Appendix C**.

4.3.4 Appendix IV Assessment Monitoring – Determining GWPS Exceedances

Following a previously identified SSI for one or more Appendix III constituent at one or more downgradient wells, an Appendix IV assessment monitoring program was established on July 16, 2018, in accordance with 257.95(a). Under the assessment monitoring program, prediction limits are calculated and GWPS are established for each Appendix IV constituent. The established GWPS is the larger of the background prediction limit, the regulatory standard maximum contaminant level (MCL), or the

[7] Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance, March 2009, EPA 530-R-09-007.

U.S. EPA Regional Screening Level (RSL) [8] for those Appendix IV constituents with no defined MCL (cobalt, lithium, molybdenum).

Appendix IV constituents are evaluated by calculating the lower confidence limit (LCL) on the mean of the last four reported concentrations for each Appendix IV constituent in each downgradient well to the GWPS. This approach is discussed in technical literature[9] and the U.S. EPA Unified Guidance (2009). The LCL was calculated to the 95% confidence level (95% LCL) of the mean of the last four measurements for each Appendix IV constituent was calculated using the following equation:

$$LCL = \frac{\bar{x} - ts}{\sqrt{n}}$$

Definitions:

LCL = lower confidence limit for mean;
t = one-tailed 100(1-α) percentage point of Students t-distribution on n-1 degrees of freedom;
n = number of sample measurements;
s = sample standard deviation; and
$\bar{x}$ = sample mean of n measurements.

At each downgradient well, the 95% LCL was compared to the applicable established GWPS. An SSL was identified if the 95% LCL exceeds the GWPS. The 95% LCL was re-calculated following each sampling event using a rolling average of the four most recent sample results. Statistical backup for calculated 95% LCLs is included in **Appendix D.**

5.0 PROJECTED KEY ACTIVITIES FOR UPCOMING REPORTING YEAR

Projected key activities for the upcoming year include the following:

- Semi-annual assessment monitoring in accordance with § 257.95 and consistent with § 257.90(e).

[8] USEPA Amendments to the National Minimum Criteria (Phase One, Part One), Disposal of Coal Combustion Residuals from Electric Utilities; effective August 29, 2018.
[9] Gibbons, R.D., and Coleman, D.E., 2001. Statistical Methods for Detection and Quantification of Environmental Contamination, John Wiley & Sons. – Equation 19.5

- Finalize and complete statistical evaluation of November 2025 analytical data to determine if an Appendix IV SSL is present above GWPS in accordance with § 257.95(g) and 257.93(h).

- Perform SSL evaluations of final (May 2026) assessment monitoring analytical data.

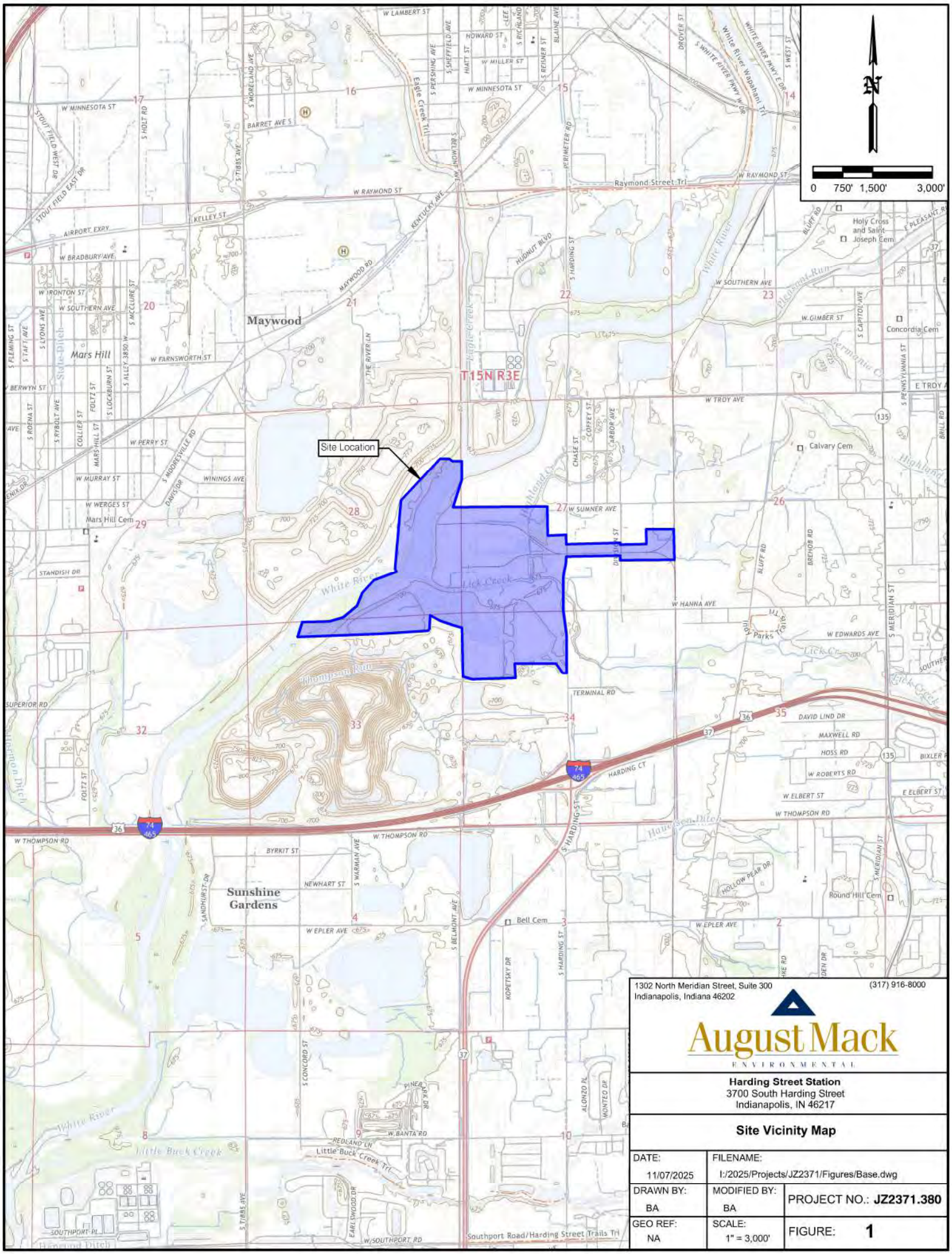
- Estimate quantity of Appendix IV material released.

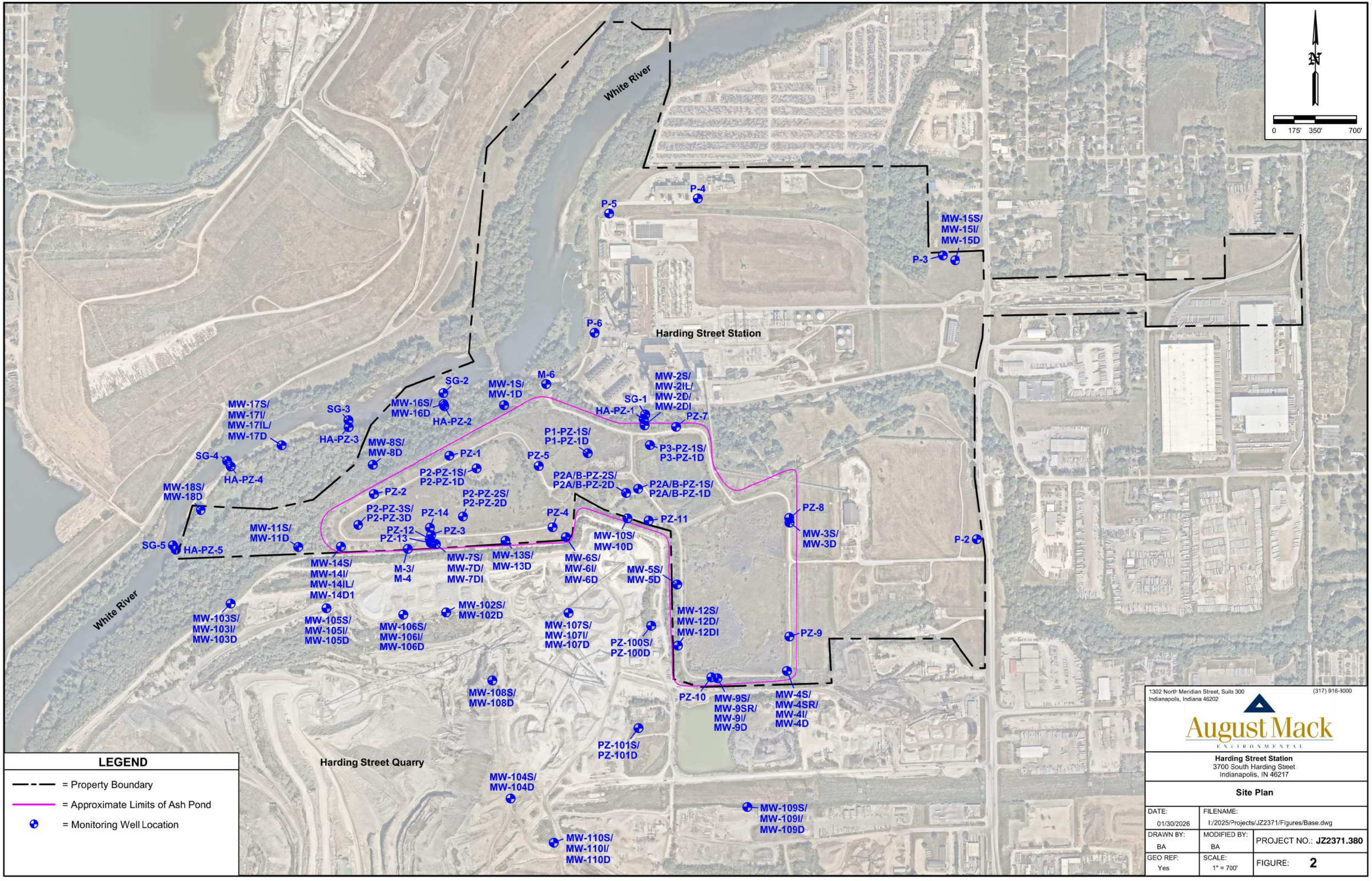
- Evaluate the comments and input received during the 2025 public meeting and begin the selection of remedy evaluation process.

- Prepare semi-annual report(s) describing progress in selecting and designing the remedy pursuant to § 257.97(a).

FIGURES

Figure 1: Site Vicinity Map
Figure 2: Site Plan


N
0 750' 1,500' 3,000'
Site Location
T15N R3E
Maywood
Mars Hill
Sunshine Gardens
Mars Hill Cem
Calvary Cem
Concordia Cem
Holy Cross and Saint Joseph Cem
Round Hill Cem
Bell Cem
White River
Little Buck Creek
Thompson Run
Eagle Creek Trl
Raymond Street Trl
Southport Road/Harding Street Trails Trl
W RAYMOND ST
W THOMPSON RD
S HARDING ST
W SOUTHERN AVE
W SUMNER AVE
W TROY AVE
W HANNA AVE
W EPLER AVE
W MINNESOTA ST
W MILLER ST
W PERRY ST
W MURRAY ST
W WERGES ST
W FARNSWORTH ST
W IRONTON ST
W BRADBURY AVE
KELLEY ST
AIRPORT EXPY
TERMINAL RD
HARDING CT
W ROBERTS RD
W ELBERT ST
E ELBERT ST
W EDWARDS AVE
DAVID LIND DR
MAXWELL RD
HOSS RD
HOLLOW PEAR DR
W BANTA RD
REDLAND LN
EARLSWOOD DR
W SOUTHPORT RD
SOUTHPORT PL
S MERIDIAN ST
S MAYWOOD RD
S KENTUCKY AVE
S BELMONT AVE
S SHEFFIELD AVE
S PERSHING AVE
S HOLT RD
S TIBBS AVE
S MOORELAND AVE
S MCCLURE ST
S LOCKBURN ST
S FOLTZ ST
S MOORESVILLE RD
S CONCORD ST
S WARMAN AVE
S HARDING ST
S MERIDIAN ST
S BLUFF RD
S CAPITOL AVE
S PENNSYLVANIA ST
S DELAWARE ST
S ALABAMA ST
S GIRLS SCHOOL RD
S EMERSON AVE
S KOPETSKY DR
S ALONZO PL
S MONTED DR
S PINEA PARK DR
S SANDHURST DR
S WARMAN AVE
S HOWARD ST
S RICHLAND ST
S REISNER ST
S BLAINE AVE
S DROVER ST
S WEST ST
S WHITE RIVER PKWY W DR
S WHITE RIVER PKWY E DR
S WHITE RIVER WABASHANT TRL
S PERIMETER RD
S HUNTINGTON ST
S HUNTINGTON PL
S HUNTINGTON DR
S HUNTINGTON RD
S HUNTINGTON CT
S HUNTINGTON LN
S HUNTINGTON WAY
S HUNTINGTON CIR
S HUNTINGTON TER
S HUNTINGTON PKWY
S HUNTINGTON BLVD
S HUNTINGTON AVE
S HUNTINGTON ST



1302 North Meridian Street, Suite 300
Indianapolis, Indiana 46202
(317) 916-8000
August Mack
ENVIRONMENTAL

Harding Street Station
3700 South Harding Street
Indianapolis, IN 46217

Site Plan

DATE: 01/30/2026	FILENAME: I:/2025/Projects/JZ2371/Figures/Base.dwg	
DRAWN BY: BA	MODIFIED BY: BA	PROJECT NO.: **JZ2371.380**
GEO REF: Yes	SCALE: 1" = 700'	FIGURE: **2**

TABLES

Table 1: Monitoring Well Sampling Summary
Table 2A: Monitoring Well Gauging Data (May 2025)
Table 2B: Monitoring Well Gauging Data (November 2025)
Table 3: Analytical Results Summary November 2024
Table 4: Analytical Results Summary May 2025
Table 5A: Groundwater Protection Standards Shallow Zone
Table 5B: Groundwater Protection Standards Intermediate Zone
Table 5C: Groundwater Protection Standards Deep Zone

MONITORING WELL SAMPLING SUMMARY
MULTI-UNIT ASH POND SYSTEM

Well ID	Installation Date	Screened Interval	Detection or Assessment Monitoring Program	Number of Samples	Comments	Sample Date 1	Sample Date 2
Downgradient/Compliance Wells							
MW-1S	09/25/2015	Shallow	Assessment	2	None	05/21/2025	11/12/2025
MW-1D	09/25/2025	Deep	Assessment	2	None	05/21/2025	11/14/2025
MW-2S	09/29/2015	Shallow	Assessment	2	None	05/20/2025	11/13/2025
MW-2D	0209/2016	Deep	Assessment	2	None	05/20/2025	11/13/2025
MW-2IL	01/04/2023	Intermediate	Assessment	2	None	05/20/2025	11/13/2025
MW-2D1	12/06/2022	Deep	Assessment	2	None	05/20/2025	11/13/2025
MW-3S	09/28/2015	Shallow	Assessment	1	Dry during November sampling event	05/08/2025	NA
MW-3D	02/10/2016	Deep	Assessment	2	None	05/08/2025	11/14/2025
MW-4SR	11/29/2022	Shallow	Assessment	1	Dry during November sampling event	05/07/2025	NA
MW-4I	11/04/2022	Intermediate	Assessment	2	None	05/07/2025	11/17/2025
MW-4D	11/03/2022	Deep	Assessment	2	None	05/07/2025	11/17/2025
MW-5S	10/01/2015	Shallow	Assessment	1	Dry during November sampling event	05/09/2025	NA
MW-5D	11/29/2022	Deep	Assessment	2	None	05/09/2025	11/18/2025
MW-6S	09/28/2015	Shallow	Assessment	1	Dry during November sampling event	05/08/2025	NA
MW-6I	11/17/2022	Intermediate	Assessment	2	None	05/08/2025	11/14/2025
MW-6D	11/16/2022	Deep	Assessment	2	None	05/09/2025	11/13/2025
MW-7S	09/30/2015	Shallow	Assessment	2	None	05/23/2025	11/13/2025
MW-7D	02/17/2016	Deep	Assessment	2	None	05/23/2025	11/13/2025
MW-7D1	11/15/2022	Deep	Assessment	2	None	05/23/2025	11/13/2025
MW-8S	10/01/2015	Shallow	Assessment	2	None	05/22/2025	11/12/2025
MW-8D	11/15/2022	Deep	Assessment	2	None	05/22/2025	11/13/2025
MW-9SR	11/07/2022	Shallow	Assessment	1	Dry during November sampling event	05/06/2025	NA
MW-9I	02/24/2016	Intermediate	Assessment	2	None	05/06/2025	11/12/2025
MW-9D	02/11/2016	Deep	Assessment	2	None	05/07/2025	11/12/2025
MW-10S	02/16/2016	Shallow	Assessment	2	None	05/21/2025	11/14/2025
MW-10D	02/16/2016	Deep	Assessment	2	None	05/21/2025	11/14/2025
MW-11S	02/17/2016	Shallow	Assessment	2	None	05/12/2025	11/19/2025
MW-11D	02/18/2016	Deep	Assessment	2	None	05/12/2025	11/19/2025
MW-12S	02/19/2016	Shallow	Assessment	0	Dry during May and November 2025 sampling events	NA	NA
MW-12D	02/18/2016	Deep	Assessment	2	None	05/22/2025	11/18/2025
MW-12D1	11/18/2022	Deep	Assessment	2	None	05/09/2025	11/17/2025
MW-13S	02/15/2016	Shallow	Assessment	2	None	05/27/2025	11/18/2025
MW-13D	02/12/2016	Deep	Assessment	2	None	05/27/2025	11/18/2025
MW-14D	02/23/2016	Deep	Assessment	2	None	05/07/2025	11/17/2025
MW-14I	11/14/2022	Intermediate	Assessment	2	None	05/06/2025	11/17/2025
MW-14IL	11/15/2022	Intermediate	Assessment	2	None	05/06/2025	11/17/2025
MW-14D1	11/09/2022	Deep	Assessment	2	None	05/07/2025	11/17/2025
Upgradient/Background Wells							
MW-15S	08/17/2018	Shallow	Assessment	1	Dry during November sampling event	06/03/2025	NA
MW-15I	08/17/2018	Intermediate	Assessment	2	None	06/03/2025	11/17/2025
MW-15D	08/17/2018	Deep	Assessment	2	None	06/03/2025	11/17/2025

Abbreviations & Notes
NA = Not Applicable

MONITORING WELL SAMPLING SUMMARY
MULTI-UNIT ASH POND SYSTEM

Well ID	Installation Date	Screened Interval	Detection or Assessment Monitoring Program	Number of Samples	Comments	Sample Date 1	Sample Date 2
Nature & Extent Wells							
MW-16S	12/08/2022	Shallow	Assessment	2	None	05/22/2025	11/12/2025
MW-16D	12/07/2022	Deep	Assessment	2	None	05/22/2025	11/12/2025
MW-17S	12/21/2022	Shallow	Assessment	1	Dry during November sampling event	05/29/2025	NA
MW-17I	12/13/2022	Intermediate	Assessment	2	None	05/29/2025	11/13/2025
MW-17IL	12/12/2022	Intermediate	Assessment	2	None	05/28/2025	11/13/2025
MW-17D	12/12/2022	Deep	Assessment	2	None	05/29/2025	11/13/2025
MW-18S	06/07/2023	Shallow	Assessment	2	None	06/02/2025	11/17/2025
MW-18I	06/07/2023	Intermediate	Assessment	2	None	06/02/2025	11/17/2025
MW-18D	06/06/2023	Deep	Assessment	2	None	05/28/2025	11/14/2025
M-4	12/18/1986	Shallow	Assessment	2	None	06/03/2025	11/18/2025
PZ-100S	10/24/2019	Shallow	Assessment	2	None	05/13/2025	11/20/2025
PZ-100D	10/23/2019	Deep	Assessment	2	None	05/13/2025	11/20/2025
PZ-101S	10/29/2019	Shallow	Assessment	2	None	05/12/2025	11/18/2025
PZ-101D	10/25/2019	Deep	Assessment	1	Dry during November sampling event	05/12/2025	NA
MW-102S	04/15/2020	Shallow	Assessment	1	Dry during May 2025 sampling event	NA	11/20/2025
MW-102D	04/15/2020	Deep	Assessment	2	None	05/14/2025	11/20/2025
MW-103S	04/08/2020	Shallow	Assessment	2	None	05/15/2025	11/18/2025
MW-103I	04/08/2020	Intermediate	Assessment	2	None	05/15/2025	11/19/2025
MW-103D	04/08/2020	Deep	Assessment	2	None	05/16/2025	11/19/2025
MW-104S	04/17/2020	Shallow	Assessment	2	Dry during May and November 2025 sampling events	NA	NA
MW-104D	04/16/2020	Deep	Assessment	2	None	05/15/2025	11/19/2025
MW-105S	07/12/2021	Shallow	Assessment	2	None	05/16/2025	11/20/2025
MW-105I	07/12/2021	Intermediate	Assessment	2	None	05/29/2025	11/20/2025
MW-105D	07/08/2021	Deep	Assessment	2	None	05/29/2025	11/20/2025
MW-106S	07/07/2021	Shallow	Assessment	0	Well damaged and unusable	NA	NA
MW-106SR	12/04/2025	Shallow	Assessment	1	Installed as a replacement for MW-106S	NA	12/09/2025
MW-106I	07/02/2021	Intermediate	Assessment	1	Dry during November sampling event	06/09/2025	NA
MW-106D	07/02/2021	Deep	Assessment	2	None	06/05/2025	11/20/2025
MW-107S	06/29/2021	Shallow	Assessment	2	None	05/14/2025	11/20/2025
MW-107I	06/24/2021	Intermediate	Assessment	2	None	06/02/2025	11/19/2025
MW-107D	06/25/2021	Deep	Assessment	2	None	05/14/2025	11/19/2025
MW-108S	07/15/2021	Shallow	Assessment	2	None	05/12/2025	11/20/2025
MW-108D	07/14/2021	Deep	Assessment	1	Dry during November sampling event	05/12/2025	NA
MW-109S	11/02/2022	Shallow	Assessment	0	Dry during May and November 2025 sampling events	NA	NA
MW-109I	11/02/2022	Intermediate	Assessment	2	None	06/06/2025	11/19/2025
MW-109D	11/01/2022	Deep	Assessment	2	None	05/13/2025	11/19/2025
MW-110S	11/02/2022	Shallow	Assessment	2	None	05/14/2025	11/19/2025
MW-110I	11/02/2022	Intermediate	Assessment	0	Dry during May and November 2025 sampling events	NA	NA
MW-110D	11/01/2022	Deep	Assessment	1	Dry during May 2025 sampling event	NA	11/20/2025

Abbreviations & Notes
NA = Not Applicable

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - MARCH 2025					
MONITORING WELLS					
MW-1S	5/5/2025	675.33	13.18	662.15	
MW-1D	5/5/2025	675.17	12.90	662.27	
MW-2S	5/5/2025	684.99	20.32	664.67	
MW-2D	5/5/2025	685.20	20.54	664.66	
MW-3S	5/5/2025	688.98	DRY	NM	
MW-3D	5/5/2025	688.82	29.18	659.64	
MW-4SR	5/5/2025	688.29	40.34	647.95	
MW-5S	5/5/2025	689.43	35.19	654.24	
MW-6S	5/5/2025	695.67	34.93	660.74	
MW-7S	5/5/2025	696.76	39.46	657.30	
MW-7D	5/5/2025	696.29	39.02	657.27	
MW-8S	5/5/2025	672.78	15.54	657.24	
MW-9SR	5/5/2025	688.03	DRY	NM	
MW-9I	5/5/2025	689.11	43.92	645.19	
MW-9D	5/5/2025	689.27	44.14	645.13	
MW-10S	5/5/2025	691.10	28.83	662.27	
MW-10D	5/5/2025	691.28	29.07	662.21	
MW-11S	5/5/2025	686.17	30.38	655.79	
MW-11D	5/5/2025	686.17	29.41	656.76	
MW-12S	5/5/2025	688.82	42.72	646.10	
MW-12D	5/5/2025	688.73	42.19	646.54	
MW-13S	5/5/2025	696.08	37.27	658.81	
MW-13D	5/5/2025	696.78	38.06	658.72	
MW-14D	5/5/2025	697.88	41.10	656.78	
MW-15S	5/5/2025	685.77	18.18	667.59	
MW-15I	5/5/2025	685.89	18.02	667.87	
MW-15D	5/5/2025	685.56	18.18	667.38	
NATURE & EXTENT MONITORING WELLS					
MW-2IL	5/5/2025	688.86	25.85	663.01	
MW-2D1	5/5/2025	688.84	25.18	663.66	
MW-4I	5/5/2025	688.64	40.71	647.93	
MW-4D	5/5/2025	688.58	40.56	648.02	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade

NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - MARCH 2025					
MW-5D	5/5/2025	687.69	50.45	637.24	
MW-6I	5/5/2025	694.56	34.44	660.12	
MW-6D	5/5/2025	694.45	68.27	626.18	
MW-7D1	5/5/2025	695.04	63.30	631.74	
MW-8D	5/5/2025	670.82	18.39	652.43	
MW-12D1	5/5/2025	688.07	55.85	632.22	
MW-14I	5/5/2025	697.74	42.09	655.65	
MW-14IL	5/5/2025	697.94	83.14	614.80	
MW-14D1	5/5/2025	698.07	83.69	614.38	
MW-16S	5/5/2025	672.15	14.21	657.94	
MW-16D	5/5/2025	672.27	15.20	657.07	
MW-17S	5/5/2025	670.81	DRY TO PUMP	NM	
MW-17I	5/5/2025	670.84	20.13	650.71	
MW-17IL	5/5/2025	670.66	42.63	628.03	
MW-17D	5/5/2025	670.68	43.58	627.10	
MW-18S	5/5/2025	669.61	42.84	626.77	
MW-18I	5/5/2025	669.48	42.72	626.76	
MW-18D	5/5/2025	669.32	42.48	626.84	
M-3	5/5/2025	693.58	NM	NM	Unable to Locate
M-4	5/5/2025	693.25	36.59	656.66	
M-6	5/5/2025	676.52	8.25	668.27	
PZ-100S	5/5/2025	681.79	33.95	647.84	
PZ-100D	5/5/2025	681.84	51.95	629.89	
PZ-101S	5/5/2025	689.36	52.97	636.39	
PZ-101D	5/5/2025	689.40	87.69	601.71	
MW-102S	5/5/2025	677.10	56.70	620.40	
MW-102D	5/5/2025	677.48	DRY TO PUMP	NM	
MW-103S	5/5/2025	701.27	35.40	665.87	
MW-103I	5/5/2025	701.26	85.16	616.10	
MW-103D	5/5/2025	701.54	88.47	613.07	
MW-104S	5/5/2025	676.60	DRY TO PUMP	NM	
MW-104D	5/5/2025	677.01	DRY TO PUMP	NM	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade
NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - MARCH 2025					
MW-105S	5/5/2025	661.47	24.92	636.55	
MW-105I	5/5/2025	661.37	51.50	609.87	
MW-105D	5/5/2025	661.04	58.49	602.55	
MW-106S	5/5/2025	671.05	NM	NM	Not gauged due to proposed redevelopement.
MW-106I	5/5/2025	671.05	60.24	610.81	
MW-106D	5/5/2025	671.00	61.53	609.47	
MW-107S	5/5/2025	658.23	7.20	651.03	
MW-107I	5/5/2025	658.47	DRY TO PUMP	NM	
MW-107D	5/5/2025	658.55	36.95	621.60	
MW-108S	5/5/2025	642.22	DRY TO PUMP	NM	
MW-108D	5/5/2025	642.03	DRY TO PUMP	NM	
MW-109S	5/5/2025	679.13	38.06	641.07	
MW-109I	5/5/2025	679.11	48.99	630.12	
MW-109D	5/5/2025	679.03	49.06	629.97	
MW-110S	5/5/2025	679.96	54.09	625.87	
MW-110I	5/5/2025	679.79	DRY	NM	
MW-110D	5/5/2025	679.60	99.34	580.26	
PIEZOMETERS					
P-4	5/5/2025	684.53	18.52	666.01	
P-5	5/5/2025	683.76	17.96	665.80	
P-6	5/5/2025	677.49	12.52	664.97	
PZ-1	5/5/2025	714.54	DRY	NM	
PZ-8	5/5/2025	683.96	15.12	668.84	
PZ-9	5/5/2025	683.86	33.19	650.67	
PZ-12	5/5/2025	709.68	34.07	675.61	
PZ-13	5/5/2025	698.01	19.77	678.24	
P1-PZ-1S	5/5/2025	687.30	DRY	NM	
P1-PZ-1D	5/5/2025	687.25	NM	NM	Unable to Locate
P2-PZ-1S	5/5/2025	717.16	NM	NM	Unable to Locate
P2-PZ-1D	5/5/2025	716.33	NM	NM	Unable to Locate
P2-PZ-2S	5/5/2025	707.15	NM	NM	Unable to Locate
P2-PZ-2D	5/5/2025	706.92	NM	NM	Unable to Locate
P2-PZ-3S	5/5/2025	718.21	55.32	662.89	
P2-PZ-3D	5/5/2025	718.20	66.13	652.07	
P2-A/B-PZ-1S	5/5/2025	691.55	25.23	666.32	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade
NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - MARCH 2025					
P2-A/B-PZ-1D	5/5/2025	691.19	28.12	663.07	
P2-A/B-PZ-2S	5/5/2025	689.49	25.78	663.71	
P2-A/B-PZ-2D	5/5/2025	689.06	26.20	662.86	
HA-PZ-3	5/5/2025	671.08	13.65	657.43	
HA-PZ-5	5/5/2025	667.91	12.17	655.74	
SG-2	5/5/2025	NM	0.00	656.21	
SG-3	5/5/2025	NM	0.00	656.21	
SG-4	5/5/2025	NM	0.00	655.55	
SG-5	5/5/2025	NM	0.00	655.71	
River Gage	5/5/2025	662.73	-2.83	665.56	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade

NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - NOVEMBER 2025					
MONITORING WELLS					
MW-1S	11/11/2025	675.33	15.70	659.63	
MW-1D	11/11/2025	675.17	15.42	659.75	
MW-2S	11/11/2025	684.99	25.30	659.69	
MW-2D	11/11/2025	685.20	22.50	662.70	
MW-3S	11/11/2025	688.98	DRY	NM	
MW-3D	11/11/2025	688.82	36.76	652.06	
MW-4SR	11/12/2025	688.29	DRY	NM	
MW-5S	11/11/2025	689.43	DRY	NM	
MW-6S	11/11/2025	695.67	39.32	656.35	
MW-7S	11/11/2025	696.76	42.30	654.46	
MW-7D	11/11/2025	696.29	41.82	654.47	
MW-8S	11/11/2025	672.78	18.04	654.74	
MW-9SR	11/11/2025	688.03	DRY	NM	
MW-9I	11/11/2025	689.11	50.44	638.67	
MW-9D	11/11/2025	689.27	51.00	638.27	
MW-10S	11/11/2025	691.10	23.11	667.99	
MW-10D	11/11/2025	691.28	34.80	656.48	
MW-11S	11/12/2025	686.17	31.46	654.71	
MW-11D	11/12/2025	686.17	32.20	653.97	
MW-12S	11/11/2025	688.82	DRY	NM	
MW-12D	11/11/2025	688.73	48.31	640.42	
MW-13S	11/12/2025	696.08	30.02	666.06	
MW-13D	11/12/2025	696.78	40.90	655.88	
MW-14D	11/12/2025	697.88	43.91	653.97	
MW-15S	11/12/2025	685.77	DRY TO PUMP	NM	
MW-15I	11/12/2025	685.89	24.26	661.63	
MW-15D	11/12/2025	685.56	23.95	661.61	
NATURE & EXTENT MONITORING WELLS					
MW-2IL	11/11/2025	688.86	32.22	656.64	
MW-2D1	11/11/2025	688.84	35.91	652.93	
MW-4I	11/12/2025	688.64	47.56	641.08	
MW-4D	11/12/2025	688.58	47.43	641.15	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade

NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - NOVEMBER 2025					
MW-5D	11/11/2025	687.69	53.97	633.72	
MW-6I	11/11/2025	694.56	38.01	656.55	
MW-6D	11/13/2025	694.45	69.65	624.80	
MW-7D1	11/13/2025	695.04	69.87	625.17	
MW-8D	11/11/2025	670.82	20.34	650.48	
MW-12D1	11/11/2025	688.07	59.96	628.11	
MW-14I	11/12/2025	697.74	44.83	652.91	
MW-14IL	11/12/2025	697.94	86.79	611.15	
MW-14D1	11/12/2025	698.07	84.82	613.25	
MW-16S	11/11/2025	672.15	15.86	656.29	
MW-16D	11/11/2025	672.27	17.07	655.20	
MW-17S	11/11/2025	670.81	17.58	653.23	
MW-17I	11/11/2025	670.84	22.24	648.60	
MW-17IL	11/11/2025	670.66	48.24	622.42	
MW-17D	11/11/2025	670.68	49.31	621.37	
MW-18S	11/11/2025	669.61	49.25	620.36	
MW-18I	11/11/2025	669.48	49.11	620.37	
MW-18D	11/11/2025	669.32	48.90	620.42	
M-3	11/11/2025	693.58	NM	NM	Unable to Locate
M-4	11/12/2025	693.25	39.39	653.86	
M-6	11/11/2025	676.52	DRY	NM	
PZ-100S	11/11/2025	681.79	39.25	642.54	
PZ-100D	11/11/2025	681.84	55.25	626.59	
PZ-101S	11/11/2025	689.36	45.95	643.41	
PZ-101D	11/11/2025	689.40	91.33	598.07	
MW-102S	11/11/2025	677.10	57.51	619.59	
MW-102D	11/11/2025	677.48	69.06	608.42	
MW-103S	11/11/2025	701.27	35.57	665.70	
MW-103I	11/11/2025	701.26	89.95	611.31	
MW-103D	11/11/2025	701.54	92.87	608.67	
MW-104S	11/11/2025	676.60	45.81	630.79	
MW-104D	11/11/2025	677.01	92.43	584.58	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade
NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - NOVEMBER 2025					
MW-105S	11/11/2025	661.47	27.76	633.71	
MW-105I	11/11/2025	661.37	53.86	607.51	
MW-105D	11/11/2025	661.04	60.52	600.52	
MW-106S	11/11/2025	671.05	NM	NM	Not gauged due to proposed redevelopement.
MW-106I	11/11/2025	671.05	61.89	609.16	
MW-106D	11/11/2025	671.00	63.69	607.31	
MW-107S	11/11/2025	658.23	10.61	647.62	
MW-107I	11/11/2025	658.47	38.54	619.93	
MW-107D	11/11/2025	658.55	37.86	620.69	
MW-108S	11/11/2025	642.22	34.46	607.76	
MW-108D	11/11/2025	642.03	44.02	598.01	
MW-109S	11/11/2025	679.13	DRY	NM	
MW-109I	11/11/2025	679.11	53.54	625.57	
MW-109D	11/11/2025	679.03	53.56	625.47	
MW-110S	11/11/2025	679.96	55.06	624.90	
MW-110I	11/11/2025	679.79	DRY	NM	
MW-110D	11/11/2025	679.60	99.31	580.29	
PIEZOMETERS					
P-4	11/12/2025	684.53	23.11	661.42	
P-5	11/12/2025	683.76	21.05	662.71	
P-6	11/12/2025	677.49	15.95	661.54	
PZ-1	11/13/2025	714.54	DRY	NM	
PZ-8	11/11/2025	683.96	DRY	NM	
PZ-9	11/11/2025	683.86	DRY	NM	
PZ-12	11/11/2025	709.68	NM	NM	Unable to Locate
PZ-13	11/11/2025	698.01	NM	NM	Unable to Locate
P1-PZ-1S	11/11/2025	687.30	DRY	NM	
P1-PZ-1D	11/11/2025	687.25	27.57	659.68	
P2-PZ-1S	11/11/2025	717.16	54.74	662.42	
P2-PZ-1D	11/11/2025	716.33	58.76	657.57	
P2-PZ-2S	11/11/2025	707.15	NM	NM	Unable to Locate
P2-PZ-2D	11/11/2025	706.92	NM	NM	Unable to Locate
P2-PZ-3S	11/12/2025	718.21	DRY	NM	
P2-PZ-3D	11/12/2025	718.20	DRY	NM	
P2-A/B-PZ-1S	11/12/2025	691.55	DRY	NM	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade
NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

MONITORING WELL GAUGING DATA
HARDING STREET STATION

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Notes
MULTI-UNIT ASH POND SYSTEM - NOVEMBER 2025					
P2-A/B-PZ-1D	11/12/2025	691.19	35.70	655.49	
P2-A/B-PZ-2S	11/12/2025	689.49	DRY	NM	
P2-A/B-PZ-2D	11/12/2025	689.06	30.71	658.35	
HA-PZ-3	11/11/2025	671.08	16.75	654.33	
HA-PZ-5	11/11/2025	667.91	12.87	655.04	
SG-2	11/11/2025	NM	0.00	654.45	
SG-3	11/11/2025	NM	0.00	654.03	
SG-4	11/11/2025	NM	0.00	653.38	
SG-5	11/11/2025	NM	0.00	655.06	
River Gage	11/11/2025	662.73	NM	NM	

Abbreviations & Notes

amsl = feet above mean sea level
ft = feet; ft bg= feet below grade
NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

TABLE 3

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-1S	MW-1D	MW-2S	MW-2D	MW-2IL	MW-2D1	MW-3S	MW-3D
	Date Collected:	11/14/2024	11/14/2024	11/11/2024	11/11/2024	11/11/2024	11/11/2024	11/8/2024	11/8/2024
Field Parameters	**Units**								
Static Water Elevation	ft AMSL	**659.94**	**660.05**	**660.40**	**653.56**	**664.06**	**657.20**	**DRY**	**652.64**
Temperature, Field	Degrees C	**20.0**	**19.5**	**23.7**	**22.2**	**19.4**	**19.8**	NS	**14.2**
Dissolved Oxygen, Field	mg/L	**0.01**	**0.03**	**0.01**	**0.24**	**0.06**	**0.16**	NS	**0.09**
Conductivity, Field	uS/cm	**1,370**	**1,110**	**3,710**	**3,690**	**630**	**1,210**	NS	**780**
ORP, Field	mV	**-254**	**-248**	**-31.0**	**27.0**	**-42.0**	**-43.0**	NS	**-210**
pH, Field	S.U.	**7.08**	**7.09**	**7.19**	**6.93**	**7.22**	**7.18**	NS	**6.86**
Turbidity, Field	NTU	**4.8**	**0.6**	**1.5**	**7.1**	**1.3**	**0.3**	NS	**1.1**
Appendix III Constituents	**Units**								
Boron, Total	µg/L	**538**	**279**	**726**	**2,210**	**141**	**354**	NS	**236**
Calcium, Total	µg/L	**106**	**89.1**	**269**	**271**	**72.3**	**162**	NS	**65.1**
Chloride	mg/L	**224**	**181**	**817**	**563**	**7.6**	**63.9**	NS	**107**
Fluoride	mg/L	**0.29**	**0.36**	**0.57**	**1.1**	**0.54**	**0.45**	NS	**0.25**
Sulfate	mg/L	**175**	**117**	**971**	**726**	**0.36**	**230**	NS	**44.5**
Total Dissolved Solids	mg/L	**856**	**750**	**2,950**	**2,330**	**344**	**784**	NS	**459**
pH at 25 Degrees C	S.U.	**7.6**	**7.3**	**7.2**	**7.4**	**7.6**	**7.5**	NS	**7.4**
Appendix IV Constituents	**Units**								
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0
Arsenic, Total	µg/L	**6.7**	**3.5**	**12.1**	**11.4**	**14.9**	**17.2**	NS	**2.7**
Barium, Total	µg/L	**93.9**	**90.9**	**91.2**	**40.1**	**599**	**479**	NS	**60.6**
Beryllium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Cadmium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Chromium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0
Lead, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Lithium, Total	µg/L	<20.0	<20.0	**28.8**	**53.6**	<20.0	<20.0	NS	<20.0
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Molybdenum, Total	µg/L	**26.6**	**17.3**	**42.9**	**64.3**	**17.2**	<10.0	NS	<10.0
Molybdenum, Dissolved	µg/L	**25.1**	**16.4**	**43.1**	**63.1**	**16.5**	<10.0	NS	<10.0
Radium-226	pCi/L	<1.25	**0.600**	<1.04	**1.24**	**1.55**	**7.17**	NS	<0.760
Radium-228	pCi/L	**2.64**	**1.24**	**1.16**	**1.62**	**0.631**	**1.37**	NS	**0.625**
Radium, Total	pCi/L	**3.09**	**1.84**	**1.58**	**2.86**	**2.18**	**8.54**	NS	**0.899**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS	<1.0
Thallium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Geochemical Parameters	**Units**								
Alkalinity, Total as CaCO3	mg/L	**250**	**258**	**268**	**316**	**358**	**406**	NS	**231**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**228**	**238**	**268**	**316**	**358**	**406**	NS	**231**
Alkalinity, Carbonate (CaCO3)	mg/L	**21.6**	**20.0**	<10.0	<10.0	<10.0	<10.0	NS	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Dissolved Organic Carbon	mg/L	**4.1**	**4.1**	**5.4**	<5.0	**3.1**	**3.4**	NS	**1.1**
Iron, Total	µg/L	**1,940**	**1,480**	**3,530**	**4,700**	**3,570**	**5,850**	NS	**984**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NS	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Magnesium, Total	µg/L	**31,400**	**27,700**	**83,000**	**67,500**	**27,800**	**51,900**	NS	**16,800**
Manganese, Total	µg/L	**259**	**192**	**672**	**615**	**91.1**	**147**	NS	**140**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	NS	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NS	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NS	NA
Potassium, Total	µg/L	**9,170**	**7,320**	**18,400**	**14,800**	**1,800**	**2,880**	NS	**2,560**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NS	NA
Sodium, Total	µg/L	**157,000**	**125,000**	**590,000**	**375,000**	**19,500**	**29,900**	NS	**84,700**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NS	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NS	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-4SR	MW-4I	MW-4D	MW-5S	MW-5D	MW-6S	MW-6I
	Date Collected:	11/1/2024	11/1/2024	11/1/2024	11/11/2024	11/11/2024	11/12/2024	11/12/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**DRY**	**641.79**	**641.83**	**DRY**	**633.67**	**657.86**	**657.06**
Temperature, Field	Degrees C	NS	**13.6**	**13.4**	NS	**15.2**	**17.5**	**15.8**
Dissolved Oxygen, Field	mg/L	NS	**0.03**	**0.08**	NS	**0.30**	**0.15**	**0.07**
Conductivity, Field	uS/cm	NS	**740**	**790**	NS	**2,730**	**2,040**	**2,170**
ORP, Field	mV	NS	**-212**	**-226**	NS	**-250**	**19.0**	**-229**
pH, Field	S.U.	NS	**7.05**	**7.04**	NS	**7.08**	**6.82**	**6.96**
Turbidity, Field	NTU	NS	**0.5**	**0.0**	NS	**2.1**	**0.3**	**15.2**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	NS	**273**	**229**	NS	**3,470**	**4,050**	**2,410**
Calcium, Total	µg/L	NS	**88.5**	**86.9**	NS	**259**	**227**	**227**
Chloride	mg/L	NS	**101**	**91.7**	NS	**439**	**258**	**227**
Fluoride	mg/L	NS	**0.16**	**0.22**	NS	**0.78**	**1.4**	**0.35**
Sulfate	mg/L	NS	**57.6**	**56.1**	NS	**669**	**463**	**660**
Total Dissolved Solids	mg/L	NS	**488**	**465**	NS	**1,920**	**1,500**	**1,640**
pH at 25 Degrees C	S.U.	NS	**7.4**	**7.5**	NS	**7.5**	**7.1**	**7.2**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	NS	<1.0	<1.0	NS	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	NS	**2.2**	**2.1**	NS	**74.9**	**13.6**	**8.7**
Barium, Total	µg/L	NS	**74.9**	**76.0**	NS	**49.2**	**104**	**28.9**
Beryllium, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Cadmium, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Chromium, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Cobalt, Total	µg/L	NS	<1.0	<1.0	NS	<1.0	**3.0**	**1.1**
Lead, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Lithium, Total	µg/L	NS	<20.0	<20.0	NS	**80.3**	**52.4**	**68.1**
Mercury	µg/L	NS	NA	NA	NS	NA	NA	NA
Molybdenum, Total	µg/L	NS	<10.0	<10.0	NS	**136**	**187**	**111**
Molybdenum, Dissolved	µg/L	NS	<10.0	<10.0	NS	**138**	**189**	**108**
Radium-226	pCi/L	NS	<1.07	**0.637**	NS	<1.02	<1.40	<1.14
Radium-228	pCi/L	NS	**0.914**	**1.08**	NS	**0.757**	<0.793	**1.17**
Radium, Total	pCi/L	NS	<1.95	**1.72**	NS	**0.991**	<2.19	**1.17**
Selenium, Total	µg/L	NS	<1.0	<1.0	NS	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	NS	**258**	**256**	NS	**326**	**424**	**353**
Alkalinity, Bicarbonate (CaCO3)	mg/L	NS	**258**	**256**	NS	**326**	**424**	**353**
Alkalinity, Carbonate (CaCO3)	mg/L	NS	<10.0	<10.0	NS	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Dissolved Organic Carbon	mg/L	NS	**1.9**	**2.4**	NS	<4.0	<4.0	**2.5**
Iron, Total	µg/L	NS	**1,230**	**1,870**	NS	**4,670**	**7,300**	**5,100**
Iron, Ferrous	mg/L	NS	<0.20	<0.20	NS	NA	NA	NA
Iron, Dissolved	µg/L	NS	NA	NA	NS	NA	NA	NA
Magnesium, Total	µg/L	NS	**21,900**	**23,100**	NS	**69,900**	**56,600**	**82,900**
Manganese, Total	µg/L	NS	**165**	**98.0**	NS	**405**	**1,540**	**423**
Nitrogen, Nitrate	mg/L	NS	**0.22**	**0.14**	NS	**0.11**	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NS	NA	NA	NS	NA	NA	NA
Phosphate as P04	mg/L	NS	NA	NA	NS	NA	NA	NA
Potassium, Total	µg/L	NS	**2,680**	**3,100**	NS	**11,000**	**10,600**	**12,300**
Silica, Total	µg/L	NS	NA	NA	NS	NA	NA	NA
Sodium, Total	µg/L	NS	**69,100**	**62,900**	NS	**255,000**	**203,000**	**192,000**
Sulfide, Total	mg/L	NS	NA	NA	NS	NA	NA	NA
Total Organic Carbon	mg/L	NS	NA	NA	NS	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 3

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-6D	MW-7S	MW-7D	MW-7D1	MW-8S	MW-8D	MW-9SR
	Date Collected:	11/12/2024	11/13/2024	11/14/2024	11/14/2024	11/19/2024	11/18/2024	11/1/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**624.41**	**654.66**	**654.64**	**625.14**	**654.73**	**650.34**	**DRY**
Temperature, Field	Degrees C	**15.8**	**17.9**	**17.9**	**17.9**	**15.6**	**14.8**	NS
Dissolved Oxygen, Field	mg/L	**0.07**	**0.05**	**0.14**	**0.10**	**0.00**	**0.13**	NS
Conductivity, Field	uS/cm	**2,020**	**2,010**	**1,850**	**2,050**	**1,620**	**930**	NS
ORP, Field	mV	**-245**	**-14.0**	**-15.0**	**-66.0**	**-35.0**	**-243**	NS
pH, Field	S.U.	**7.02**	**7.29**	**7.37**	**7.64**	**6.70**	**7.12**	NS
Turbidity, Field	NTU	**0.9**	**2.3**	**0.2**	**0**	**0.6**	**0.9**	NS
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**10,900**	**10,800**	**13,400**	**14,600**	**6,770**	**593**	NS
Calcium, Total	µg/L	**286**	**210**	**230**	**237**	**195**	**89.5**	NS
Chloride	mg/L	**223**	**213**	**188**	**202**	**203**	**115**	NS
Fluoride	mg/L	**0.14**	**0.54**	**0.47**	**0.25**	**0.12**	**0.32**	NS
Sulfate	mg/L	**821**	**525**	**563**	**626**	**461**	**122**	NS
Total Dissolved Solids	mg/L	**1,700**	**1,340**	**1,360**	**1,420**	**1,310**	**584**	NS
pH at 25 Degrees C	S.U.	**7.4**	**7.3**	**7.4**	**7.5**	**7.1**	**7.6**	NS
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Arsenic, Total	µg/L	<1.0	**399**	**478**	**420**	<1.0	**3.7**	NS
Barium, Total	µg/L	**38.0**	**37.2**	**41.8**	**76.9**	**42.0**	**229**	NS
Beryllium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Cadmium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Chromium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Cobalt, Total	µg/L	**1.2**	<1.0	<1.0	<1.0	**1.1**	<1.0	NS
Lead, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Lithium, Total	µg/L	**55.5**	**65.6**	**80.3**	**110**	**101**	<20.0	NS
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NS
Molybdenum, Total	µg/L	**292**	**371**	**409**	**475**	**152**	**64.4**	NS
Molybdenum, Dissolved	µg/L	**291**	**385**	**395**	**454**	**154**	**65.5**	NS
Radium-226	pCi/L	**0.503**	**1.27**	<1.11	**0.971**	<1.49	**1.06**	NS
Radium-228	pCi/L	**0.536**	**2.44**	**0.733**	**1.13**	**0.862**	**0.677**	NS
Radium, Total	pCi/L	**1.04**	**3.71**	<1.87	**2.10**	<2.16	**1.74**	NS
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Thallium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**173**	**286**	**283**	**257**	**400**	**264**	NS
Alkalinity, Bicarbonate (CaCO3)	mg/L	**173**	**286**	**272**	**242**	**400**	**264**	NS
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	**11.2**	**15.6**	<10.0	<10.0	NS
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Dissolved Organic Carbon	mg/L	**3.2**	**2.8**	**3.0**	**2.9**	<4.0	**3.2**	NS
Iron, Total	µg/L	**6,310**	**3,000**	**2,410**	**2,790**	<100	**2,460**	NS
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NS
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NS
Magnesium, Total	µg/L	**53,700**	**43,200**	**46,500**	**47,400**	**54,900**	**27,000**	NS
Manganese, Total	µg/L	**644**	**366**	**496**	**398**	**278**	**501**	NS
Nitrogen, Nitrate	mg/L	**0.12**	<0.10	<0.10	<0.10	<0.10	**0.17**	NS
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NS
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NS
Potassium, Total	µg/L	**9,640**	**14,400**	**15,400**	**16,200**	**18,000**	**4,710**	NS
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Sodium, Total	µg/L	**176,000**	**150,000**	**160,000**	**167,000**	**161,000**	**94,600**	NS
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NS
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NS

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 3

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-9I	MW-9D	MW-10S	MW-10D	MW-11S	MW-11D	MW-12S
	Date Collected:	11/1/2024	11/1/2024	11/12/2024	11/11/2024	11/19/2024	11/15/2024	11/12/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**639.31**	**639.22**	**658.21**	**658.18**	**653.81**	**650.91**	**DRY**
Temperature, Field	Degrees C	**16.4**	**14.1**	**14.5**	**15.5**	NA	**15.4**	NS
Dissolved Oxygen, Field	mg/L	**0.26**	**0.14**	**0.17**	**0.11**	NA	**0.40**	NS
Conductivity, Field	uS/cm	**1,660**	**1,260**	**1,450**	**4,530**	NA	**1,410**	NS
ORP, Field	mV	**-5.0**	**-212**	**-201**	**-218**	NA	**19.0**	NS
pH, Field	S.U.	**7.23**	**6.99**	**7.07**	**6.94**	NA	**7.13**	NS
Turbidity, Field	NTU	**0**	**0**	**4.1**	**0.4**	NA	**0.4**	NS
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**5,400**	**2,950**	**3,070**	**1,900**	**924**	**10,100**	NS
Calcium, Total	µg/L	**150**	**119**	**128**	**370**	**52.3**	**211**	NS
Chloride	mg/L	**150**	**178**	**239**	**807**	**29.5**	**76.3**	NS
Fluoride	mg/L	**0.78**	**0.82**	**2.4**	**1.5**	**1.5**	**0.38**	NS
Sulfate	mg/L	**402**	**251**	**456**	**1,120**	**104**	**515**	NS
Total Dissolved Solids	mg/L	**1,020**	**940**	**1,170**	**3,150**	**418**	**1,140**	NS
pH at 25 Degrees C	S.U.	**7.4**	**7.3**	**7.4**	**7.4**	**7.8**	**7.4**	NS
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Arsenic, Total	µg/L	**156**	**119**	**285**	**86.3**	**3.5**	**15.9**	NS
Barium, Total	µg/L	**39.1**	**32.3**	**35.9**	**37.8**	**77.2**	**23.8**	NS
Beryllium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Cadmium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Chromium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Lead, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Lithium, Total	µg/L	**38.3**	**21.1**	**29.1**	**65.5**	<20.0	**133**	NS
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NS
Molybdenum, Total	µg/L	**129**	**94.5**	**154**	**57.6**	**77.3**	<10.0	NS
Molybdenum, Dissolved	µg/L	**119**	**87.8**	**156**	**58.4**	**73.1**	<10.0	NS
Radium-226	pCi/L	<1.21	**0.909**	<1.38	**1.19**	**0.487**	<0.911	NS
Radium-228	pCi/L	**0.527**	**0.826**	**0.434**	**1.32**	**0.423**	**1.15**	NS
Radium, Total	pCi/L	<2.15	**1.74**	<2.11	**2.51**	**0.910**	**1.20**	NS
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Thallium, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**280**	**327**	**267**	**298**	**206**	**261**	NS
Alkalinity, Bicarbonate (CaCO3)	mg/L	**280**	**327**	**267**	**298**	**195**	**261**	NS
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	**11.2**	<10.0	NS
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Dissolved Organic Carbon	mg/L	**2.1**	**2.7**	**3.3**	<4.0	<1.0	**2.8**	NS
Iron, Total	µg/L	**1,460**	**1,540**	**483**	**3,580**	**485**	**5,110**	NS
Iron, Ferrous	mg/L	<0.20	<0.20	NA	NA	NA	NA	NS
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NS
Magnesium, Total	µg/L	**36,200**	**30,700**	**29,800**	**108,000**	**32,800**	**48,400**	NS
Manganese, Total	µg/L	**212**	**196**	**319**	**478**	**41.6**	**36.3**	NS
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	NS
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NS
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NS
Potassium, Total	µg/L	**6,490**	**6,360**	**6,950**	**12,500**	**1,440**	**2,840**	NS
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Sodium, Total	µg/L	**144,000**	**176,000**	**233,000**	**532,000**	**21,700**	**69,300**	NS
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NS
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NS

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-12D	MW-12D1	MW-13S	MW-13D	MW-14D	MW-14I	MW-14IL
	Date Collected:	11/12/2024	11/12/2024	11/13/2024	11/13/2024	11/18/2024	11/18/2024	11/15/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**641.63**	**628.68**	**656.23**	**656.18**	**652.95**	**652.99**	**610.89**
Temperature, Field	Degrees C	**17.0**	**17.1**	**18.1**	**17.9**	**16.8**	**17.2**	**16.2**
Dissolved Oxygen, Field	mg/L	**0.10**	**0.11**	**0.00**	**0.14**	**0.14**	**0.17**	**0.06**
Conductivity, Field	uS/cm	**1,920**	**2,760**	**2,080**	**2,150**	**3,860**	**3,030**	**1,080**
ORP, Field	mV	**18.0**	**-13.0**	**13.0**	**-18.0**	**-33.0**	**13.0**	**-30.0**
pH, Field	S.U.	**7.07**	**7.19**	**7.23**	**7.38**	**7.57**	**7.08**	**7.26**
Turbidity, Field	NTU	**0**	**0.1**	**0**	**0**	**0.9**	**2.2**	**1.9**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**1,640**	**3,760**	**7,980**	**13,100**	**45,800**	**36,500**	**185**
Calcium, Total	µg/L	**209**	**279**	**195**	**257**	**311**	**428**	**99.4**
Chloride	mg/L	**341**	**435**	**258**	**239**	**241**	**154**	**154**
Fluoride	mg/L	**1.2**	**1.1**	**0.72**	**0.52**	**0.19**	**0.31**	**0.24**
Sulfate	mg/L	**517**	**557**	**439**	**669**	**1,810**	**1,540**	**101**
Total Dissolved Solids	mg/L	**1,620**	**1,910**	**1,320**	**1,560**	**3,090**	**2,520**	**627**
pH at 25 Degrees C	S.U.	**7.3**	**7.2**	**7.3**	**7.4**	**7.6**	**7.2**	**7.5**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**93.2**	**230**	**296**	**224**	**131**	**2.1**	**23.7**
Barium, Total	µg/L	**30.4**	**100**	**48.3**	**32.0**	**35.0**	**29.2**	**403**
Beryllium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt, Total	µg/L	**1.3**	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Lithium, Total	µg/L	**49.1**	**93.9**	**56.5**	**67.7**	**516**	**443**	<20.0
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum, Total	µg/L	**77.0**	**105**	**283**	**270**	**165**	**117**	<10.0
Molybdenum, Dissolved	µg/L	**74.8**	**104**	**290**	**278**	**167**	**116**	<10.0
Radium-226	pCi/L	**2.20**	<1.19	**0.574**	<0.770	<0.944	<0.590	**1.58**
Radium-228	pCi/L	**2.07**	**0.512**	**1.86**	**1.50**	**1.26**	**1.17**	**1.27**
Radium, Total	pCi/L	**4.27**	<2.18	**2.43**	**1.62**	**1.32**	**1.36**	**2.85**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**333**	**300**	**322**	**247**	**289**	**261**	**263**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**333**	**300**	**322**	**247**	**289**	**261**	**263**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	<4.0	<4.0	**3.7**	**3.0**	**3.4**	**3.1**	**3.7**
Iron, Total	µg/L	**3,350**	**5,140**	**1,500**	**2,730**	**2,020**	**7,400**	**5,900**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**53,400**	**75,100**	**41,700**	**46,300**	**188,000**	**125,000**	**25,600**
Manganese, Total	µg/L	**609**	**521**	**445**	**194**	**231**	**490**	**284**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**10,700**	**12,800**	**13,400**	**16,500**	**50,600**	**28,700**	**3,300**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**268,000**	**254,000**	**169,000**	**157,000**	**360,000**	**194,000**	**85,900**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 3

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-14D1	MW-15S	MW-15I	MW-15D	MW-16S	MW-16D	MW-17S
	Date Collected:	11/15/2024	11/15/2024	11/15/2024	11/15/2024	11/18/2024	11/14/2024	11/19/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**610.34**	**DRY**	**661.50**	**661.38**	**656.33**	**655.14**	**DRY**
Temperature, Field	Degrees C	**16.3**	NS	**14.2**	**14.0**	**17.5**	**16.0**	NS
Dissolved Oxygen, Field	mg/L	**0.11**	NS	**0.05**	**0.12**	**0.14**	**1.0**	NS
Conductivity, Field	uS/cm	**1,000**	NS	**710**	**670**	**890**	**1,440**	NS
ORP, Field	mV	**-31.0**	NS	**-70.0**	**-181**	**-81.0**	**-265**	NS
pH, Field	S.U.	**7.26**	NS	**6.81**	**6.87**	**6.86**	**7.05**	NS
Turbidity, Field	NTU	**0.3**	NS	**0.2**	**0.6**	**0.2**	**6.4**	NS
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**203**	NS	**109**	**146**	**337**	**1,710**	NS
Calcium, Total	µg/L	**98.9**	NS	**115**	**107**	**85.7**	**227**	NS
Chloride	mg/L	**129**	NS	**23.9**	**21.3**	**115**	**151**	NS
Fluoride	mg/L	**0.23**	NS	<0.10	<0.10	**0.51**	**0.51**	NS
Sulfate	mg/L	**75.6**	NS	**45.8**	**62.6**	**82.9**	**458**	NS
Total Dissolved Solids	mg/L	**565**	NS	**479**	**451**	**592**	**1,120**	NS
pH at 25 Degrees C	S.U.	**6.8**	NS	**7.5**	**7.2**	**7.3**	**7.0**	NS
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	NS	<1.0	<1.0	<1.0	<1.0	NS
Arsenic, Total	µg/L	**26.6**	NS	<1.0	**1.3**	<1.0	**42.9**	NS
Barium, Total	µg/L	**385**	NS	**73.5**	**72.9**	**60.6**	**252**	NS
Beryllium, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Cadmium, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Chromium, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Cobalt, Total	µg/L	<1.0	NS	**1.0**	<1.0	**1.1**	<1.0	NS
Lead, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Lithium, Total	µg/L	<20.0	NS	<20.0	<20.0	**20.6**	<20.0	NS
Mercury	µg/L	NA	NS	NA	NA	NA	NA	NS
Molybdenum, Total	µg/L	<10.0	NS	<10.0	<10.0	**181**	**12.5**	NS
Molybdenum, Dissolved	µg/L	<10.0	NS	<10.0	<10.0	**182**	**12.5**	NS
Radium-226	pCi/L	**1.10**	NS	**0.526**	**0.380**	**0.499**	<0.857	NS
Radium-228	pCi/L	**1.39**	NS	**0.904**	**0.724**	**1.01**	**1.84**	NS
Radium, Total	pCi/L	**2.49**	NS	**1.43**	**1.10**	**1.51**	**2.17**	NS
Selenium, Total	µg/L	<1.0	NS	**2.4**	<1.0	<1.0	<1.0	NS
Thallium, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**273**	NS	**364**	**349**	**268**	**270**	NS
Alkalinity, Bicarbonate (CaCO3)	mg/L	**257**	NS	**364**	**338**	**268**	**248**	NS
Alkalinity, Carbonate (CaCO3)	mg/L	**16.0**	NS	<10.0	**11.6**	<10.0	**22.4**	NS
Aluminum, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Dissolved Organic Carbon	mg/L	**3.5**	NS	**2.5**	**2.9**	**3.1**	**5.8**	NS
Iron, Total	µg/L	**5,750**	NS	<100	**1,290**	<100	**12,300**	NS
Iron, Ferrous	mg/L	NA	NS	NA	NA	NA	NA	NS
Iron, Dissolved	µg/L	NA	NS	NA	NA	NA	NA	NS
Magnesium, Total	µg/L	**25,800**	NS	**31,300**	**31,900**	**20,300**	**70,800**	NS
Manganese, Total	µg/L	**156**	NS	**20.7**	**114**	**428**	**2,730**	NS
Nitrogen, Nitrate	mg/L	<0.10	NS	**3.2**	<0.10	<0.10	**0.14**	NS
Nitrogen, Nitrite	mg/L	NA	NS	NA	NA	NA	NA	NS
Phosphate as P04	mg/L	NA	NS	NA	NA	NA	NA	NS
Potassium, Total	µg/L	**3,480**	NS	**1,500**	**2,070**	**6,520**	**3,480**	NS
Silica, Total	µg/L	NA	NS	NA	NA	NA	NA	NS
Sodium, Total	µg/L	**69,600**	NS	**15,800**	**19,100**	**94,500**	**54,200**	NS
Sulfide, Total	mg/L	NA	NS	NA	NA	NA	NA	NS
Total Organic Carbon	mg/L	NA	NS	NA	NA	NA	NA	NS

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-17I	MW-17IL	MW-17D	MW-18S	MW-18I	MW-18D	M-4
	Date Collected:	11/19/2024	11/20/2024	11/19/2024	11/20/2024	11/20/2024	11/20/2024	11/19/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**648.43**	**622.03**	**621.01**	**619.91**	**619.92**	**619.98**	**653.54**
Temperature, Field	Degrees C	**15.9**	**15.3**	**16.5**	**15.1**	**14.7**	**14.2**	**16.1**
Dissolved Oxygen, Field	mg/L	**0.02**	**0.06**	**0.16**	**0.22**	**0.08**	**0.18**	**0.00**
Conductivity, Field	uS/cm	**920**	**920**	**1,000**	**750**	**1,220**	**1,380**	**2,250**
ORP, Field	mV	**-218**	**-217**	**-214**	**-205**	**-216**	**-196**	**-263**
pH, Field	S.U.	**7.00**	**6.98**	**6.93**	**6.87**	**6.91**	**6.78**	**7.09**
Turbidity, Field	NTU	**0.8**	**0.6**	**8.3**	**1.9**	**48.6**	**473.7**	**0.3**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**196**	**220**	**255**	**208**	**361**	**526**	**28,800**
Calcium, Total	µg/L	**85.8**	**90.7**	**89.0**	**84.5**	**97.9**	**126**	**335**
Chloride	mg/L	**151**	**132**	**154**	**119**	**166**	**168**	**87.4**
Fluoride	mg/L	**0.29**	**0.28**	**0.31**	**0.19**	**0.15**	<0.10	**0.32**
Sulfate	mg/L	**98.4**	**90.5**	**103**	**66.0**	**60.2**	**80.5**	**930**
Total Dissolved Solids	mg/L	**590**	**584**	**632**	**530**	**597**	**722**	**1,660**
pH at 25 Degrees C	S.U.	**7.5**	**7.4**	**7.5**	**7.4**	**7.6**	**7.5**	**7.5**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**2.8**	**3.0**	**4.1**	**1.9**	**2.1**	**21.2**	**805**
Barium, Total	µg/L	**150**	**233**	**208**	**258**	**454**	**459**	**156**
Beryllium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Lithium, Total	µg/L	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	**261**
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	**222**
Molybdenum, Dissolved	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	**222**
Radium-226	pCi/L	**0.659**	**1.65**	**2.46**	**1.24**	**1.94**	**1.25**	**1.02**
Radium-228	pCi/L	**0.564**	**1.11**	**0.849**	**0.754**	**1.29**	**1.22**	**1.99**
Radium, Total	pCi/L	**1.22**	**2.76**	**3.31**	**1.99**	**3.23**	**2.47**	**3.01**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**227**	**257**	**255**	**255**	**270**	**367**	**275**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**227**	**257**	**255**	**255**	**270**	**367**	**275**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**1.6**	**3.0**	**1.8**	**3.3**	**3.9**	**5.1**	**2.7**
Iron, Total	µg/L	**1,730**	**2,060**	**2,520**	**2,100**	**2,960**	**5,160**	**4,520**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**26,500**	**23,200**	**26,500**	**24,000**	**29,400**	**32,800**	**51,200**
Manganese, Total	µg/L	**309**	**284**	**358**	**263**	**128**	**58.9**	**746**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**6,360**	**7,130**	**6,790**	**7,950**	**9,750**	**5,580**	**27,900**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**86,800**	**100,000**	**99,300**	**86,000**	**95,400**	**95,300**	**112,000**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	PZ-100S	PZ-100D	PZ-101S	PZ-101D	MW-102S	MW-102D	MW-103S
	Date Collected:	11/4/2024	11/4/2024	11/4/2024	11/4/2024	11/8/2024	11/8/2024	11/7/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**643.54**	**626.90**	**632.66**	**601.19**	**619.91**	**616.48**	**665.75**
Temperature, Field	Degrees C	**16.0**	**18.2**	**16.0**	**18.2**	NA	**15.6**	**14.9**
Dissolved Oxygen, Field	mg/L	**0.13**	**0.23**	**0.13**	**0.39**	NA	**0.17**	**0.05**
Conductivity, Field	uS/cm	**3,250**	**2,680**	**2,380**	**3,250**	NA	**2,230**	**1,780**
ORP, Field	mV	**-211**	**-62.0**	**-210**	**9.0**	NA	**-263**	**-188**
pH, Field	S.U.	**6.88**	**7.53**	**6.61**	**6.84**	NA	**7.06**	**6.24**
Turbidity, Field	NTU	**5.4**	**0.1**	**0.3**	**0.4**	NA	**3.5**	**1.2**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**2,470**	**5,660**	**2,090**	**2,220**	**5,390**	**21,200**	**839**
Calcium, Total	µg/L	**340**	**279**	**303**	**331**	**215**	**355**	**270**
Chloride	mg/L	**688**	**347**	**359**	**431**	**232**	**148**	**66.6**
Fluoride	mg/L	**1.5**	**0.67**	**0.29**	**0.33**	**0.42**	**0.2**	**0.23**
Sulfate	mg/L	**811**	**596**	**614**	**697**	**514**	**1,100**	**387**
Total Dissolved Solids	mg/L	**2,610**	**1,780**	**1,850**	**2,100**	**1,420**	**1,990**	**1,290**
pH at 25 Degrees C	S.U.	**7.2**	**7.7**	**7.1**	**7.1**	**7.2**	**7.0**	**7.3**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**2.8**	**193**	**9.3**	**8.6**	<1.0	**49.7**	**34.5**
Barium, Total	µg/L	**53.1**	**75.1**	**92.1**	**80.6**	**34.6**	**54.9**	**65.2**
Beryllium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.7**
Lead, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Lithium, Total	µg/L	**66.9**	**75.8**	**52.8**	**64.7**	**48.5**	**120**	<20.0
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum, Total	µg/L	**107**	**109**	**46.4**	**73.1**	**21.8**	**532**	**23.5**
Molybdenum, Dissolved	µg/L	**97.7**	**94.8**	**41.9**	**59.4**	NA	**563**	**24.6**
Radium-226	pCi/L	<0.954	**0.439**	<1.21	<1.01	NA	**1.08**	**0.677**
Radium-228	pCi/L	**0.870**	**0.432**	<0.771	**1.32**	NA	<0.674	**0.678**
Radium, Total	pCi/L	**1.01**	**0.871**	<1.98	**1.57**	NA	**1.42**	**1.36**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**292**	**292**	**378**	**346**	**303**	**99.0**	**646**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**292**	**292**	**378**	**346**	**303**	**99.0**	**646**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	<4.0	<4.0	<4.0	<4.0	NA	**1.8**	**5.1**
Iron, Total	µg/L	**3,460**	**3,980**	**11,400**	**9,880**	**645**	**7,570**	**19,500**
Iron, Ferrous	mg/L	**0.33**	<0.20	**4.8**	**2.5**	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**105,000**	**77,200**	**87,000**	**89,200**	**73,200**	**48,600**	**77,500**
Manganese, Total	µg/L	**562**	**238**	**631**	**734**	**177**	**718**	**340**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	**1.6**	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**14,000**	**12,200**	**12,700**	**14,700**	**9,650**	**13,800**	**1,990**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**406,000**	**189,000**	**198,000**	**249,000**	**136,000**	**158,000**	**44,600**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-103I	MW-103D	MW-104S	MW-104D	MW-105S	MW-105I	MW-105D
	Date Collected:	11/7/2024	11/7/2024	11/6/2024	11/6/2024	11/6/2024	11/7/2024	11/6/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**610.81**	**608.17**	**DRY**	**588.16**	**633.72**	**607.07**	**613.94**
Temperature, Field	Degrees C	**16.6**	**17.1**	NS	NS	**15.9**	**14.9**	**15.4**
Dissolved Oxygen, Field	mg/L	**0.36**	**0.61**	NS	NS	**0.05**	**0.08**	**0.43**
Conductivity, Field	uS/cm	**1,270**	**1,190**	NS	NS	**2,520**	**830**	**970**
ORP, Field	mV	**8.0**	**-13.0**	NS	NS	**-201**	**-228**	**-224**
pH, Field	S.U.	**7.19**	**7.33**	NS	NS	**6.69**	**6.85**	**6.98**
Turbidity, Field	NTU	**0.3**	**0.1**	NS	NS	**0.4**	**5.4**	**29.1**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**278**	**346**	NS	NS	**27,600**	**320**	**901**
Calcium, Total	µg/L	**104**	**88.2**	NS	NS	**408**	**107**	**108**
Chloride	mg/L	**235**	**207**	NS	NS	**174**	**112**	**133**
Fluoride	mg/L	**0.18**	**0.15**	NS	NS	**0.35**	**0.17**	**0.26**
Sulfate	mg/L	**27.4**	**48.7**	NS	NS	**1,210**	**81.0**	**112**
Total Dissolved Solids	mg/L	**690**	**632**	NS	NS	**2,300**	**623**	**620**
pH at 25 Degrees C	S.U.	**7.8**	**7.8**	NS	NS	**7.1**	**7.7**	**7.4**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	<1.0	<1.0	NS	NS	**6.5**	<1.0	**5.2**
Barium, Total	µg/L	**283**	**357**	NS	NS	**31.4**	**322**	**308**
Beryllium, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Cadmium, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Chromium, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Cobalt, Total	µg/L	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0
Lead, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Lithium, Total	µg/L	<20.0	<20.0	NS	NS	**336**	<20.0	<20.0
Mercury	µg/L	NA	NA	NS	NS	NA	NA	NA
Molybdenum, Total	µg/L	<10.0	<10.0	NS	NS	**80.3**	<10.0	**14.6**
Molybdenum, Dissolved	µg/L	<10.0	<10.0	NS	NS	**73.2**	<10.0	**12.1**
Radium-226	pCi/L	**1.02**	**1.31**	NS	NS	**0.781**	**0.697**	**0.415**
Radium-228	pCi/L	**0.906**	**0.832**	NS	NS	**1.32**	**0.708**	**1.04**
Radium, Total	pCi/L	**1.93**	**2.14**	NS	NS	**2.10**	**1.41**	**1.46**
Selenium, Total	µg/L	<1.0	<1.0	NS	NS	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**298**	**266**	NS	NS	**262**	**316**	**264**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**298**	**266**	NS	NS	**262**	**316**	**264**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	NS	NS	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Dissolved Organic Carbon	mg/L	**3.5**	**2.4**	NS	NS	**2.0**	**1.7**	**2.8**
Iron, Total	µg/L	**1,810**	**2,200**	NS	NS	**9,570**	**5,160**	**6,250**
Iron, Ferrous	mg/L	NA	NA	NS	NS	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NS	NS	NA	NA	NA
Magnesium, Total	µg/L	**31,300**	**30,900**	NS	NS	**102,000**	**25,400**	**28,000**
Manganese, Total	µg/L	**347**	**121**	NS	NS	**204**	**142**	**137**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	NS	NS	<0.10	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NS	NS	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NS	NS	NA	NA	NA
Potassium, Total	µg/L	**7,980**	**5,480**	NS	NS	**18,700**	**5,400**	**5,790**
Silica, Total	µg/L	NA	NA	NS	NS	NA	NA	NA
Sodium, Total	µg/L	**85,700**	**87,900**	NS	NS	**165,000**	**68,800**	**76,700**
Sulfide, Total	mg/L	NA	NA	NS	NS	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NS	NS	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack Environmental	Sample ID:	MW-106S	MW-106I	MW-106D	MW-107S	MW-107I	MW-107D	MW-108S
	Date Collected:	11/6/2024	11/6/2024	11/6/2024	11/4/2024	11/5/2024	11/4/2024	11/6/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**636.95**	**609.00**	**607.03**	**648.18**	**619.78**	**621.03**	**608.08**
Temperature, Field	Degrees C	**18.6**	NS	**18.8**	**17.2**	**16.0**	**17.0**	**17.3**
Dissolved Oxygen, Field	mg/L	**0.12**	NS	**0.14**	**0.03**	**0.98**	**0.20**	**0.20**
Conductivity, Field	uS/cm	**2,120**	NS	**2,160**	**1,970**	**1,970**	**2,110**	**2,620**
ORP, Field	mV	**184**	NS	**-34.0**	**-224**	**-33.0**	**-4.0**	**26.0**
pH, Field	S.U.	**7.00**	NS	**7.29**	**6.95**	**6.75**	**7.18**	**6.87**
Turbidity, Field	NTU	**7.3**	NS	**1.3**	**53.2**	**0.8**	**3.3**	**0.1**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**8,680**	NS	**14,300**	**3,470**	**6,840**	**7,010**	**2,560**
Calcium, Total	µg/L	**286**	NS	**235**	**237**	**209**	**225**	**411**
Chloride	mg/L	**71.3**	NS	**235**	**162**	**225**	**208**	**174**
Fluoride	mg/L	**0.48**	NS	**0.33**	**0.73**	**0.58**	**0.56**	**0.66**
Sulfate	mg/L	**902**	NS	**631**	**725**	**601**	**682**	**1,190**
Total Dissolved Solids	mg/L	**1,660**	NS	**1,430**	**1,520**	**1,400**	**1,490**	**2,510**
pH at 25 Degrees C	S.U.	**7.3**	NS	**7.6**	**7.4**	**7.7**	**7.4**	**7.2**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	<1.0	NS	**196**	<1.0	<1.0	**1.4**	<1.0
Barium, Total	µg/L	**24.3**	NS	**30.2**	**19.0**	**32.3**	**61.1**	**37.9**
Beryllium, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Cadmium, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Chromium, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Cobalt, Total	µg/L	**1.3**	NS	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Lithium, Total	µg/L	**61.2**	NS	**96.6**	**70.8**	**48.7**	**53.3**	**85.8**
Mercury	µg/L	NA	NS	NA	NA	NA	NA	NA
Molybdenum, Total	µg/L	**20.1**	NS	**359**	**61.1**	**125**	**81.8**	**78.0**
Molybdenum, Dissolved	µg/L	**21.0**	NS	**339**	**57.9**	**120**	**73.5**	**74.7**
Radium-226	pCi/L	<0.820	NS	<1.00	<1.11	<1.03	<0.880	**0.576**
Radium-228	pCi/L	**0.963**	NS	**0.932**	**0.485**	<0.656	**0.940**	**0.776**
Radium, Total	pCi/L	**1.28**	NS	<1.95	<1.92	<1.69	**1.27**	**1.35**
Selenium, Total	µg/L	<1.0	NS	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**269**	NS	**239**	**208**	**226**	**222**	**350**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**269**	NS	**239**	**208**	**226**	**222**	**350**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	NS	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**1.7**	NS	**3.3**	**1.9**	**1.1**	**2.6**	**2.9**
Iron, Total	µg/L	**139**	NS	**3,640**	**1,950**	**132**	**5,300**	**7,550**
Iron, Ferrous	mg/L	NA	NS	NA	**0.28**	NA	**0.59**	NA
Iron, Dissolved	µg/L	NA	NS	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**112,000**	NS	**49,200**	**83,300**	**66,100**	**70,400**	**139,000**
Manganese, Total	µg/L	**978**	NS	**304**	**429**	**88.5**	**366**	**746**
Nitrogen, Nitrate	mg/L	<0.10	NS	<0.10	**0.29**	**0.37**	**0.12**	<0.10
Nitrogen, Nitrite	mg/L	NA	NS	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NS	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**9,920**	NS	**12,100**	**11,800**	**9,460**	**10,600**	**13,900**
Silica, Total	µg/L	NA	NS	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**65,800**	NS	**170,000**	**131,000**	**158,000**	**154,000**	**120,000**
Sulfide, Total	mg/L	NA	NS	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NS	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 3

ANALYTICAL RESULTS SUMMARY
NOVEMBER 2024

August Mack ENVIRONMENTAL	Sample ID:	MW-108D	MW-109S	MW-109I	MW-109D	MW-110S	MW-110I	MW-110D
	Date Collected:	11/7/2024	11/5/2024	11/5/2024	11/5/2024	11/7/2024	11/7/2024	11/7/2024
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**594.92**	**641.08**	**625.91**	**625.80**	**625.86**	**DRY**	**580.12**
Temperature, Field	Degrees C	**16.8**	NS	**18.4**	**19.0**	NS	NS	**16.6**
Dissolved Oxygen, Field	mg/L	**0.38**	NS	**0.09**	**0.10**	NS	NS	**1.6**
Conductivity, Field	uS/cm	**2,280**	NS	**1,250**	**990**	NS	NS	**1,600**
ORP, Field	mV	**-5.0**	NS	**31.0**	**-6.0**	NS	NS	**-215**
pH, Field	S.U.	**7.14**	NS	**6.85**	**7.19**	NS	NS	**6.86**
Turbidity, Field	NTU	**0**	NS	**9.1**	**0.3**	NS	NS	**24.3**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**5,660**	NS	**501**	**1,400**	NS	NS	**4,710**
Calcium, Total	µg/L	**267**	NS	**166**	**99.8**	NS	NS	**190**
Chloride	mg/L	**206**	NS	**66.8**	**110**	NS	NS	**224**
Fluoride	mg/L	**0.52**	NS	**0.16**	**0.15**	NS	NS	**0.26**
Sulfate	mg/L	**725**	NS	**246**	**71.8**	NS	NS	**495**
Total Dissolved Solids	mg/L	**1,650**	NS	**778**	**535**	NS	NS	**1,330**
pH at 25 Degrees C	S.U.	**7.7**	NS	**7.3**	**7.8**	NS	NS	**7.7**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	NS	<1.0	<1.0	NS	NS	<1.0
Arsenic, Total	µg/L	<1.0	NS	**3.1**	**2.0**	NS	NS	**1.6**
Barium, Total	µg/L	**41.8**	NS	**140**	**87.7**	NS	NS	**73.8**
Beryllium, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Cadmium, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Chromium, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Cobalt, Total	µg/L	<1.0	NS	<1.0	<1.0	NS	NS	<1.0
Lead, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Lithium, Total	µg/L	**62.2**	NS	<20.0	<20.0	NS	NS	**62.6**
Mercury	µg/L	NA	NS	NA	NA	NS	NS	NA
Molybdenum, Total	µg/L	**113**	NS	**13.1**	<10.0	NS	NS	**122**
Molybdenum, Dissolved	µg/L	**119**	NS	**10.6**	<10.0	NS	NS	**128**
Radium-226	pCi/L	**0.501**	NS	<1.18	**0.721**	NS	NS	**1.72**
Radium-228	pCi/L	**0.455**	NS	**0.807**	**0.837**	NS	NS	**0.814**
Radium, Total	pCi/L	**0.956**	NS	**1.22**	**1.56**	NS	NS	**2.53**
Selenium, Total	µg/L	<1.0	NS	<1.0	<1.0	NS	NS	<1.0
Thallium, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**273**	NS	**347**	**279**	NS	NS	**275**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**273**	NS	**347**	<10.0	NS	NS	**275**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	NS	<10.0	<10.0	NS	NS	<10.0
Aluminum, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Dissolved Organic Carbon	mg/L	<4.0	NS	**3.6**	**2.3**	NS	NS	<4.0
Iron, Total	µg/L	**5,960**	NS	**5,600**	**2,020**	NS	NS	**4,240**
Iron, Ferrous	mg/L	NA	NS	NA	NA	NS	NS	NA
Iron, Dissolved	µg/L	NA	NS	NA	NA	NS	NS	NA
Magnesium, Total	µg/L	**73,100**	NS	**46,000**	**24,700**	NS	NS	**59,300**
Manganese, Total	µg/L	**498**	NS	**586**	**83.5**	NS	NS	**327**
Nitrogen, Nitrate	mg/L	<0.10	NS	<0.10	<0.10	NS	NS	**0.16**
Nitrogen, Nitrite	mg/L	NA	NS	NA	NA	NS	NS	NA
Phosphate as P04	mg/L	NA	NS	NA	NA	NS	NS	NA
Potassium, Total	µg/L	**10,200**	NS	**4,390**	**2,360**	NS	NS	**10,400**
Silica, Total	µg/L	NA	NS	NA	NA	NS	NS	NA
Sodium, Total	µg/L	**135,000**	NS	**46,400**	**65,500**	NS	NS	**134,000**
Sulfide, Total	mg/L	NA	NS	NA	NA	NS	NS	NA
Total Organic Carbon	mg/L	NA	NS	NA	NA	NS	NS	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack ENVIRONMENTAL	Sample ID:	MW-1S	MW-1D	MW-2S	MW-2D	MW-2IL	MW-2D1	MW-3S	MW-3D
	Date Collected:	5/21/2025	5/21/2025	5/20/2025	5/20/2025	5/20/2025	5/20/2025	5/8/2025	5/8/2025
Field Parameters	**Units**								
Static Water Elevation	ft AMSL	**662.15**	**662.27**	**664.67**	**664.66**	**663.01**	**663.66**	**DRY**	**659.64**
Temperature, Field	Degrees C	**17.9**	**18.8**	**12.4**	**13.6**	**14.9**	**14.7**	**18.0**	**16.4**
Dissolved Oxygen, Field	mg/L	**0.04**	**0.09**	**0.06**	**2.0**	**0.03**	**0.11**	**7.3**	**0.20**
Conductivity, Field	uS/cm	**1,090**	**1,080**	**1,770**	**2,340**	**930**	**1,670**	**1,040**	**1,710**
ORP, Field	mV	**-224**	**-215**	**-101**	**-53.0**	**-115**	**-124**	**19.0**	**-201**
pH, Field	S.U.	**6.83**	**6.78**	**7.82**	**7.60**	**7.31**	**7.65**	**6.70**	**6.91**
Turbidity, Field	NTU	**0**	**1.4**	**0.8**	**0.2**	**4.4**	**0.1**	**37.6**	**2.8**
Appendix III Constituents	**Units**								
Boron, Total	µg/L	**545**	**190**	**319**	**1,010**	**129**	**363**	**435**	**189**
Calcium, Total	µg/L	**83.0**	**72.7**	**106**	**171**	**84.6**	**162**	**105**	**100**
Chloride	mg/L	**134**	**147**	**230**	**199**	**10.2**	**66.2**	**36.6**	**226**
Fluoride	mg/L	**0.33**	**0.36**	**0.73**	**0.58**	**0.48**	**0.48**	**0.22**	**0.2**
Sulfate	mg/L	**88.2**	**65.4**	**338**	**192**	<0.25	**235**	**121**	**55.9**
Total Dissolved Solids	mg/L	**555**	**555**	**1,110**	**810**	**364**	**764**	**450**	**698**
pH at 25 Degrees C	S.U.	**7.5**	**7.5**	**7.4**	**7.8**	**7.6**	**7.6**	**7.6**	**7.6**
Appendix IV Constituents	**Units**								
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.2**	<1.0
Arsenic, Total	µg/L	**4.5**	**4.0**	**13.0**	**4.5**	**18.0**	**18.1**	**1.4**	**3.6**
Barium, Total	µg/L	**60.8**	**69.8**	**84.1**	**56.8**	**633**	**495**	**33.3**	**110**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	<20.0	<20.0	**21.0**	**47.7**	<20.0	<20.0	<20.0	<20.0
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	**17.7**	**14.9**	**34.7**	**53.2**	**11.6**	<10.0	**33.3**	<10.0
Molybdenum, Dissolved	µg/L	**17.9**	**15.0**	**54.7**	**36.0**	**11.7**	<10.0	**33.5**	<10.0
Radium-226	pCi/L	<1.36	<1.38	**1.17**	**0.482**	<1.31	**8.32**	<0.987	**0.458**
Radium-228	pCi/L	**0.600**	<0.990	**0.724**	**0.717**	**0.686**	**0.787**	<1.00	**0.813**
Radium, Total	pCi/L	<2.39	<2.37	**1.89**	**1.20**	<2.14	**9.11**	<1.99	**1.27**
Selenium, Total	µg/L	<1.0	<1.0	**1.8**	<1.0	<1.0	<1.0	**54.1**	<1.0
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**								
Alkalinity, Total as CaCO3	mg/L	**260**	**255**	**308**	**269**	**390**	**415**	**230**	**227**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**244**	**255**	**308**	**269**	**390**	**415**	**230**	**227**
Alkalinity, Carbonate (CaCO3)	mg/L	**16.4**	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**2.7**	**2.6**	**2.4**	**2.8**	**3.8**	**3.7**	**1.5**	<2.0
Iron, Total	µg/L	**1,520**	**1,480**	**3,820**	**2,040**	**4,860**	**5,770**	<100	**1,500**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**25,100**	**22,400**	**28,100**	**40,500**	**31,600**	**52,400**	**21,100**	**25,800**
Manganese, Total	µg/L	**175**	**146**	**374**	**451**	**110**	**136**	**19.5**	**199**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	**0.16**	**0.33**	<0.10	**1.7**	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**5,360**	**5,210**	**8,490**	**10,300**	**1,930**	**3,000**	**1,310**	**3,300**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**89,300**	**98,800**	**145,000**	**148,000**	**20,100**	**30,400**	**18,700**	**96,200**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack Environmental	Sample ID:	MW-4SR	MW-4I	MW-4D	MW-5S	MW-5D	MW-6S	MW-6I
	Date Collected:	5/7/2025	5/7/2025	5/7/2025	5/9/2025	5/9/2025	5/8/2025	5/8/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**647.95**	**647.93**	**648.02**	**654.24**	**637.24**	**660.74**	**660.12**
Temperature, Field	Degrees C	**15.7**	**14.9**	**14.7**	**21.4**	**15.7**	**17.3**	**23.4**
Dissolved Oxygen, Field	mg/L	**3.7**	**0.51**	**0.04**	**2.6**	**1.2**	**1.8**	**1.9**
Conductivity, Field	uS/cm	**1,460**	**910**	**1,180**	**3,410**	**3,040**	**2,430**	**2,660**
ORP, Field	mV	**36.0**	**-141**	**-118**	**86.0**	**-228**	**-52.0**	**-123**
pH, Field	S.U.	**6.38**	**6.96**	**7.77**	**6.43**	**7.02**	**6.97**	**7.14**
Turbidity, Field	NTU	**0**	**0**	**2.7**	**1.5**	**0**	**0.8**	**3.8**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**2,660**	**283**	**251**	**1,920**	**3,630**	**3,380**	**2,560**
Calcium, Total	µg/L	**237**	**84.1**	**110**	**293**	**236**	**241**	**221**
Chloride	mg/L	**7.4**	**109**	**81.0**	**393**	**340**	**211**	**215**
Fluoride	mg/L	<0.10	**0.15**	**0.19**	**0.84**	**0.71**	**1.3**	**0.32**
Sulfate	mg/L	**366**	**50.8**	**168**	**698**	**547**	**433**	**655**
Total Dissolved Solids	mg/L	**984**	**482**	**648**	**1,080**	**1,770**	**1,430**	**1,630**
pH at 25 Degrees C	S.U.	**7.4**	**7.8**	**7.9**	**7.2**	**7.6**	**7.2**	**7.4**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**2.3**	**2.3**	**2.1**	**1.4**	**55.6**	**5.8**	**9.4**
Barium, Total	µg/L	**78.4**	**69.1**	**91.5**	**22.9**	**41.9**	**102**	**25.6**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	**2.5**	<1.0
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	**24.6**	<20.0	<20.0	**54.7**	**76.1**	**56.0**	**68.5**
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	<10.0	<10.0	<10.0	**27.1**	**151**	**179**	**100**
Molybdenum, Dissolved	µg/L	<10.0	<10.0	<10.0	**27.3**	**141**	**180**	**104**
Radium-226	pCi/L	<1.51	<1.50	**0.743**	<1.08	**0.442**	<0.886	**0.764**
Radium-228	pCi/L	**0.840**	<0.809	**0.873**	<1.19	<0.948	<1.11	**0.878**
Radium, Total	pCi/L	<2.44	<2.31	**1.62**	<2.27	<2.00	<2.00	**1.64**
Selenium, Total	µg/L	**210**	<1.0	<1.0	**126**	<1.0	**15.9**	<1.0
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**474**	**259**	**292**	**336**	**346**	**497**	**358**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**474**	**259**	**272**	**336**	**346**	**497**	**358**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	**20.4**	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**1.7**	**1.7**	**1.9**	**3.4**	**2.3**	**3.4**	**4.1**
Iron, Total	µg/L	<100	**1,170**	**2,450**	<100	**4,120**	**3,470**	**4,410**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**51,600**	**20,900**	**28,600**	**66,400**	**67,400**	**58,900**	**79,900**
Manganese, Total	µg/L	<10.0	**157**	**114**	**30.8**	**385**	**1,560**	**360**
Nitrogen, Nitrate	mg/L	**3.5**	**0.19**	<0.10	**0.22**	<0.10	**1.6**	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**2,230**	**2,510**	**3,250**	**11,600**	**10,800**	**10,600**	**11,900**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**22,900**	**62,300**	**66,300**	**287,000**	**262,000**	**158,000**	**183,000**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack ENVIRONMENTAL	Sample ID:	MW-6D	MW-7S	MW-7D	MW-7D1	MW-8S	MW-8D	MW-9SR
	Date Collected:	5/9/2025	5/23/2025	5/23/2025	5/23/2025	5/22/2025	5/22/2025	5/6/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**626.18**	**657.30**	**657.27**	**631.74**	**657.24**	**652.43**	**DRY**
Temperature, Field	Degrees C	**18.7**	**18.2**	**16.7**	**16.5**	**12.7**	**13.6**	**15.4**
Dissolved Oxygen, Field	mg/L	**8.5**	**0.11**	**0.18**	**0.18**	**0.08**	**0.20**	**2.4**
Conductivity, Field	uS/cm	**0**	**2,120**	**2,200**	**2,220**	**2,170**	**1,650**	**2,490**
ORP, Field	mV	**2.0**	**-199**	**-201**	**-250**	**65.0**	**-108**	**149**
pH, Field	S.U.	**7.31**	**6.62**	**6.76**	**7.03**	**7.53**	**7.83**	**7.36**
Turbidity, Field	NTU	**0**	**0**	**0**	**0**	**0**	**7.8**	**0.3**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**11,200**	**11,000**	**11,400**	**13,700**	**2,550**	**437**	**10,200**
Calcium, Total	µg/L	**275**	**224**	**243**	**259**	**156**	**113**	**233**
Chloride	mg/L	**214**	**195**	**215**	**223**	**198**	**172**	**268**
Fluoride	mg/L	**0.14**	**0.5**	**0.4**	**0.21**	**0.12**	**0.27**	**0.3**
Sulfate	mg/L	**769**	**517**	**582**	**588**	**258**	**151**	**463**
Total Dissolved Solids	mg/L	**1,690**	**1,360**	**1,430**	**1,480**	**1,060**	**762**	**1,400**
pH at 25 Degrees C	S.U.	**7.4**	**7.6**	**7.6**	**7.7**	**7.4**	**7.8**	**7.4**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**
Arsenic, Total	µg/L	<1.0	**366**	**483**	**447**	<1.0	**4.0**	<1.0
Barium, Total	µg/L	**35.1**	**39.5**	**45.3**	**79.4**	**59.1**	**269**	**44.5**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	**49.4**	**78.0**	**89.1**	**116**	**69.9**	<20.0	**90.2**
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	**310**	**349**	**361**	**438**	**163**	**55.8**	**74.8**
Molybdenum, Dissolved	µg/L	**284**	**352**	**349**	**389**	**141**	**54.3**	**75.4**
Radium-226	pCi/L	**0.737**	**1.02**	<1.49	**0.966**	**0.787**	**0.850**	**0.635**
Radium-228	pCi/L	**1.01**	**1.18**	**1.61**	**1.61**	**0.709**	**0.975**	**0.949**
Radium, Total	pCi/L	**1.75**	**2.20**	**1.61**	**2.58**	**1.50**	**1.83**	**1.58**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**50.2**
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**200**	**297**	**285**	**265**	**384**	**266**	**350**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**200**	**297**	**285**	**265**	**384**	**266**	**350**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	<2.0	**2.3**	**2.3**	**2.2**	<2.0	**2.2**	**2.2**
Iron, Total	µg/L	**6,560**	**3,450**	**2,490**	**2,880**	<100	**3,280**	<100
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**57,400**	**45,600**	**47,300**	**47,600**	**38,400**	**32,400**	**48,600**
Manganese, Total	µg/L	**626**	**417**	**512**	**410**	**94.3**	**627**	<10.0
Nitrogen, Nitrate	mg/L	**0.16**	**0.21**	<0.10	<0.10	<0.10	<0.10	**0.7**
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**9,140**	**15,600**	**17,000**	**17,400**	**13,700**	**5,120**	**13,300**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**184,000**	**178,000**	**181,000**	**175,000**	**152,000**	**101,000**	**148,000**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack Environmental	Sample ID:	MW-9I	MW-9D	MW-10S	MW-10D	MW-11S	MW-11D	MW-12S
	Date Collected:	5/6/2025	5/7/2025	5/21/2025	5/21/2025	5/12/2025	5/12/2025	5/22/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**645.19**	**645.13**	**662.27**	**662.21**	**655.55**	**656.53**	**646.10**
Temperature, Field	Degrees C	**15.6**	**15.4**	**15.4**	**15.5**	**15.5**	**15.1**	NS
Dissolved Oxygen, Field	mg/L	**0.12**	**0.16**	**0.78**	**0.22**	**2.0**	**2.3**	NS
Conductivity, Field	uS/cm	**2,140**	**2,930**	**3,580**	**3,040**	**0**	**0**	NS
ORP, Field	mV	**-63.0**	**-97.0**	**-140**	**-177**	**39.0**	**37.0**	NS
pH, Field	S.U.	**7.72**	**7.60**	**6.52**	**6.59**	**7.79**	**7.45**	NS
Turbidity, Field	NTU	**0**	**0.4**	**4.0**	**0**	**0**	**0**	NS
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**2,860**	**2,200**	**3,580**	**2,290**	**1,110**	**10,900**	NS
Calcium, Total	µg/L	**192**	**215**	**294**	**233**	**59.9**	**214**	NS
Chloride	mg/L	**275**	**369**	**551**	**406**	**31.2**	**77.0**	NS
Fluoride	mg/L	**0.74**	**0.66**	**1.8**	**1.5**	**1.4**	**0.35**	NS
Sulfate	mg/L	**381**	**466**	**710**	**577**	**116**	**507**	NS
Total Dissolved Solids	mg/L	**1,190**	**1,580**	**2,280**	**1,740**	**457**	**567**	NS
pH at 25 Degrees C	S.U.	**7.6**	**7.7**	**7.4**	**7.2**	**7.9**	**7.3**	NS
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Arsenic, Total	µg/L	**191**	**104**	**252**	**84.8**	**5.6**	**16.7**	NS
Barium, Total	µg/L	**55.1**	**60.2**	**67.8**	**29.7**	**100**	**24.0**	NS
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NS
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	NS
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	NS
Lithium, Total	µg/L	**45.6**	**37.5**	**54.9**	**61.8**	<20.0	**143**	NS
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS
Molybdenum, Total	µg/L	**120**	**63.8**	**95.4**	**59.6**	**71.3**	<10.0	NS
Molybdenum, Dissolved	µg/L	**118**	**64.9**	**95.6**	**61.1**	**74.5**	<10.0	NS
Radium-226	pCi/L	**0.936**	**1.53**	**0.680**	**0.454**	<1.33	<1.55	NS
Radium-228	pCi/L	**1.03**	**0.810**	<0.966	<1.08	**0.598**	<0.965	NS
Radium, Total	pCi/L	**1.97**	**2.34**	**1.09**	<2.03	<2.18	<2.52	NS
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**264**	**355**	**281**	**335**	**221**	**264**	NS
Alkalinity, Bicarbonate (CaCO3)	mg/L	**264**	**355**	**281**	**335**	**221**	**264**	NS
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	NS
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Dissolved Organic Carbon	mg/L	<2.0	**2.4**	<4.0	<4.0	<1.0	<1.0	NS
Iron, Total	µg/L	**1,890**	**2,900**	**1,050**	**2,310**	**2,620**	**5,580**	NS
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NS
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NS
Magnesium, Total	µg/L	**47,800**	**52,900**	**70,800**	**66,300**	**34,500**	**50,000**	NS
Manganese, Total	µg/L	**285**	**367**	**598**	**293**	**49.3**	**41.9**	NS
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	NS
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NS
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NS
Potassium, Total	µg/L	**7,180**	**7,880**	**10,900**	**9,920**	**2,390**	**3,050**	NS
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NS
Sodium, Total	µg/L	**123,000**	**265,000**	**337,000**	**293,000**	**22,400**	**72,600**	NS
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NS
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NS

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack ENVIRONMENTAL	Sample ID:	MW-12D	MW-12D1	MW-13S	MW-13D	MW-14D	MW-14I	MW-14IL
	Date Collected:	5/22/2025	5/9/2025	5/27/2025	5/27/2025	5/7/2025	5/6/2025	5/6/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**646.54**	**632.22**	**658.81**	**658.72**	**656.78**	**655.65**	**614.80**
Temperature, Field	Degrees C	**15.3**	**16.0**	**17.9**	**17.0**	**16.5**	**16.5**	**16.1**
Dissolved Oxygen, Field	mg/L	**0.45**	**0.11**	**1.7**	**0.63**	**0.08**	**0.10**	**0.28**
Conductivity, Field	uS/cm	**2,960**	**2,570**	**1,030**	**440**	**3,880**	**3,030**	**1,040**
ORP, Field	mV	**-169**	**-57.0**	**-56.0**	**-103**	**-160**	**-202**	**-177**
pH, Field	S.U.	**6.51**	**7.57**	**7.64**	**7.78**	**7.83**	**7.39**	**7.64**
Turbidity, Field	NTU	**0**	**0**	**0**	**0**	**0.5**	**17.7**	**10.2**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**1,520**	**3,140**	**10,300**	**13,100**	**40,500**	**34,000**	**266**
Calcium, Total	µg/L	**226**	**210**	**194**	**230**	**303**	**380**	**94.8**
Chloride	mg/L	**432**	**362**	**194**	**196**	**166**	**153**	**131**
Fluoride	mg/L	**1.1**	**1.2**	**0.64**	**0.48**	**0.2**	**0.32**	**0.24**
Sulfate	mg/L	**538**	**638**	**516**	**637**	**2,070**	**1,410**	**96.3**
Total Dissolved Solids	mg/L	**1,840**	**1,690**	**1,340**	**1,510**	**3,260**	**2,690**	**601**
pH at 25 Degrees C	S.U.	**7.3**	**7.6**	**7.5**	**7.5**	**7.9**	**7.3**	**7.6**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**84.1**	**237**	**301**	**248**	**137**	**2.0**	**24.7**
Barium, Total	µg/L	**30.1**	**76.2**	**49.2**	**33.0**	**39.5**	**28.2**	**384**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	**54.1**	**83.2**	**57.1**	**76.3**	**467**	**436**	<20.0
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	**86.6**	**117**	**296**	**268**	**151**	**115**	<10.0
Molybdenum, Dissolved	µg/L	**91.9**	**101**	**264**	**264**	**148**	**116**	<10.0
Radium-226	pCi/L	**0.577**	<1.01	**0.602**	**0.942**	<1.46	**0.580**	**1.41**
Radium-228	pCi/L	**1.41**	<1.33	**1.18**	**1.60**	**1.55**	**0.561**	<1.11
Radium, Total	pCi/L	**1.99**	<2.34	**1.78**	**2.54**	**1.55**	**1.14**	**1.90**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**290**	**331**	**313**	**262**	**381**	**266**	**269**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**290**	**331**	**313**	**262**	**381**	**266**	**269**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**4.4**	**2.6**	**2.9**	**2.0**	**2.6**	**2.7**	**2.7**
Iron, Total	µg/L	**3,970**	**4,120**	**1,760**	**2,660**	**2,280**	**6,880**	**5,700**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**58,000**	**60,100**	**45,800**	**49,900**	**164,000**	**118,000**	**25,700**
Manganese, Total	µg/L	**474**	**345**	**420**	**197**	**228**	**458**	**258**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**10,800**	**12,000**	**13,200**	**17,500**	**48,100**	**27,500**	**3,240**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**283,000**	**299,000**	**167,000**	**175,000**	**469,000**	**192,000**	**79,500**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack ENVIRONMENTAL	Sample ID:	MW-14D1	MW-15S	MW-15I	MW-15D	MW-16S	MW-16D	MW-17S
	Date Collected:	5/7/2025	6/3/2025	6/3/2025	6/3/2025	5/22/2025	5/22/2025	5/29/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**614.38**	**667.28**	**667.57**	**667.02**	**657.94**	**657.07**	**DRY**
Temperature, Field	Degrees C	**19.9**	**14.2**	**14.9**	**14.5**	**14.0**	**15.2**	**13.7**
Dissolved Oxygen, Field	mg/L	**1.3**	**10.4**	**0.09**	**0.16**	**0.12**	**3.9**	**8.1**
Conductivity, Field	uS/cm	**990**	**620**	**1,020**	**970**	**1,140**	**1,800**	**980**
ORP, Field	mV	**-140**	**72.0**	**35.0**	**-47.0**	**-106**	**-210**	**32.0**
pH, Field	S.U.	**7.63**	**7.67**	**7.54**	**7.60**	**6.56**	**6.65**	**7.75**
Turbidity, Field	NTU	**0**	**1.5**	**0.2**	**0.7**	**0**	**3.0**	**2.4**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**236**	<100	**113**	**139**	**386**	**1,710**	**2,170**
Calcium, Total	µg/L	**93.4**	**73.8**	**121**	**115**	**86.5**	**218**	**108**
Chloride	mg/L	**123**	**10.7**	**43.7**	**34.6**	**142**	**163**	**39.8**
Fluoride	mg/L	**0.23**	**0.1**	<0.10	<0.10	**0.47**	**0.44**	**0.21**
Sulfate	mg/L	**79.4**	**20.2**	**46.2**	**57.4**	**96.1**	**461**	**130**
Total Dissolved Solids	mg/L	**544**	**298**	**514**	**499**	**626**	**1,150**	**555**
pH at 25 Degrees C	S.U.	**7.9**	**7.9**	**7.6**	**7.6**	**7.5**	**7.4**	**7.8**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**26.1**	<1.0	<1.0	**1.2**	<1.0	**41.0**	<1.0
Barium, Total	µg/L	**365**	**30.8**	**83.8**	**77.6**	**62.1**	**239**	**77.3**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	<20.0	<20.0	<20.0	<20.0	**22.3**	<20.0	**20.3**
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	<10.0	<10.0	<10.0	<10.0	**170**	**12.7**	<10.0
Molybdenum, Dissolved	µg/L	<10.0	<10.0	<10.0	<10.0	**184**	**13.4**	<10.0
Radium-226	pCi/L	<1.29	**0.956**	**0.787**	**0.404**	<0.885	<1.22	<1.33
Radium-228	pCi/L	**0.764**	**0.847**	**0.473**	**0.430**	<0.875	**0.465**	<0.982
Radium, Total	pCi/L	**1.16**	**1.80**	**1.26**	**0.834**	<1.76	<2.02	<2.31
Selenium, Total	µg/L	<1.0	<1.0	**1.7**	<1.0	<1.0	<1.0	**11.3**
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**289**	**241**	**388**	**361**	**275**	**272**	**266**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**270**	**241**	**388**	**361**	**275**	**272**	**266**
Alkalinity, Carbonate (CaCO3)	mg/L	**18.8**	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**2.5**	**2.0**	**2.5**	**2.5**	**1.6**	**6.2**	**2.3**
Iron, Total	µg/L	**5,140**	<100	<100	**1,350**	<100	**10,700**	<100
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**24,700**	**19,600**	**34,200**	**35,500**	**20,200**	**64,400**	**23,700**
Manganese, Total	µg/L	**146**	<10.0	**11.9**	**120**	**362**	**2,650**	<10.0
Nitrogen, Nitrate	mg/L	<0.10	**5.6**	**3.4**	<0.10	<0.10	<0.10	**3.5**
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**3,560**	**1,180**	**1,770**	**2,020**	**5,780**	**3,870**	**2,900**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**72,700**	**13,200**	**20,600**	**16,600**	**105,000**	**54,400**	**34,500**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack ENVIRONMENTAL	Sample ID:	MW-17I	MW-17IL	MW-17D	MW-18S	MW-18I	MW-18D	M-4
	Date Collected:	5/29/2025	5/28/2025	5/29/2025	6/2/2025	6/2/2025	5/28/2025	6/3/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**650.71**	**628.03**	**627.10**	**626.77**	**626.76**	**626.84**	**656.66**
Temperature, Field	Degrees C	**14.7**	**15.8**	**16.2**	**16.9**	**19.0**	**16.2**	**17.8**
Dissolved Oxygen, Field	mg/L	**0.06**	**0.88**	**0.92**	**0.35**	**0.01**	**0.36**	**0.00**
Conductivity, Field	uS/cm	**1,170**	**1,050**	**860**	**1,160**	**1,290**	**1,500**	**2,520**
ORP, Field	mV	**-75.0**	**-71.0**	**-99.0**	**-50.0**	**-123**	**-197**	**-243**
pH, Field	S.U.	**7.72**	**7.74**	**7.51**	**7.64**	**7.73**	**6.38**	**6.95**
Turbidity, Field	NTU	**0**	**0**	**85.4**	**1.4**	**3.9**	**19.2**	**0**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	<100	**114**	**110**	**183**	**332**	**726**	**23,500**
Calcium, Total	µg/L	**79.6**	**79.6**	**67.7**	**78.6**	**88.9**	**129**	**351**
Chloride	mg/L	**137**	**106**	**98.1**	**121**	**175**	**192**	**143**
Fluoride	mg/L	**0.28**	**0.27**	**0.27**	**0.21**	**0.16**	<0.10	**0.38**
Sulfate	mg/L	**82.8**	**69.4**	**63.5**	**71.8**	**61.8**	**86.4**	**996**
Total Dissolved Solids	mg/L	**570**	**514**	**462**	**549**	**630**	**810**	**1,980**
pH at 25 Degrees C	S.U.	**7.7**	**7.5**	**7.2**	**7.6**	**7.7**	**7.4**	**7.7**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	**3.0**	**3.0**	**3.4**	**1.0**	**2.2**	**22.2**	**842**
Barium, Total	µg/L	**131**	**194**	**155**	**222**	**420**	**501**	**158**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	**267**
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	**172**
Molybdenum, Dissolved	µg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	**151**
Radium-226	pCi/L	**0.633**	**1.75**	<0.937	**1.04**	**1.54**	**1.41**	**0.846**
Radium-228	pCi/L	**0.580**	**1.37**	**0.466**	<0.977	**0.933**	**0.818**	**1.19**
Radium, Total	pCi/L	**1.21**	**3.12**	<1.63	**1.05**	**2.47**	**2.23**	**2.04**
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**249**	**261**	**240**	**262**	**271**	**435**	**268**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**249**	**261**	**240**	**262**	**271**	**435**	**268**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**1.4**	**1.7**	**2.6**	**2.0**	**2.4**	**4.1**	**4.1**
Iron, Total	µg/L	**1,540**	**1,810**	**1,560**	**838**	**2,660**	**5,780**	**4,700**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	**22,600**	**20,500**	**18,900**	**23,200**	**27,500**	**33,800**	**54,300**
Manganese, Total	µg/L	**277**	**246**	**248**	**355**	**115**	**61.0**	**646**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	**5,670**	**6,460**	**5,640**	**7,760**	**9,500**	**6,030**	**30,800**
Silica, Total	µg/L	NA	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	**86,800**	**81,500**	**73,600**	**85,000**	**88,200**	**103,000**	**136,000**
Sulfide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack Environmental	Sample ID:	PZ-100S	PZ-100D	PZ-101S	PZ-101D	MW-102S	MW-102D	MW-103S
	Date Collected:	5/13/2025	5/13/2025	5/12/2025	5/12/2025	5/14/2025	5/14/2025	5/15/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**647.84**	**629.89**	**636.39**	**601.71**	**620.40**	**DRY**	**665.87**
Temperature, Field	Degrees C	**16.1**	**16.1**	**16.3**	**17.1**	NS	**19.3**	**15.5**
Dissolved Oxygen, Field	mg/L	**0.11**	**0.18**	**0.17**	**0.26**	NS	**0.33**	**0.08**
Conductivity, Field	uS/cm	**3,920**	**3,490**	**3,380**	**3,540**	NS	**3,270**	**2,480**
ORP, Field	mV	**-80.0**	**-154**	**-53.0**	**-65.0**	NS	**-241**	**-71.0**
pH, Field	S.U.	**7.66**	**8.01**	**7.21**	**7.37**	NS	**6.90**	**7.20**
Turbidity, Field	NTU	**0**	**0**	**0**	**1.3**	NS	**0**	**0.2**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**2,510**	**4,590**	**2,300**	**2,580**	NS	**17,800**	**906**
Calcium, Total	µg/L	**209**	**259**	**285**	**254**	NS	**339**	**279**
Chloride	mg/L	**423**	**366**	**236**	**329**	NS	**218**	**69.2**
Fluoride	mg/L	**1.4**	**0.67**	**0.25**	**0.36**	NS	**0.2**	**0.23**
Sulfate	mg/L	**677**	**616**	**701**	**631**	NS	**1,040**	**387**
Total Dissolved Solids	mg/L	**1,960**	**1,770**	**1,810**	**1,790**	NS	**2,000**	**1,250**
pH at 25 Degrees C	S.U.	**7.3**	**7.6**	**7.1**	**7.1**	NS	**7.3**	**6.9**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
Arsenic, Total	µg/L	**2.8**	**197**	**9.7**	**7.5**	NS	**51.5**	**30.1**
Barium, Total	µg/L	**34.0**	**74.3**	**71.8**	**55.1**	NS	**51.2**	**66.0**
Beryllium, Total	µg/L	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	<2.0	<2.0	NS	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	<10.0	<10.0	NS	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	<1.0	<1.0	NS	<1.0	**1.9**
Lead, Total	µg/L	<10.0	<10.0	<10.0	<10.0	NS	<10.0	<10.0
Lithium, Total	µg/L	**60.5**	**83.5**	**57.4**	**61.8**	NS	**111**	<20.0
Mercury	µg/L	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20
Molybdenum, Total	µg/L	**128**	**99.4**	**43.4**	**82.0**	NS	**463**	**24.0**
Molybdenum, Dissolved	µg/L	**124**	**99.2**	**41.3**	**78.6**	NS	**494**	**25.1**
Radium-226	pCi/L	**0.517**	**0.608**	<1.38	<1.68	NS	<1.33	<1.16
Radium-228	pCi/L	**0.875**	**0.864**	**0.982**	**1.20**	NS	**1.81**	<1.18
Radium, Total	pCi/L	**1.39**	**1.47**	**1.18**	**1.20**	NS	**2.05**	<2.34
Selenium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
Thallium, Total	µg/L	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**316**	**308**	**425**	**367**	NS	**116**	**641**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**316**	**308**	**425**	**367**	NS	**116**	**641**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	<10.0	<10.0	NS	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NA	NA	NS	NA	NA
Dissolved Organic Carbon	mg/L	**3.2**	**2.2**	<2.0	**2.1**	NS	**2.0**	**8.6**
Iron, Total	µg/L	**2,530**	**3,730**	**9,800**	**7,990**	NS	**6,970**	**20,200**
Iron, Ferrous	mg/L	NA	NA	NA	NA	NS	NA	NA
Iron, Dissolved	µg/L	NA	NA	NA	NA	NS	NA	NA
Magnesium, Total	µg/L	**66,400**	**69,800**	**81,700**	**70,000**	NS	**46,400**	**80,000**
Manganese, Total	µg/L	**378**	**211**	**581**	**598**	NS	**646**	**345**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	<0.10	<0.10	NS	<0.10	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NA	NA	NS	NA	NA
Phosphate as P04	mg/L	NA	NA	NA	NA	NS	NA	NA
Potassium, Total	µg/L	**10,800**	**11,700**	**11,100**	**12,500**	NS	**13,000**	**2,120**
Silica, Total	µg/L	NA	NA	NA	NA	NS	NA	NA
Sodium, Total	µg/L	**337,000**	**222,000**	**194,000**	**251,000**	NS	**160,000**	**48,100**
Sulfide, Total	mg/L	NA	NA	NA	NA	NS	NA	NA
Total Organic Carbon	mg/L	NA	NA	NA	NA	NS	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack Environmental	Sample ID:	MW-103I	MW-103D	MW-104S	MW-104D	MW-105S	MW-105I	MW-105D
	Date Collected:	5/15/2025	5/16/2025	5/15/2025	5/15/2025	5/16/2025	5/29/2025	5/29/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**616.10**	**613.07**	**DRY**	**DRY**	**636.55**	**609.87**	**602.55**
Temperature, Field	Degrees C	**18.2**	**23.3**	NS	**26.9**	**16.4**	**14.9**	**15.5**
Dissolved Oxygen, Field	mg/L	**0.40**	**7.8**	NS	**1.1**	**0.15**	**0.11**	**1.4**
Conductivity, Field	uS/cm	**1,760**	**920**	NS	**2,600**	**3,460**	**1,050**	**1,120**
ORP, Field	mV	**-91.0**	**302**	NS	**-132**	**-167**	**-178**	**-169**
pH, Field	S.U.	**7.65**	**7.55**	NS	**6.17**	**6.50**	**6.52**	**6.59**
Turbidity, Field	NTU	**1.9**	**0**	NS	**8.9**	**0.8**	**45.4**	**47.9**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**346**	**450**	NS	**3,110**	**27,600**	**225**	**1,180**
Calcium, Total	µg/L	**110**	**96.5**	NS	**272**	**374**	**90.2**	**105**
Chloride	mg/L	**217**	**248**	NS	**218**	**163**	**131**	**125**
Fluoride	mg/L	**0.2**	**0.14**	NS	**0.16**	**0.35**	**0.18**	**0.24**
Sulfate	mg/L	**40.6**	**4.5**	NS	**640**	**1,280**	**84.2**	**117**
Total Dissolved Solids	mg/L	**680**	**750**	NS	**1,600**	**2,420**	**596**	**658**
pH at 25 Degrees C	S.U.	**7.4**	**7.7**	NS	**7.1**	**7.2**	**7.7**	**7.8**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	<1.0	NS	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	<1.0	<1.0	NS	**1.9**	**6.3**	<1.0	**4.9**
Barium, Total	µg/L	**352**	**406**	NS	**52.2**	**30.2**	**294**	**325**
Beryllium, Total	µg/L	<0.20	<0.20	NS	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	<2.0	<2.0	NS	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	<10.0	<10.0	NS	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	<1.0	<1.0	NS	**1.0**	<1.0	<1.0	<1.0
Lead, Total	µg/L	<10.0	<10.0	NS	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	<20.0	<20.0	NS	**53.8**	**337**	<20.0	<20.0
Mercury	µg/L	<0.20	<0.20	NS	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	<10.0	<10.0	NS	**26.1**	**77.5**	<10.0	**13.0**
Molybdenum, Dissolved	µg/L	<10.0	<10.0	NS	**29.4**	**79.2**	**13.2**	**19.1**
Radium-226	pCi/L	**1.87**	**0.465**	NS	**0.962**	**0.938**	**1.96**	**0.664**
Radium-228	pCi/L	**0.918**	**0.723**	NS	**0.636**	**0.600**	**1.22**	**1.03**
Radium, Total	pCi/L	**2.79**	**1.19**	NS	**1.60**	**1.54**	**3.18**	**1.69**
Selenium, Total	µg/L	<1.0	<1.0	NS	**1.8**	<1.0	<1.0	<1.0
Thallium, Total	µg/L	<1.0	<1.0	NS	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**309**	**286**	NS	**369**	**258**	**276**	**281**
Alkalinity, Bicarbonate (CaCO3)	mg/L	**309**	**286**	NS	**369**	**258**	**276**	**281**
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	<10.0	NS	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NA	NA	NS	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	**6.0**	**4.6**	NS	<2.0	**1.5**	**1.5**	**1.6**
Iron, Total	µg/L	**1,910**	**2,250**	NS	**2,710**	**9,250**	**4,160**	**5,240**
Iron, Ferrous	mg/L	NA	NA	NS	NA	NA	NA	NA
Iron, Dissolved	µg/L	NA	NA	NS	NA	NA	NA	NA
Magnesium, Total	µg/L	**34,600**	**33,700**	NS	**78,700**	**101,000**	**21,100**	**26,500**
Manganese, Total	µg/L	**353**	**133**	NS	**667**	**184**	**131**	**117**
Nitrogen, Nitrate	mg/L	<0.10	<0.10	NS	<0.10	**0.84**	**0.33**	<0.10
Nitrogen, Nitrite	mg/L	NA	NA	NS	NA	NA	NA	NA
Phosphate as P04	mg/L	NA	NA	NS	NA	NA	NA	NA
Potassium, Total	µg/L	**11,300**	**6,610**	NS	**13,000**	**18,100**	**5,310**	**5,920**
Silica, Total	µg/L	NA	NA	NS	NA	NA	NA	NA
Sodium, Total	µg/L	**97,900**	**105,000**	NS	**144,000**	**172,000**	**82,500**	**88,200**
Sulfide, Total	mg/L	NA	NA	NS	NA	NA	NA	NA
Total Organic Carbon	mg/L	NA	NA	NS	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack Environmental	Sample ID:	MW-106S	MW-106I	MW-106D	MW-107S	MW-107I	MW-107D	MW-108S
	Date Collected:	6/9/2025	6/9/2025	6/5/2025	5/14/2025	6/2/2025	5/14/2025	5/12/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	NS	**610.81**	**609.47**	**651.03**	**DRY**	**621.60**	**DRY**
Temperature, Field	Degrees C	NS	**23.7**	**16.9**	**16.7**	**17.4**	**15.2**	**16.2**
Dissolved Oxygen, Field	mg/L	NS	**0.87**	**0.74**	**0.21**	**0.24**	**0.14**	**0.19**
Conductivity, Field	uS/cm	NS	**2,220**	**2,160**	**2,720**	**2,090**	**2,820**	**2,890**
ORP, Field	mV	NS	**-117**	**-139**	**-85.0**	**111**	**-99.0**	**-177**
pH, Field	S.U.	NS	**7.35**	**7.60**	**7.75**	**6.39**	**7.57**	**6.61**
Turbidity, Field	NTU	NS	**41.6**	**12.0**	**1.8**	**9.8**	**2.9**	**0**
Appendix III Constituents	**Units**							
Boron, Total	µg/L	NS	**11,300**	**13,700**	**1,970**	**5,970**	**7,680**	**2,840**
Calcium, Total	µg/L	NS	**224**	**239**	**222**	**209**	**229**	**322**
Chloride	mg/L	NS	**233**	**225**	**144**	**175**	**224**	**189**
Fluoride	mg/L	NS	**0.37**	**0.25**	**0.7**	**0.51**	**0.44**	**0.59**
Sulfate	mg/L	NS	**555**	**624**	**775**	**622**	**689**	**952**
Total Dissolved Solids	mg/L	NS	**1,500**	**1,470**	**1,580**	**3,050**	**1,570**	**1,980**
pH at 25 Degrees C	S.U.	NS	**7.4**	**7.1**	**7.6**	**7.5**	**7.4**	**7.2**
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Arsenic, Total	µg/L	NS	**108**	**242**	<1.0	<1.0	**1.4**	<1.0
Barium, Total	µg/L	NS	**63.6**	**30.5**	**15.0**	**30.2**	**55.4**	**34.1**
Beryllium, Total	µg/L	NS	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium, Total	µg/L	NS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium, Total	µg/L	NS	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Cobalt, Total	µg/L	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Lead, Total	µg/L	NS	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Lithium, Total	µg/L	NS	**83.3**	**94.6**	**63.9**	**45.9**	**36.2**	**77.3**
Mercury	µg/L	NS	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Molybdenum, Total	µg/L	NS	**328**	**341**	**51.6**	**96.7**	**67.5**	**91.6**
Molybdenum, Dissolved	µg/L	NS	**333**	**351**	**54.1**	**103**	**61.8**	**92.0**
Radium-226	pCi/L	NS	<1.17	**0.944**	<1.21	<1.09	<1.39	**0.568**
Radium-228	pCi/L	NS	**0.481**	**0.788**	**0.880**	**0.638**	**1.32**	**0.745**
Radium, Total	pCi/L	NS	<1.83	**1.73**	**1.16**	<1.92	**1.32**	**1.31**
Selenium, Total	µg/L	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium, Total	µg/L	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	NS	**269**	**245**	**206**	**224**	**209**	**352**
Alkalinity, Bicarbonate (CaCO3)	mg/L	NS	**269**	**245**	**206**	**224**	**209**	**352**
Alkalinity, Carbonate (CaCO3)	mg/L	NS	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Aluminum, Total	µg/L	NS	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	mg/L	NS	**2.4**	**2.6**	**1.2**	<2.0	**2.1**	<2.0
Iron, Total	µg/L	NS	**4,860**	**3,860**	**1,710**	<100	**6,340**	**5,100**
Iron, Ferrous	mg/L	NS	NA	NA	NA	NA	NA	NA
Iron, Dissolved	µg/L	NS	NA	NA	NA	NA	NA	NA
Magnesium, Total	µg/L	NS	**48,600**	**48,000**	**81,200**	**62,700**	**64,400**	**103,000**
Manganese, Total	µg/L	NS	**459**	**269**	**406**	<10.0	**382**	**615**
Nitrogen, Nitrate	mg/L	NS	<0.10	<0.10	<0.10	**0.2**	**0.12**	<0.10
Nitrogen, Nitrite	mg/L	NS	NA	NA	NA	NA	NA	NA
Phosphate as P04	mg/L	NS	NA	NA	NA	NA	NA	NA
Potassium, Total	µg/L	NS	**14,600**	**12,400**	**9,480**	**8,390**	**9,350**	**14,000**
Silica, Total	µg/L	NS	NA	NA	NA	NA	NA	NA
Sodium, Total	µg/L	NS	**197,000**	**172,000**	**113,000**	**143,000**	**131,000**	**136,000**
Sulfide, Total	mg/L	NS	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	NS	NA	NA	NA	NA	NA	NA

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 4

ANALYTICAL RESULTS SUMMARY
MAY 2025

August Mack ENVIRONMENTAL	Sample ID:	MW-108D	MW-109S	MW-109I	MW-109D	MW-110S	MW-110I	MW-110D
	Date Collected:	5/12/2025	6/6/2025	6/6/2025	5/13/2025	5/14/2025	5/14/2025	5/14/2025
Field Parameters	**Units**							
Static Water Elevation	ft AMSL	**DRY**	**641.07**	**630.12**	**629.97**	**625.87**	**DRY**	**580.26**
Temperature, Field	Degrees C	**15.6**	NS	**20.4**	**20.0**	**25.5**	NS	NS
Dissolved Oxygen, Field	mg/L	**0.14**	NS	**0.32**	**0.11**	**1.6**	NS	NS
Conductivity, Field	uS/cm	**2,520**	NS	**1,200**	**1,290**	**1,470**	NS	NS
ORP, Field	mV	**-220**	NS	**-61.0**	**-203**	**2.0**	NS	NS
pH, Field	S.U.	**6.79**	NS	**7.01**	**6.74**	**6.90**	NS	NS
Turbidity, Field	NTU	**0**	NS	**1.2**	**3.8**	**299.3**	NS	NS
Appendix III Constituents	**Units**							
Boron, Total	µg/L	**6,220**	NS	**653**	**707**	**1,070**	NS	NS
Calcium, Total	µg/L	**264**	NS	**165**	**99.6**	**378**	NS	NS
Chloride	mg/L	**239**	NS	**56.1**	**113**	**45.2**	NS	NS
Fluoride	mg/L	**0.5**	NS	**0.15**	**0.16**	**0.1**	NS	NS
Sulfate	mg/L	**668**	NS	**233**	**68.0**	**1,030**	NS	NS
Total Dissolved Solids	mg/L	**1,630**	NS	**760**	**541**	**2,010**	NS	NS
pH at 25 Degrees C	S.U.	**7.2**	NS	**6.2**	**7.5**	**7.1**	NS	NS
Appendix IV Constituents	**Units**							
Antimony, Total	µg/L	<1.0	NS	<1.0	<1.0	<1.0	NS	NS
Arsenic, Total	µg/L	<1.0	NS	**3.3**	**1.9**	**1.6**	NS	NS
Barium, Total	µg/L	**43.9**	NS	**84.5**	**89.3**	**44.1**	NS	NS
Beryllium, Total	µg/L	<0.20	NS	<0.20	<0.20	<0.20	NS	NS
Cadmium, Total	µg/L	<2.0	NS	<2.0	<2.0	<2.0	NS	NS
Chromium, Total	µg/L	<10.0	NS	<10.0	<10.0	<10.0	NS	NS
Cobalt, Total	µg/L	<1.0	NS	<1.0	<1.0	**3.2**	NS	NS
Lead, Total	µg/L	<10.0	NS	<10.0	<10.0	<10.0	NS	NS
Lithium, Total	µg/L	**70.2**	NS	<20.0	<20.0	**22.5**	NS	NS
Mercury	µg/L	<0.20	NS	<0.20	<0.20	<0.20	NS	NS
Molybdenum, Total	µg/L	**120**	NS	<10.0	<10.0	<10.0	NS	NS
Molybdenum, Dissolved	µg/L	**117**	NS	<10.0	<10.0	<10.0	NS	NS
Radium-226	pCi/L	**0.578**	NS	<1.43	<1.11	<1.70	NS	NS
Radium-228	pCi/L	**1.01**	NS	<0.734	<0.873	**2.57**	NS	NS
Radium, Total	pCi/L	**1.59**	NS	<2.16	<1.98	**2.84**	NS	NS
Selenium, Total	µg/L	<1.0	NS	<1.0	<1.0	<1.0	NS	NS
Thallium, Total	µg/L	<1.0	NS	<1.0	<1.0	<1.0	NS	NS
Geochemical Parameters	**Units**							
Alkalinity, Total as CaCO3	mg/L	**285**	NS	**349**	**266**	**438**	NS	NS
Alkalinity, Bicarbonate (CaCO3)	mg/L	**285**	NS	**349**	**266**	**438**	NS	NS
Alkalinity, Carbonate (CaCO3)	mg/L	<10.0	NS	<10.0	<10.0	<10.0	NS	NS
Aluminum, Total	µg/L	NA	NS	NA	NA	NA	NS	NS
Dissolved Organic Carbon	mg/L	<2.0	NS	**2.9**	**1.9**	**2.6**	NS	NS
Iron, Total	µg/L	**6,950**	NS	**4,740**	**1,940**	**5,730**	NS	NS
Iron, Ferrous	mg/L	NA	NS	NA	NA	NA	NS	NS
Iron, Dissolved	µg/L	NA	NS	NA	NA	NA	NS	NS
Magnesium, Total	µg/L	**74,500**	NS	**37,700**	**24,200**	**97,000**	NS	NS
Manganese, Total	µg/L	**498**	NS	**730**	**86.7**	**1,440**	NS	NS
Nitrogen, Nitrate	mg/L	<0.10	NS	<0.10	<0.10	<0.10	NS	NS
Nitrogen, Nitrite	mg/L	NA	NS	NA	NA	NA	NS	NS
Phosphate as P04	mg/L	NA	NS	NA	NA	NA	NS	NS
Potassium, Total	µg/L	**10,100**	NS	**3,900**	**2,510**	**6,940**	NS	NS
Silica, Total	µg/L	NA	NS	NA	NA	NA	NS	NS
Sodium, Total	µg/L	**144,000**	NS	**45,100**	**67,300**	**59,100**	NS	NS
Sulfide, Total	mg/L	NA	NS	NA	NA	NA	NS	NS
Total Organic Carbon	mg/L	NA	NS	NA	NA	NA	NS	NS

Abbreviations & Notes

°C = Degrees celcius
DUP = Duplicate Sample
ft MSL = Elevation, feet above mean sea level
µg/L = Micrograms per liter
mg/L = Milligrams per liter
µS/cm = microsiemen per centimeter
mV = millivolt
NA = Not analyzed
NTU = Nephelometric Turbidity Unit
NS = Not Sampled
pCi/L = Picocuries per liter
S.U. = Standard Units

TABLE 5A

GROUNDWATER PROTECTION STANDARDS
SHALLOW ZONE

Appendix III Constituents	Units	Chemical Abstract Services Number (or alternative ID)	Analytical Method	Groundwater Protection Standard (GWPS)	GWPS Origin	Maximum Contaminant Level (MCL)	U.S. EPA Amendments to National Minimum Criteria (ANMC)	IDEM 2025 Residential Tapwater Published Levels	Raw Prediction Limit as of: May 2025	Functional Prediction Limit as of: May 2025
pH (Lower Bound)	S.U.	PHLow	SM 4500-H+B	**NE**	Not Applicable	NE	NE	NE	NA	NA
pH (Upper Bound)	S.U.	PHHigh	SM 4500-H+B	**NE**	Not Applicable	NE	NE	NE	NA	NA
Calcium	µg/L	7440-70-2	EPA 6010	**NE**	Not Applicable	NE	NE	NE	NA	NA
Chloride	mg/L	16887-00-6	EPA 9056	**NE**	Not Applicable	NE	NE	NE	NA	NA
Fluoride	mg/L	16984-48-8	EPA 9056	**NE**	Not Applicable	4,000	NE	4,000	NA	NA
Sulfate	mg/L	14808-79-8	EPA 9056	**NE**	Not Applicable	NE	NE	NE	NA	NA
Total Dissolved Solids	mg/L	TDS	SM 2540C	**NE**	Not Applicable	NE	NE	NE	NA	NA
Appendix IV Constituents	**Units**									
Antimony	µg/L	7440-36-0	EPA 6020	**6.0**	MCL	6.0	NE	6.0	1.0	1.0
Arsenic	µg/L	7440-38-2	EPA 6020	**10**	MCL	10	NE	10	6.4	6.4
Barium	µg/L	7440-39-3	EPA 6020	**2,000**	MCL	2,000	NE	2,000	80.067	80
Beryllium	µg/L	7440-41-7	EPA 6020	**4.0**	MCL	4.0	NE	4.0	0.2	0.2
Cadmium	µg/L	7440-43-9	EPA 6010	**5.0**	IDEM 2025 PL	5.0	NE	5.0	2.0	2.0
Chromium	µg/L	7440-47-3	EPA 6010	**100**	MCL	100	NE	100	10	10
Cobalt	µg/L	7440-48-4	EPA 6020	**6.0**	MCL	NE	6.0	6.0	2.3	2.3
Fluoride	mg/L	16984-48-8	EPA 9056	**4.0**	MCL	4.0	NE	4.0	0.1	0.14
Lead	µg/L	7439-92-1	EPA 6010	**15**	ANMC	10	15	10	10	10
Lithium	µg/L	7439-93-2	EPA 6010	**40**	ANMC	NE	40	40	20	20
Mercury	µg/L	7439-97-6	EPA 7470	**2.0**	MCL	2.0	NE	2.0	2.0	2.0
Molybdenum	µg/L	7439-98-7	EPA 6010	**100**	ANMC	NE	100	100	10	10
Radium, Total	pCi/L	7440-14-4	Calculation	**5.0**	MCL	5.0	NE	NE	2.0984	2.10
Selenium	µg/L	7782-49-2	EPA 6020	**50**	MCL	50	NE	50	1.3	1.3
Thallium	µg/L	7440-28-0	EPA 6020	**2.0**	MCL	2.0	NE	2.0	1.0	1.0

Abbreviations & Notes

IDEM = Indiana Department of Environmental Management
NA = Not Analyzed
NE = Not Established
pCi/L = Picocuries per liter
µg/L = Micrograms per liter
mg/L = Milligrams per liter
U.S. EPA = United States Environmental Protection Agency

IDEM has an established a GWPS of 4 mg/L for boron.
U.S. EPA's Amendments to the National Minimum Criteria (ANMC), Disposal of Coal Combustion Residuals from Electric Utilities; effective August 29, 2018.
Raw prediction limits are rounded based on analytical instrument sensitivity to generate functional prediction limits.
IDEM Phase II parameters incorperated by reference to 40 CFR 257 Appendix IV.
Total Radium MCL based on 40 CFR 141.66

TABLE 5B

GROUNDWATER PROTECTION STANDARDS
INTERMEDIATE ZONE

Appendix III Constituents	Units	Chemical Abstract Services Number (or alternative ID)	Analytical Method	Groundwater Protection Standard (GWPS)	GWPS Origin	Maximum Contaminant Level (MCL)	U.S. EPA Amendments to National Minimum Criteria (ANMC)	IDEM 2025 Residential Tapwater Published Levels	Raw Prediction Limit as of: May 2025	Functional Prediction Limit as of: May 2025
pH (Lower Bound)	S.U.	PHLow	SM 4500-H+B	**NE**	Not Applicable	NE	NE	NE	NA	NA
pH (Upper Bound)	S.U.	PHHigh	SM 4500-H+B	**NE**	Not Applicable	NE	NE	NE	NA	NA
Calcium	µg/L	7440-70-2	EPA 6010	**NE**	Not Applicable	NE	NE	NE	NA	NA
Chloride	mg/L	16887-00-6	EPA 9056	**NE**	Not Applicable	NE	NE	NE	NA	NA
Fluoride	mg/L	16984-48-8	EPA 9056	**NE**	Not Applicable	4,000	NE	4,000	NA	NA
Sulfate	mg/L	14808-79-8	EPA 9056	**NE**	Not Applicable	NE	NE	NE	NA	NA
Total Dissolved Solids	mg/L	TDS	SM 2540C	**NE**	Not Applicable	NE	NE	NE	NA	NA
Appendix IV Constituents	**Units**									
Antimony	µg/L	7440-36-0	EPA 6020	**6.0**	MCL	6.0	NE	6.0	1.0	1.0
Arsenic	µg/L	7440-38-2	EPA 6020	**10**	MCL	10	NE	10	1	1.0
Barium	µg/L	7440-39-3	EPA 6020	**2,000**	MCL	2,000	NE	2,000	91.8055	91.8
Beryllium	µg/L	7440-41-7	EPA 6020	**4.0**	MCL	4.0	NE	4.0	0.2	0.2
Cadmium	µg/L	7440-43-9	EPA 6010	**5.0**	IDEM 2025 PL	5.0	NE	5.0	2.0	2.0
Chromium	µg/L	7440-47-3	EPA 6010	**100**	MCL	100	NE	100	10	10
Cobalt	µg/L	7440-48-4	EPA 6020	**6.0**	MCL	NE	6.0	6.0	1.1	1.1
Fluoride	mg/L	16984-48-8	EPA 9056	**4.0**	MCL	4.0	NE	4.0	0.1	0.13
Lead	µg/L	7439-92-1	EPA 6010	**15**	ANMC	10	15	10	10	10
Lithium	µg/L	7439-93-2	EPA 6010	**40**	ANMC	NE	40	40	20	20
Mercury	µg/L	7439-97-6	EPA 7470	**2.0**	MCL	2.0	NE	2.0	2.0	2.0
Molybdenum	µg/L	7439-98-7	EPA 6010	**100**	ANMC	NE	100	100	10	10
Radium, Total	pCi/L	7440-14-4	Calculation	**5.0**	MCL	5.0	NE	NE	2.3368	2.34
Selenium	µg/L	7782-49-2	EPA 6020	**50**	MCL	50	NE	50	3.9	3.9
Thallium	µg/L	7440-28-0	EPA 6020	**2.0**	MCL	2.0	NE	2.0	1.0	1.0

Abbreviations & Notes

IDEM = Indiana Department of Environmental Management
NA = Not Analyzed
NE = Not Established
pCi/L = Picocuries per liter
µg/L = Micrograms per liter
mg/L = Milligrams per liter
U.S. EPA = United States Environmental Protection Agency

IDEM has an established a GWPS of 4 mg/L for boron.
U.S. EPA's Amendments to the National Minimum Criteria (ANMC), Disposal of Coal Combustion Residuals from Electric Utilities; effective August 29, 2018.
Raw prediction limits are rounded based on analytical instrument sensitivity to generate functional prediction limits.
IDEM Phase II parameters incorperated by reference to 40 CFR 257 Appendix IV.
Total Radium MCL based on 40 CFR 141.66

TABLE 5C

GROUNDWATER PROTECTION STANDARDS
DEEP ZONE

Appendix III Constituents	Units	Chemical Abstract Services Number (or alternative ID)	Analytical Method	Groundwater Protection Standard (GWPS)	GWPS Origin	Maximum Contaminant Level (MCL)	U.S. EPA Amendments to National Minimum Criteria (ANMC)	IDEM 2025 Residential Tapwater Published Levels	Raw Prediction Limit as of: May 2025	Functional Prediction Limit as of: May 2025
pH (Lower Bound)	S.U.	PHLow	SM 4500-H+B	**NE**	Not Applicable	NE	NE	NE	NA	NA
pH (Upper Bound)	S.U.	PHHigh	SM 4500-H+B	**NE**	Not Applicable	NE	NE	NE	NA	NA
Calcium	µg/L	7440-70-2	EPA 6010	**NE**	Not Applicable	NE	NE	NE	NA	NA
Chloride	mg/L	16887-00-6	EPA 9056	**NE**	Not Applicable	NE	NE	NE	NA	NA
Fluoride	mg/L	16984-48-8	EPA 9056	**NE**	Not Applicable	4,000	NE	4,000	NA	NA
Sulfate	mg/L	14808-79-8	EPA 9056	**NE**	Not Applicable	NE	NE	NE	NA	NA
Total Dissolved Solids	mg/L	TDS	SM 2540C	**NE**	Not Applicable	NE	NE	NE	NA	NA
Appendix IV Constituents	**Units**									
Antimony	µg/L	7440-36-0	EPA 6020	**6.0**	MCL	6.0	NE	6.0	1.0	1.0
Arsenic	µg/L	7440-38-2	EPA 6020	**10**	MCL	10	NE	10	1.6967	1.7
Barium	µg/L	7440-39-3	EPA 6020	**2,000**	MCL	2,000	NE	2,000	80.8211	80.8
Beryllium	µg/L	7440-41-7	EPA 6020	**4.0**	MCL	4.0	NE	4.0	0.2	0.2
Cadmium	µg/L	7440-43-9	EPA 6010	**5.0**	IDEM 2025 PL	5.0	NE	5.0	2.0	2.0
Chromium	µg/L	7440-47-3	EPA 6010	**100**	MCL	100	NE	100	10	10
Cobalt	µg/L	7440-48-4	EPA 6020	**6.0**	MCL	NE	6.0	6.0	1.0	1.0
Fluoride	mg/L	16984-48-8	EPA 9056	**4.0**	MCL	4.0	NE	4.0	0.1	0.13
Lead	µg/L	7439-92-1	EPA 6010	**15**	ANMC	10	15	10	10	10
Lithium	µg/L	7439-93-2	EPA 6010	**40**	ANMC	NE	40	40	20	20
Mercury	µg/L	7439-97-6	EPA 7470	**2.0**	MCL	2.0	NE	2.0	2.0	2.0
Molybdenum	µg/L	7439-98-7	EPA 6010	**100**	ANMC	NE	100	100	10	10
Radium, Total	pCi/L	7440-14-4	Calculation	**5.0**	MCL	5.0	NE	NE	2.3626	2.36
Selenium	µg/L	7782-49-2	EPA 6020	**50**	MCL	50	NE	50	1.0	1.0
Thallium	µg/L	7440-28-0	EPA 6020	**2.0**	MCL	2.0	NE	2.0	1.0	1.0

Abbreviations & Notes

IDEM = Indiana Department of Environmental Management
NA = Not Analyzed
NE = Not Established
pCi/L = Picocuries per liter
µg/L = Micrograms per liter
mg/L = Milligrams per liter
U.S. EPA = United States Environmental Protection Agency

IDEM has an established a GWPS of 4 mg/L for boron.
U.S. EPA's Amendments to the National Minimum Criteria (ANMC), Disposal of Coal Combustion Residuals from Electric Utilities; effective August 29, 2018.
Raw prediction limits are rounded based on analytical instrument sensitivity to generate functional prediction limits.
IDEM Phase II parameters incorperated by reference to 40 CFR 257 Appendix IV.
Total Radium MCL based on 40 CFR 141.66

APPENDIX A

Groundwater Flow Maps and Velocity Calculations

Groundwater Flow Map – Shallow Zone (May 5, 2025)
Groundwater Flow Map – Intermediate Zone – (May 5, 2025)
Groundwater Flow Map – Deep Zone – (May 5, 2025)
Horizontal Gradient and Seepage Velocity Calculations – May 2025

Shallow Potentiometric Surface Map (November 11, 2025)
Intermediate Potentiometric Surface Map (November 11, 2025)
Deep Potentiometric Surface Map (November 11, 2025)
Horizontal Gradient and Seepage Velocity Calculations– November 2025

P-4
666.01
P-5
665.79
MW-15S
667.28
HARDING STREET STATION
P-6
664.97
665
665
W HANNA AVE
LICK CREEK
S HARDING ST
WHITE RIVER
SG-2
656.21
HA-PZ-2
NM
MW-16S
657.94
M-6
668.27
MW-1S
662.15
660
SG-3
656.21
HA-PZ-3
657.43
MW-17S
<656.71
SG-4
655.55
HA-PZ-4
655.62
MW-8S
657.24
PZ-1
<667.14
P2 PZ-1D
NM
POND 1
MW-2S
664.67
P1 PZ-1D
NM
P3 PZ-1D
NM
POND 3
660
P2A/B PZ-2D
662.86
P2A/B PZ-1D
663.07
POND 2A
POND 2B
FORMER
POND 2
V = 41 FT/YR
PZ-11
NM
MW-10S
662.27
655
PZ-8
<669.26
MW-3S
<654.08
P-2
NM
SG-5
655.71
HA-PZ-5
655.80
P2 PZ-3D
652.06
P2 PZ-2D
NM
MW-7S
657.30
MW-11S
655.55
MW-14D
656.78
M-4
656.66
MW-13S
658.81
MW-6S
660.74
V = 3,240 FT/YR
655
MW-5S
654.24
FORMER
POND 4
650
MW-106S
NM
MW-107S
651.03
V = 1,300 FT/YR
PZ-100S
647.84
PZ-9
650.67
645
640
MW-12S
646.10
650
MW-4SR
647.95
MW-9SR
<643.79
APPROXIMATE
EDGE OF ALLUVIUM
635
645
630
HARDING STREET
QUARRY
V = 1,430 FT/YR
MW-109S
641.07
640
MW-110S
625.87
630
635

LEGEND

- APPROXIMATE LIMITS OF PROPERTY
- LIMITS OF ASH POND SYSTEM
- CCR MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- STAFF GAUGE LOCATION
- NATURE AND EXTENT MONITORING WELL
- 667.91 — GROUNDWATER ELEVATION IN FEET
- GROUNDWATER FLOW DIRECTION
- 660 — GROUNDWATER ELEVATION CONTOUR IN FEET (INFERRED WHERE DASHED)

NOTES

1. AERIAL IMAGE FROM NEARMAP, DATED JULY 11, 2023.
2. ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER ELEVATION CONTOURS DASHED WHERE INFERRED.
4. GROUNDWATER LEVELS SHOWN WERE RECORDED ON MAY 5, 2025.
5. STAFF GAUGE LOCATIONS ARE DISPLAYED, BUT NOT USED FOR CONTOURING GROUNDWATER ELEVATIONS.
6. $V = k(i)/n_e$
   WHERE:
   V = GROUNDWATER FLOW VELOCITY (fT/YEAR)
   k = HORIZONTAL HYDRAULIC CONDUCTIVITY (FT/DAY)
   i = HORIZONTAL GROUNDWATER GRADIENT (FT/FT)
   n_e = ASSUMED EFFECTIVE POROSITY
7. < = WELL WAS DRY, BOTTOM OF SCREEN ELEVATION SHOWN.

N

0 600 1200
SCALE IN FEET

HALEY ALDRICH

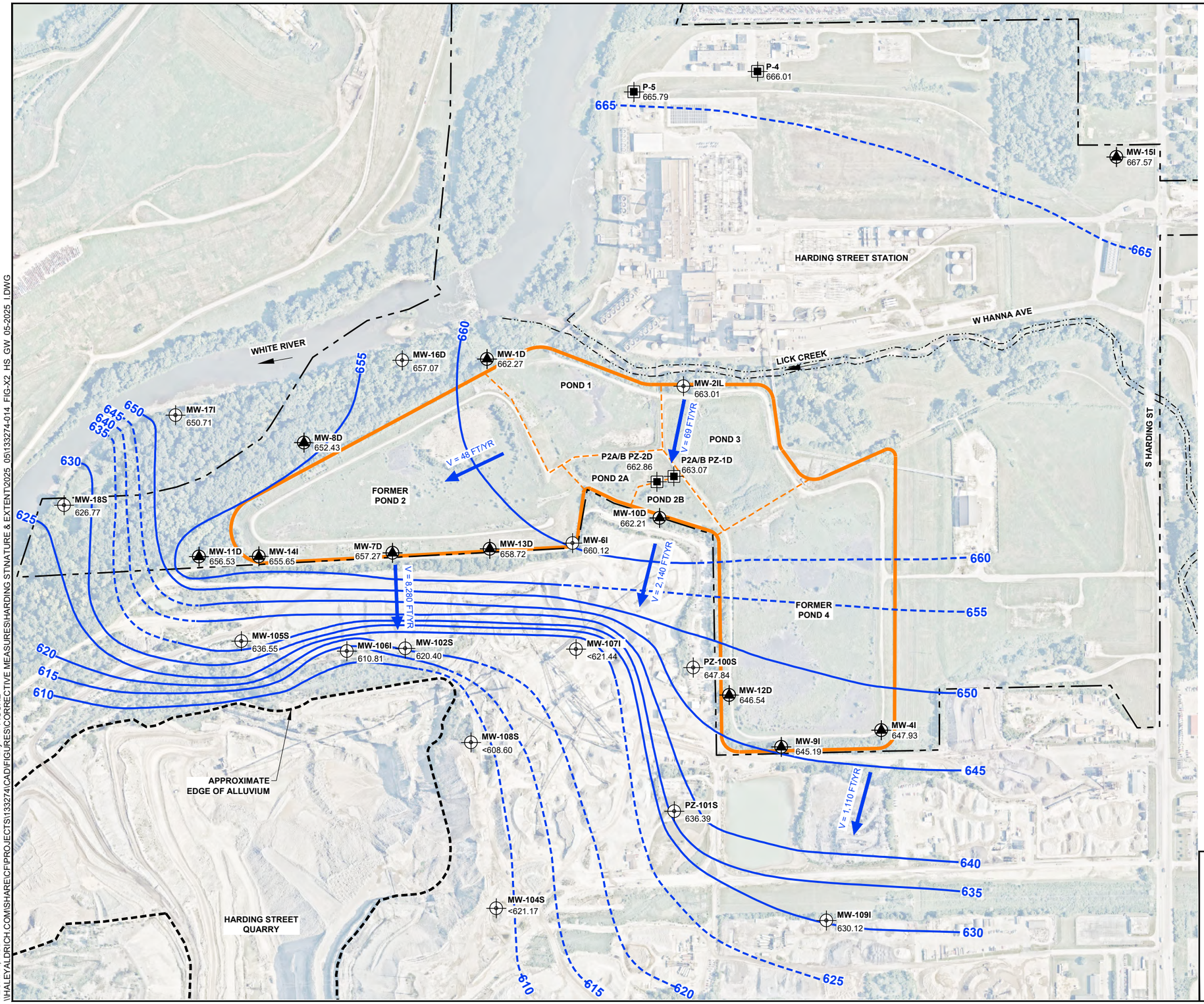
HARDING STREET STATION
INDIANAPOLIS, INDIANA

GROUNDWATER FLOW MAP SHALLOW ZONE (MAY 5, 2025)

SCALE: AS SHOWN
JANUARY 2026

FIGURE 2

Saved: 1/19/2026 5:25 AM
Layout: FIGURE
YEOMAN, ROB
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\133274\CAD\FIGURES\CORRECTIVE MEASURES\HARDING ST\NATURE & EXTENT\2025_05\133274-014_FIG-X1_HS_GW_05-2025_S.DWG



LEGEND

- APPROXIMATE LIMITS OF PROPERTY
- LIMITS OF ASH POND SYSTEM
- CCR MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- STAFF GAUGE LOCATION
- NATURE AND EXTENT MONITORING WELL
- 667.91 — GROUNDWATER ELEVATION IN FEET
- GROUNDWATER FLOW DIRECTION
- 660 — GROUNDWATER ELEVATION CONTOUR IN FEET (INFERRED WHERE DASHED)

NOTES

1. AERIAL IMAGE FROM NEARMAP, DATED JULY 11, 2023.
2. ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER ELEVATION CONTOURS DASHED WHERE INFERRED.
4. GROUNDWATER LEVELS SHOWN WERE RECORDED ON MAY 5, 2025.
5. $V = k(i)/n_e$
   WHERE:
   V = GROUNDWATER FLOW VELOCITY (fT/YEAR)
   k = HORIZONTAL HYDRAULIC CONDUCTIVITY (FT/DAY)
   i = HORIZONTAL GROUNDWATER GRADIENT (FT/FT)
   n_e = ASSUMED EFFECTIVE POROSITY
6. NM = NOT MEASURED
7. < = WELL WAS DRY, BOTTOM OF SCREEN ELEVATION SHOWN.
8. MONITORING WELL MW-11D NOT USED TO DEVELOP GROUNDWATER ELEVATION CONTOURS.

N

0 600 1200
SCALE IN FEET

HALEY ALDRICH

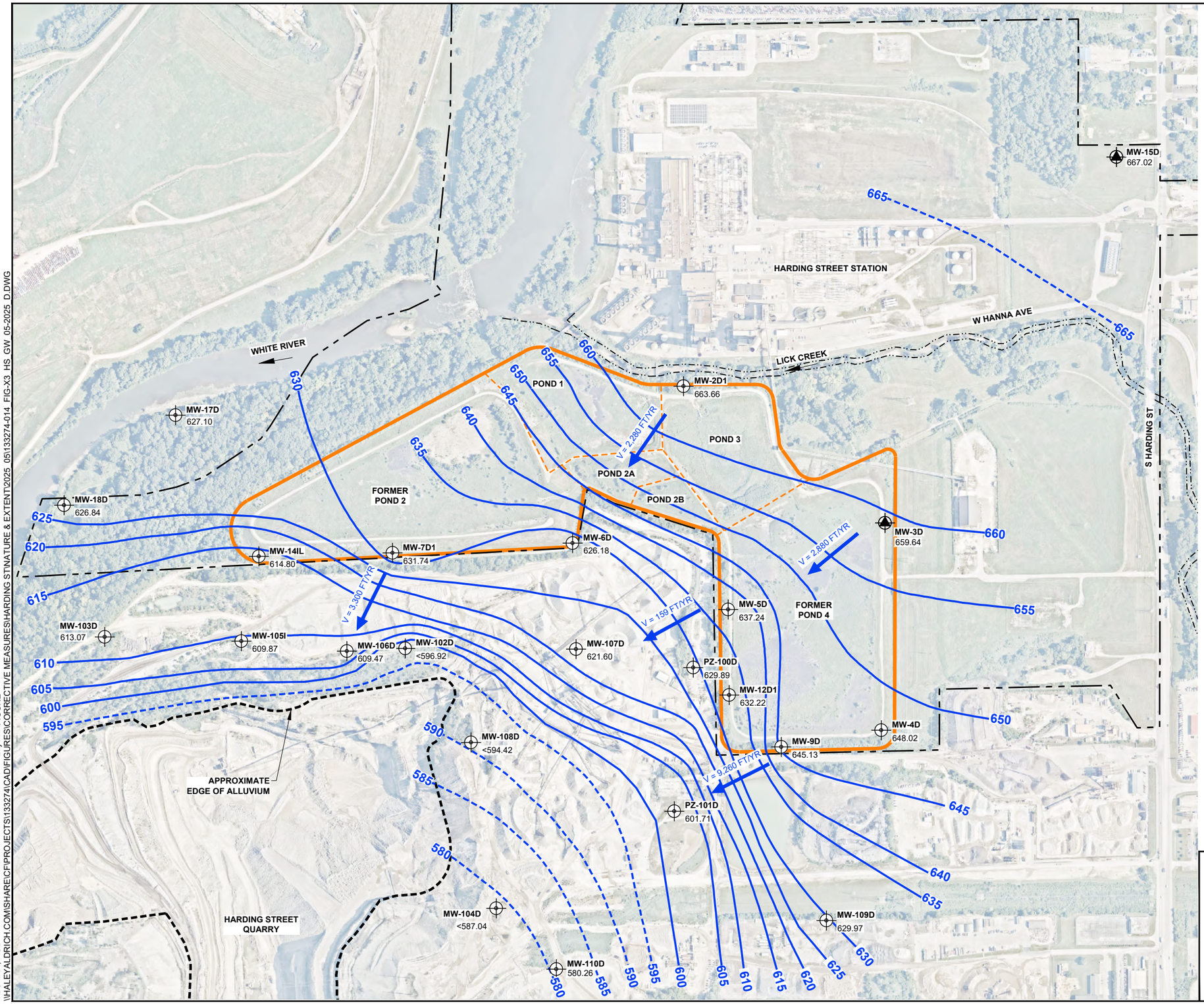
HARDING STREET STATION
INDIANAPOLIS, INDIANA

GROUNDWATER FLOW MAP INTERMEDIATE ZONE (MAY 5, 2025)

SCALE: AS SHOWN
JANUARY 2026

FIGURE 3

YEOMAN, ROB
Saved: 1/19/2026 5:28 AM
Layout: FIGURE
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\133274\CAD\FIGURES\CORRECTIVE MEASURES\HARDING ST\NATURE & EXTENT\2025_05\133274-014_FIG-X2_HS_GW_05-2025_I.DWG



LEGEND

- APPROXIMATE LIMITS OF PROPERTY
- LIMITS OF ASH POND SYSTEM
- CCR MONITORING WELL LOCATION
- STAFF GAUGE LOCATION
- NATURE AND EXTENT MONITORING WELL
- 667.91 — GROUNDWATER ELEVATION IN FEET
- GROUNDWATER FLOW DIRECTION
- 660 — GROUNDWATER ELEVATION CONTOUR IN FEET (INFERRED WHERE DASHED)

NOTES

1. AERIAL IMAGE FROM NEARMAP, DATED JULY 11, 2023.
2. ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER ELEVATION CONTOURS DASHED WHERE INFERRED.
4. GROUNDWATER LEVELS SHOWN WERE RECORDED MAY 5, 2025.
5. $V = k(i)/n_e$
   WHERE:
   V = GROUNDWATER FLOW VELOCITY (fT/YEAR)
   k = HORIZONTAL HYDRAULIC CONDUCTIVITY (FT/DAY)
   i = HORIZONTAL GROUNDWATER GRADIENT (FT/FT)
   n_e = ASSUMED EFFECTIVE POROSITY
6. NM = NOT MEASURED
7. < = WELL WAS DRY, BOTTOM OF SCREEN ELEVATION SHOWN.

N

0 600 1200
SCALE IN FEET

HALEY ALDRICH

HARDING STREET STATION
INDIANAPOLIS, INDIANA

GROUNDWATER FLOW MAP DEEP ZONE (MAY 5, 2025)

SCALE: AS SHOWN
JANUARY 2026

FIGURE 4

YEOMAN, ROB Saved: 1/19/2026 5:30 AM Layout: FIGURE
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\133274\CAD\FIGURES\CORRECTIVE MEASURES\HARDING ST\NATURE & EXTENT2025_05\133274-014 FIG-X3 HS GW 05-2025 D.DWG

TABLE
HORIZONTAL GRADIENT AND SEEPAGE VELOCITY CALCULATIONS - MAY 2025
HARDING STREET STATION
INDIANAPOLIS, INDIANA

Points/Area for Calculation	Area	Flow Zone	Gauging Event	Horizontal Distance - Δ L (ft)	Upgradient Water Elevation (ft MSL)	Downgradient Water Elevation (ft MSL)	Head Difference - Δ H (Ft)	K Upgradient Well (ft/day)	K Downgradient Well (ft/day)	K Average (ft/day)	n_e	Horizontal Gradient - Δ H / Δ L (ft/ft)	Seepage Velocity - V (ft/yr)
MW-2S to MW-14D	Ash Pond System	Shallow	5/5/2025	2750	664.67	656.78	7.89	6.59	16.61	12	0.3	0.0029	41
MW-5S to MW-12S	Ash Pond Sytem	Shallow	5/5/2025	520	654.24	646.1	8.14	--	68.32	68	0.3	0.016	1300
MW-6S to MW-107S	Quarry	Shallow	5/5/2025	640	660.74	651.03	9.71	175.75	--	176	0.3	0.015	3240
MW-109S to MW-110S	Quarry	Shallow	5/5/2025	1650	641.07	625.87	15.20	127.28	--	127	0.3	0.0092	1430
Ash Pond System Geometric Mean (Shallow)												**0.0029**	**41**
Quarry Geometric Mean (Shallow)												**0.013**	**1819**
MW-2IL to MW-10D	Ash Pond System	Intermediate	5/5/2025	805	663.01	662.21	0.80	27.30	86.46	57	0.3	0.0010	69
MW-2IL to MW-14I	Ash Pond System	Intermediate	5/5/2025	2750	663.01	655.65	7.36	27.30	2.13	15	0.3	0.0027	48
MW-4I to MW-109I	Ash Pond System	Intermediate	5/5/2025	1200	647.93	630.12	17.81	34.48	89	62	0.3	0.0148	1110
MW-7D to MW-102S	Quarry	Intermediate	5/5/2025	570	657.27	620.4	36.87	105.17	--	105	0.3	0.065	8280
MW-10D to 650 contour	Quarry	Intermediate	5/5/2025	600	662.21	650.00	12.21	86.46	--	86	0.3	0.020	2140
Ash Pond System Geometric Mean (Intermediate)												**0.0034**	**154**
Quarry Geometric Mean (Intermediate)												**0.026**	**1512**
MW-2D1 to MW-6D	Ash Pond System	Deep	5/5/2025	1155	663.66	626.18	37.48	57.71	57.94	58	0.3	0.032	2280
MW-3D to MW-5D	Ash Pond System	Deep	5/5/2025	1070	659.64	637.24	22.40	218.27	7.92	113	0.3	0.021	2880
MW-7D1 to MW-106D	Quarry	Deep	5/5/2025	650	631.74	609.47	22.27	92.6	65.97	79	0.3	0.034	3300
MW-9D to PZ-101D	Quarry	Deep	5/5/2025	750	645.13	601.71	43.42	247	16	132	0.3	0.058	9260
MW-5D to MW-107D	Quarry	Deep	5/5/2025	945	637.24	621.60	15.64	7.9	-	8	0.3	0.017	159
Ash Pond System Geometric Mean (Deep)												**0.026**	**2560**
Quarry Geometric Mean (Deep)												**0.032**	**1560**

Notes:

Seepage velocity calculation:

$$V = \frac{K(\Delta H / \Delta L)}{n_e} \times 365 \text{ days}$$

Where:

V = Groundwater flow velocity (ft/year)

K= Horizontal hydraulic conductivity (ft/day; K Average used for calculation)

n_e = Assumed effective porosity

ΔH = Head difference

ΔL = Horizontal distance

**See groundwater elevation contours on Groundwater Flow Maps*

K values derived from on-Site measurements (see "Summary of Hydraulic Conductivity Results" table).

K value for a nearby well within the same flow zone are shown in lieu of anomolously high K data (MW-10S for MW-6S and MW-13D for MW-7D)

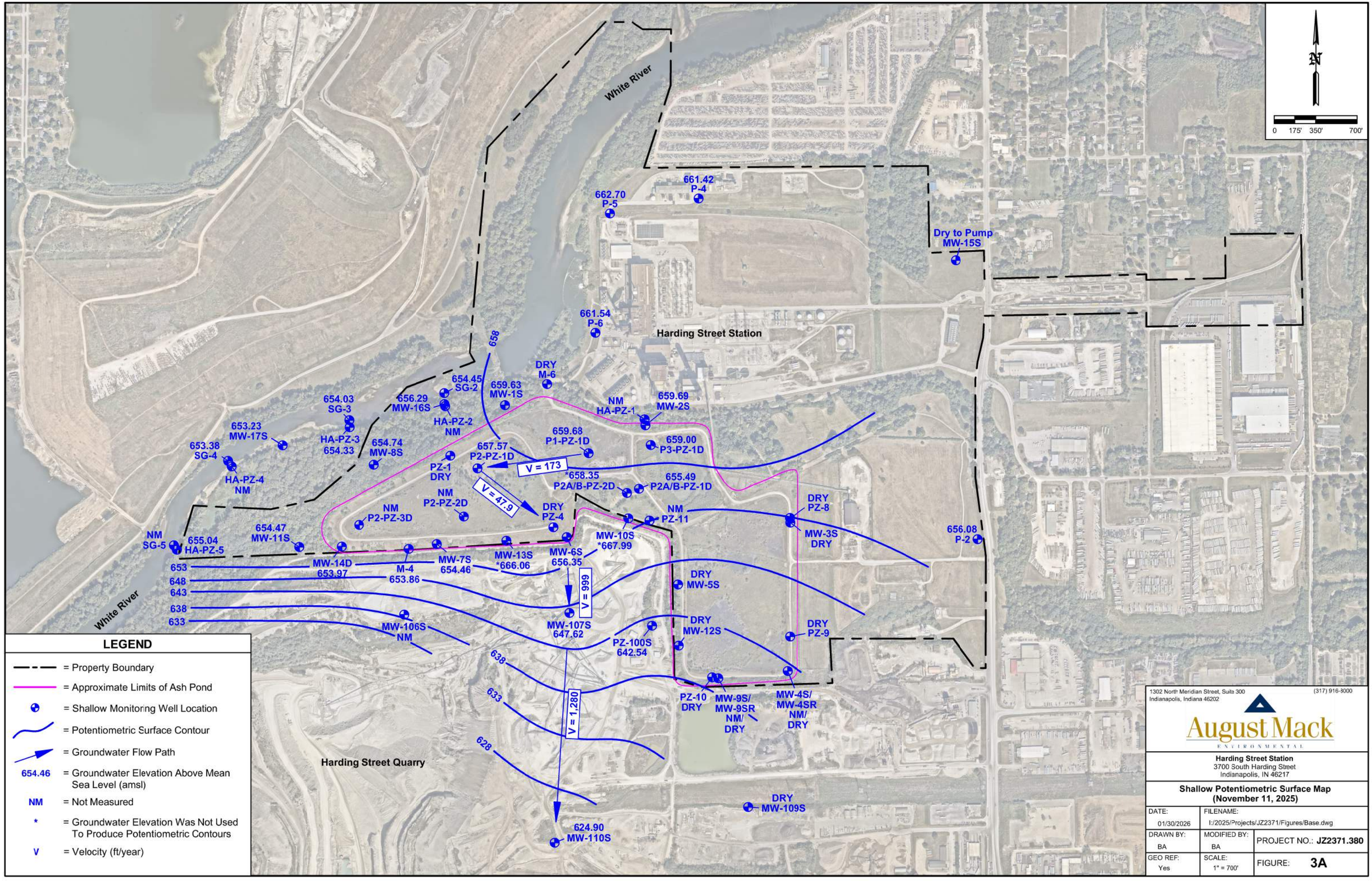
Effective porosity derived from literature values (Woessner and Poeter, 2020)

ft/yr = feet per year

ft MSL = feet above mean sea level

ft/day = feet per day

HALEY ALDRICH



LEGEND

- = Property Boundary
- = Approximate Limits of Ash Pond
- = Shallow Monitoring Well Location
- = Potentiometric Surface Contour
- = Groundwater Flow Path
- 654.46 = Groundwater Elevation Above Mean Sea Level (amsl)
- NM = Not Measured
- * = Groundwater Elevation Was Not Used To Produce Potentiometric Contours
- V = Velocity (ft/year)

1302 North Meridian Street, Suite 300
Indianapolis, Indiana 46202
(317) 916-8000
August Mack ENVIRONMENTAL

Harding Street Station
3700 South Harding Street
Indianapolis, IN 46217

Shallow Potentiometric Surface Map (November 11, 2025)

DATE: 01/30/2026	FILENAME: I:/2025/Projects/JZ2371/Figures/Base.dwg	
DRAWN BY: BA	MODIFIED BY: BA	PROJECT NO.: **JZ2371.380**
GEO REF: Yes	SCALE: 1" = 700'	FIGURE: **3A**

N

0 175' 350' 700'

White River

661.42
P-4

662.70
P-5

661.63
MW-15I

Harding Street Station

658

653

MW-16D
655.20

MW-1D
659.75

656.64
MW-2IL

V = 14.6

V = 41.5

650.48
MW-8D

648.60
MW-17I

648
643
638
633
628
623

620.36
MW-18S

*658.35
P2A/B-PZ-2D

655.49
P2A/B-PZ-1D

656.55
MW-6I

MW-10D
656.48

653.74
MW-11D

MW-14I
652.91

MW-7D
654.47

MW-13D
655.88

V = 7,620

V = 2,140

619.97
MW-102S

MW-105S
633.71

618
613

MW-106I
609.16

MW-107I
619.93

PZ-100S
642.54

640.42
MW-12D

White River

MW-108S
607.76

MW-9I
638.67

MW-4I
641.08

PZ-101S
643.41

Harding Street Quarry

630.79
MW-104S

628

625.57
MW-109I

DRY
MW-110I

LEGEND

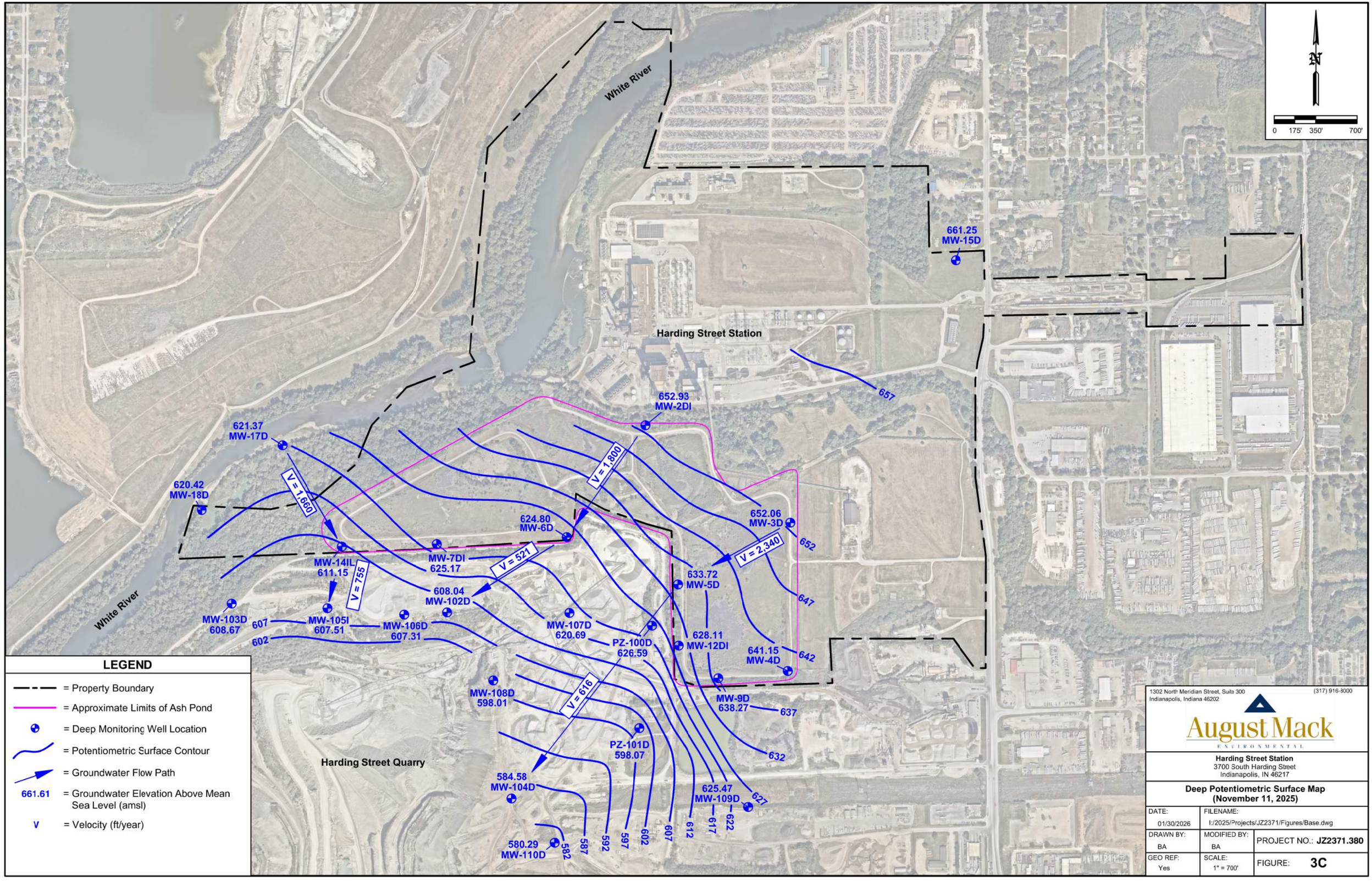
- = Property Boundary
- = Approximate Limits of Ash Pond
- = Intermediate Monitoring Well Location
- = Potentiometric Surface Contour
- = Groundwater Flow Path
- 641.08 = Groundwater Elevation Above Mean Sea Level (amsl)
- * = Groundwater Elevation Was Not Used To Produce Potentiometric Contours
- V = Velocity (ft/year)

1302 North Meridian Street, Suite 300
Indianapolis, Indiana 46202
(317) 916-8000
August Mack ENVIRONMENTAL

Harding Street Station
3700 South Harding Street
Indianapolis, IN 46217

Intermediate Potentiometric Surface Map (November 11, 2025)

DATE: 01/30/2026	FILENAME: I:/2025/Projects/JZ2371/Figures/Base.dwg	
DRAWN BY: BA	MODIFIED BY: BA	PROJECT NO.: **JZ2371.380**
GEO REF: Yes	SCALE: 1" = 700'	FIGURE: **3B**



LEGEND

- = Property Boundary
- = Approximate Limits of Ash Pond
- = Deep Monitoring Well Location
- = Potentiometric Surface Contour
- = Groundwater Flow Path
- 661.61 = Groundwater Elevation Above Mean Sea Level (amsl)
- V = Velocity (ft/year)

1302 North Meridian Street, Suite 300
Indianapolis, Indiana 46202
(317) 916-8000

August Mack ENVIRONMENTAL

Harding Street Station
3700 South Harding Street
Indianapolis, IN 46217

Deep Potentiometric Surface Map (November 11, 2025)

DATE: 01/30/2026	FILENAME: I:/2025/Projects/JZ2371/Figures/Base.dwg	
DRAWN BY: BA	MODIFIED BY: BA	PROJECT NO.: **JZ2371.380**
GEO REF: Yes	SCALE: 1" = 700'	FIGURE: **3C**

VELOCITY CALCULATIONS

AES INDANA
HARDING STREET STATION

MULTI-UNIT ASHPPOND - NOVEMBER 2025

Guuging Period			Area	Flow Zone	Selected Flow Path*			L (ft)	h_1 (ft amsl)	h_2 (ft amsl)	ΔH (ft)	i (ft/ft)	^K_1 (ft/day)	^K_2 (ft/day)	K (ft/day)	n_e	V_s (ft/day)
11/11/2025	-	11/11/2025	APS	Shallow	**P1-PZ-1D**	--→	**MW-6S**	730	659.68	656.35	3.33	0.00456		31.1	31	0.3	173
11/11/2025	-	11/11/2025	Quarry		**MW-6S**	--→	**MW-107S**	640	656.35	647.62	8.73	0.0136	31.1	89.15	60	0.3	999
11/11/2025	-	11/11/2025	Quarry		**MW-107S**	--→	**MW-110S**	1930	647.62	624.9	22.72	0.0118	89.15		89	0.3	1280
11/11/2025	-	11/11/2025	APS	Intermediate	**MW-2IL**	--→	**MW-10D**	760	656.64	656.48	0.16	0.000211	27.3	86.51	57	0.3	14.6
11/11/2025	-	11/11/2025	Quarry		**MW-10D**	--→	**MW-107I**	940	656.48	619.93	36.55	0.0389	86.51	3.744	45	0.3	2140
11/11/2025	-	11/11/2025	APS		**MW-16D**	--→	**MW-7D**	1160	655.2	654.47	0.73	0.000629	3.174	105.2	54	0.3	41.5
11/11/2025	-	11/11/2025	Quarry		**MW-7D**	--→	**MW-102S**	580	654.47	619.59	34.88	0.0601	105.2		110	0.3	7700
11/11/2025	-	11/12/2025	APS	Deep	**MW-17D**	--→	**MW-14IL**	970	621.37	611.15	10.22	0.0105	129.3		130	0.3	1660
11/11/2025	-	11/12/2025	Quarry		**MW-14IL**	--→	**MW-105I**	520	611.15	607.51	3.64	0.007		88.62	89	0.3	755
11/11/2025	-	11/13/2025	APS		**MW-2D1**	--→	**MW-6D**	1100	652.93	624.8	28.13	0.0256	57.71	57.94	58	0.3	1800
11/11/2025	-	11/13/2025	Quarry		**MW-6D**	--→	**MW-102D**	1200	624.8	608.42	16.38	0.0137	57.94	3.327	31	0.3	509
11/11/2025	-	11/11/2025	APS		**MW-3D**	--→	**MW-5D**	1080	652.06	633.72	18.34	0.017	218.3	7.925	110	0.3	2340
11/11/2025	-	11/11/2025	Quarry		**MW-5D**	--→	**MW-104D**	2270	633.72	584.58	49.14	0.0216	7.925	194.7	100	1.3	616

*Based on calculated contours elevation depicted on potentiometric surface maps

		Area	i (ft/ft)	V_s (ft/day)
Geometric Mean	Shallow	APS	0.00456	173
		Quarry	0.0127	1130
	Intermediate	APS	0.000364	24.6
		Quarry	0.0484	4060
	Deep	APS	0.0166	1910
		Quarry	0.0127	620

Notes:

ft = feet

ft/day = feet per day

ft amsl = feet above mean sea level

K_1 = upgradient hydraulic conducivity

K_2 = downgradient conducivity

L = rounded up to the nearest 10-foot interval

K = rounded to two signifcant figures

V_s and i = rounded to three significant figures

$$\Delta H = h_1 - h_2$$

Δ H = change in head

h_1 = upgradient head

h_2 = downgradient head

$$i = \frac{\Delta H}{L}$$

i = hydraulic gradient

L = distance along flow path

$$Vs = \frac{K \times i}{n_e} \times 365.25$$

V_s = seepage velocity

K = average hydraulic conductivity

n_e = effective porosity

Values for K_1 & K_2 are derived using the geometric mean of calculated K values across all rising and falling head tests performed at a location along the selected flow path (2014-2022).

Calculated K value for MW-7D was anomolously high (915.9 ft/day), as such the calculated K vlaue for MW-13D was used to calculate V_s

APPENDIX B

Laboratory Analytical Reports

Appendix B.1 – November 2024 Event

Appendix B.3 – May 2025 Event

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Dear Mr. Breting:

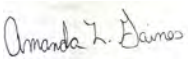
Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50386725001	**MW-4D**	Water	11/01/24 10:50	11/01/24 16:00
50386725002	**MW-4I**	Water	11/01/24 13:00	11/01/24 16:00
50386725003	**MW-9D**	Water	11/01/24 14:36	11/01/24 16:00
50386725004	**MW-9I**	Water	11/01/24 13:50	11/01/24 16:00
50386725005	**DUP-3**	Water	11/01/24 08:00	11/01/24 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50386725001	**MW-4D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386725002	**MW-4I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386725003	**MW-9D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386725004	**MW-9I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386725005	**DUP-3**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386725001	**MW-4D**					
EPA 9056	Chloride	91.7	mg/L	2.5	11/05/24 14:38	
EPA 9056	Fluoride	0.22	mg/L	0.10	11/05/24 14:19	
EPA 9056	Sulfate	56.1	mg/L	2.5	11/05/24 14:38	
EPA 6010	Barium	76.0	ug/L	10.0	11/15/24 12:35	
EPA 6010	Boron	229	ug/L	100	11/15/24 12:35	
EPA 6010	Calcium	86900	ug/L	1000	11/15/24 12:35	
EPA 6010	Iron	1870	ug/L	100	11/15/24 12:35	
EPA 6010	Magnesium	23100	ug/L	1000	11/15/24 12:35	
EPA 6010	Manganese	98.0	ug/L	10.0	11/15/24 12:35	
EPA 6010	Potassium	3100	ug/L	1000	11/15/24 12:35	
EPA 6010	Sodium	62900	ug/L	1000	11/15/24 12:35	
EPA 6020	Arsenic	2.1	ug/L	1.0	11/08/24 07:49	
EPA 903.1	Radium-226	0.637 ± 0.773 (1.28) C:NA T:96%	pCi/L		11/15/24 15:08	
EPA 904.0	Radium-228	1.08 ± 0.533 (0.941) C:78% T:84%	pCi/L		11/14/24 12:50	
Total Radium Calculation	Total Radium	1.72 ± 1.31 (2.22)	pCi/L		11/18/24 15:32	
SM 2320B	Alkalinity, Total as CaCO3	256	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	256	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	465	mg/L	10.0	11/02/24 08:29	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/05/24 14:35	H3
EPA 353.2	Nitrogen, Nitrate	0.14	mg/L	0.10	11/01/24 20:25	
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	1.0	11/07/24 19:36	
50386725002	**MW-4I**					
EPA 9056	Chloride	101	mg/L	2.5	11/05/24 17:58	
EPA 9056	Fluoride	0.16	mg/L	0.10	11/05/24 17:40	
EPA 9056	Sulfate	57.6	mg/L	2.5	11/05/24 17:58	
EPA 6010	Barium	74.9	ug/L	10.0	11/15/24 11:37	
EPA 6010	Boron	273	ug/L	100	11/15/24 11:37	
EPA 6010	Calcium	88500	ug/L	1000	11/15/24 11:37	
EPA 6010	Iron	1230	ug/L	100	11/15/24 11:37	
EPA 6010	Magnesium	21900	ug/L	1000	11/15/24 11:37	
EPA 6010	Manganese	165	ug/L	10.0	11/15/24 11:37	
EPA 6010	Potassium	2680	ug/L	1000	11/15/24 11:37	
EPA 6010	Sodium	69100	ug/L	1000	11/15/24 11:37	
EPA 6020	Arsenic	2.2	ug/L	1.0	11/08/24 07:53	
EPA 903.1	Radium-226	-0.104 ± 0.537 (1.07) C:NA T:93%	pCi/L		11/15/24 15:08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386725002	**MW-4I**					
EPA 904.0	Radium-228	0.914 ± 0.488 (0.880) C:79% T:89%	pCi/L		11/14/24 12:50	
Total Radium Calculation	Total Radium	0.914 ± 1.03 (1.95)	pCi/L		11/18/24 15:32	
SM 2320B	Alkalinity, Total as CaCO3	258	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	258	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	488	mg/L	10.0	11/02/24 08:30	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/05/24 14:41	H3
EPA 353.2	Nitrogen, Nitrate	0.22	mg/L	0.10	11/01/24 20:34	
SM 5310C	Dissolved Organic Carbon	1.9	mg/L	1.0	11/07/24 19:47	
50386725003	**MW-9D**					
EPA 9056	Chloride	178	mg/L	2.5	11/05/24 18:35	
EPA 9056	Fluoride	0.82	mg/L	0.10	11/05/24 18:16	
EPA 9056	Sulfate	251	mg/L	2.5	11/05/24 18:35	
EPA 6010	Barium	32.3	ug/L	10.0	11/15/24 11:39	
EPA 6010	Boron	2950	ug/L	100	11/15/24 11:39	
EPA 6010	Calcium	119000	ug/L	1000	11/15/24 11:39	
EPA 6010	Iron	1540	ug/L	100	11/15/24 11:39	
EPA 6010	Lithium	21.1	ug/L	20.0	11/15/24 11:39	
EPA 6010	Magnesium	30700	ug/L	1000	11/15/24 11:39	
EPA 6010	Manganese	196	ug/L	10.0	11/15/24 11:39	
EPA 6010	Molybdenum	94.5	ug/L	10.0	11/15/24 11:39	
EPA 6010	Potassium	6360	ug/L	1000	11/15/24 11:39	
EPA 6010	Sodium	176000	ug/L	1000	11/15/24 11:39	
EPA 6010	Molybdenum, Dissolved	87.8	ug/L	10.0	11/13/24 05:15	
EPA 6020	Arsenic	119	ug/L	1.0	11/08/24 08:13	
EPA 903.1	Radium-226	0.909 ± 0.851 (1.35) C:NA T:81%	pCi/L		11/15/24 15:08	
EPA 904.0	Radium-228	0.826 ± 0.548 (1.06) C:77% T:79%	pCi/L		11/14/24 12:50	
Total Radium Calculation	Total Radium	1.74 ± 1.40 (2.41)	pCi/L		11/18/24 15:32	
SM 2320B	Alkalinity, Total as CaCO3	327	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	327	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	940	mg/L	20.0	11/02/24 08:33	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/05/24 14:46	H3
SM 5310C	Dissolved Organic Carbon	2.7	mg/L	1.0	11/07/24 19:58	
50386725004	**MW-9I**					
EPA 9056	Chloride	150	mg/L	2.5	11/05/24 19:29	
EPA 9056	Fluoride	0.78	mg/L	0.10	11/05/24 19:11	
EPA 9056	Sulfate	402	mg/L	2.5	11/05/24 19:29	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386725004	**MW-9I**					
EPA 6010	Barium	39.1	ug/L	10.0	11/15/24 11:41	
EPA 6010	Boron	5400	ug/L	100	11/15/24 11:41	
EPA 6010	Calcium	150000	ug/L	1000	11/15/24 11:41	
EPA 6010	Iron	1460	ug/L	100	11/15/24 11:41	
EPA 6010	Lithium	38.3	ug/L	20.0	11/15/24 11:41	
EPA 6010	Magnesium	36200	ug/L	1000	11/15/24 11:41	
EPA 6010	Manganese	212	ug/L	10.0	11/15/24 11:41	
EPA 6010	Molybdenum	129	ug/L	10.0	11/15/24 11:41	
EPA 6010	Potassium	6490	ug/L	1000	11/15/24 11:41	
EPA 6010	Sodium	144000	ug/L	1000	11/15/24 11:41	
EPA 6010	Molybdenum, Dissolved	119	ug/L	10.0	11/13/24 05:17	
EPA 6020	Arsenic	156	ug/L	1.0	11/08/24 07:57	
EPA 903.1	Radium-226	0.0526 ± 0.644 (1.21) C:NA T:95%	pCi/L		11/15/24 15:08	
EPA 904.0	Radium-228	0.527 ± 0.461 (0.940) C:82% T:83%	pCi/L		11/14/24 12:50	
Total Radium Calculation	Total Radium	0.580 ± 1.11 (2.15)	pCi/L		11/18/24 15:32	
SM 2320B	Alkalinity, Total as CaCO3	280	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	280	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	1020	mg/L	20.0	11/02/24 08:34	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/05/24 14:45	H3
SM 5310C	Dissolved Organic Carbon	2.1	mg/L	1.0	11/07/24 20:34	
50386725005	**DUP-3**					
EPA 9056	Chloride	147	mg/L	2.5	11/05/24 21:37	
EPA 9056	Fluoride	0.78	mg/L	0.10	11/05/24 21:19	
EPA 9056	Sulfate	395	mg/L	2.5	11/05/24 21:37	
EPA 6010	Barium	40.7	ug/L	10.0	11/15/24 11:43	
EPA 6010	Boron	5660	ug/L	100	11/15/24 11:43	
EPA 6010	Calcium	158000	ug/L	1000	11/15/24 11:43	
EPA 6010	Iron	1530	ug/L	100	11/15/24 11:43	
EPA 6010	Lithium	40.4	ug/L	20.0	11/15/24 11:43	
EPA 6010	Magnesium	38100	ug/L	1000	11/15/24 11:43	
EPA 6010	Manganese	222	ug/L	10.0	11/15/24 11:43	
EPA 6010	Molybdenum	131	ug/L	10.0	11/15/24 11:43	
EPA 6010	Potassium	6640	ug/L	1000	11/15/24 11:43	
EPA 6010	Sodium	150000	ug/L	1000	11/15/24 11:43	
EPA 6010	Molybdenum, Dissolved	121	ug/L	10.0	11/13/24 06:01	
EPA 6020	Arsenic	159	ug/L	1.0	11/08/24 08:01	
EPA 903.1	Radium-226	1.14 ± 0.831 (1.25) C:NA T:88%	pCi/L		11/15/24 15:08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386725005	**DUP-3**					
EPA 904.0	Radium-228	0.928 ± 0.498 (0.905) C:86% T:81%	pCi/L		11/14/24 12:50	
Total Radium Calculation	Total Radium	2.07 ± 1.33 (2.16)	pCi/L		11/18/24 15:32	
SM 2320B	Alkalinity, Total as CaCO3	276	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	276	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	1050	mg/L	20.0	11/02/24 08:34	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/05/24 14:32	H3
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	11/07/24 20:45	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-4D **Lab ID: 50386725001** Collected: 11/01/24 10:50 Received: 11/01/24 16:00 Matrix: Water
Comments: • The sampler's name and signature were not listed on the COC.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**91.7**	mg/L	2.5	1.3	10		11/05/24 14:38	16887-00-6	
Fluoride	**0.22**	mg/L	0.10	0.016	1		11/05/24 14:19	16984-48-8	
Sulfate	**56.1**	mg/L	2.5	1.9	10		11/05/24 14:38	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**76.0**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:35	7440-39-3	
Boron	**229**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:35	7440-42-8	
Calcium	**86900**	ug/L	1000	83.9	1	11/11/24 09:39	11/15/24 12:35	7440-70-2	
Iron	**1870**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:35	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:35	7439-93-2	
Magnesium	**23100**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:35	7439-95-4	
Manganese	**98.0**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:35	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:35	7439-98-7	
Potassium	**3100**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:35	7440-09-7	
Sodium	**62900**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 12:35	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:02	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/06/24 09:00	11/08/24 07:49	7440-36-0	
Arsenic	**2.1**	ug/L	1.0	0.080	1	11/06/24 09:00	11/08/24 07:49	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/06/24 09:00	11/08/24 07:49	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/06/24 09:00	11/08/24 07:49	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**256**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**256**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**465**	mg/L	10.0	10.0	1		11/02/24 08:29		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/05/24 14:35		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-4D **Lab ID: 50386725001** Collected: 11/01/24 10:50 Received: 11/01/24 16:00 Matrix: Water

Comments: • The sampler's name and signature were not listed on the COC.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:27	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.14**	mg/L	0.10	0.013	1		11/01/24 20:25	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	1.0	0.25	1		11/07/24 19:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-4I **Lab ID: 50386725002** Collected: 11/01/24 13:00 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**101**	mg/L	2.5	1.3	10		11/05/24 17:58	16887-00-6	
Fluoride	**0.16**	mg/L	0.10	0.016	1		11/05/24 17:40	16984-48-8	
Sulfate	**57.6**	mg/L	2.5	1.9	10		11/05/24 17:58	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**74.9**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 11:37	7440-39-3	
Boron	**273**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 11:37	7440-42-8	
Calcium	**88500**	ug/L	1000	83.9	1	11/11/24 09:39	11/15/24 11:37	7440-70-2	
Iron	**1230**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 11:37	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 11:37	7439-93-2	
Magnesium	**21900**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 11:37	7439-95-4	
Manganese	**165**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 11:37	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 11:37	7439-98-7	
Potassium	**2680**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 11:37	7440-09-7	
Sodium	**69100**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 11:37	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:04	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/06/24 09:00	11/08/24 07:53	7440-36-0	
Arsenic	**2.2**	ug/L	1.0	0.080	1	11/06/24 09:00	11/08/24 07:53	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/06/24 09:00	11/08/24 07:53	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/06/24 09:00	11/08/24 07:53	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**258**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**258**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**488**	mg/L	10.0	10.0	1		11/02/24 08:30		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/05/24 14:41		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-4I **Lab ID: 50386725002** Collected: 11/01/24 13:00 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:27	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.22**	mg/L	0.10	0.013	1		11/01/24 20:34	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.9**	mg/L	1.0	0.25	1		11/07/24 19:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-9D **Lab ID: 50386725003** Collected: 11/01/24 14:36 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**178**	mg/L	2.5	1.3	10		11/05/24 18:35	16887-00-6	
Fluoride	**0.82**	mg/L	0.10	0.016	1		11/05/24 18:16	16984-48-8	
Sulfate	**251**	mg/L	2.5	1.9	10		11/05/24 18:35	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**32.3**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 11:39	7440-39-3	
Boron	**2950**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 11:39	7440-42-8	
Calcium	**119000**	ug/L	1000	83.9	1	11/11/24 09:39	11/15/24 11:39	7440-70-2	
Iron	**1540**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 11:39	7439-89-6	
Lithium	**21.1**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 11:39	7439-93-2	
Magnesium	**30700**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 11:39	7439-95-4	
Manganese	**196**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 11:39	7439-96-5	
Molybdenum	**94.5**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 11:39	7439-98-7	
Potassium	**6360**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 11:39	7440-09-7	
Sodium	**176000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 11:39	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**87.8**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:15	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/06/24 09:00	11/08/24 08:13	7440-36-0	
Arsenic	**119**	ug/L	1.0	0.080	1	11/06/24 09:00	11/08/24 08:13	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/06/24 09:00	11/08/24 08:13	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/06/24 09:00	11/08/24 08:13	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**327**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**327**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**940**	mg/L	20.0	20.0	1		11/02/24 08:33		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/05/24 14:46		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-9D **Lab ID: 50386725003** Collected: 11/01/24 14:36 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:28	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/01/24 20:42	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.7**	mg/L	1.0	0.25	1		11/07/24 19:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-9I **Lab ID: 50386725004** Collected: 11/01/24 13:50 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**150**	mg/L	2.5	1.3	10		11/05/24 19:29	16887-00-6	
Fluoride	**0.78**	mg/L	0.10	0.016	1		11/05/24 19:11	16984-48-8	
Sulfate	**402**	mg/L	2.5	1.9	10		11/05/24 19:29	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**39.1**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 11:41	7440-39-3	
Boron	**5400**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 11:41	7440-42-8	
Calcium	**150000**	ug/L	1000	83.9	1	11/11/24 09:39	11/15/24 11:41	7440-70-2	
Iron	**1460**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 11:41	7439-89-6	
Lithium	**38.3**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 11:41	7439-93-2	
Magnesium	**36200**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 11:41	7439-95-4	
Manganese	**212**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 11:41	7439-96-5	
Molybdenum	**129**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 11:41	7439-98-7	
Potassium	**6490**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 11:41	7440-09-7	
Sodium	**144000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 11:41	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**119**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:17	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/06/24 09:00	11/08/24 07:57	7440-36-0	
Arsenic	**156**	ug/L	1.0	0.080	1	11/06/24 09:00	11/08/24 07:57	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/06/24 09:00	11/08/24 07:57	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/06/24 09:00	11/08/24 07:57	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**280**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**280**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1020**	mg/L	20.0	20.0	1		11/02/24 08:34		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/05/24 14:45		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-9I **Lab ID: 50386725004** Collected: 11/01/24 13:50 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:27	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/01/24 20:40	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.1**	mg/L	1.0	0.25	1		11/07/24 20:34		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: DUP-3 **Lab ID: 50386725005** Collected: 11/01/24 08:00 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**147**	mg/L	2.5	1.3	10		11/05/24 21:37	16887-00-6	
Fluoride	**0.78**	mg/L	0.10	0.016	1		11/05/24 21:19	16984-48-8	
Sulfate	**395**	mg/L	2.5	1.9	10		11/05/24 21:37	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**40.7**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 11:43	7440-39-3	
Boron	**5660**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 11:43	7440-42-8	
Calcium	**158000**	ug/L	1000	83.9	1	11/11/24 09:39	11/15/24 11:43	7440-70-2	
Iron	**1530**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 11:43	7439-89-6	
Lithium	**40.4**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 11:43	7439-93-2	
Magnesium	**38100**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 11:43	7439-95-4	
Manganese	**222**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 11:43	7439-96-5	
Molybdenum	**131**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 11:43	7439-98-7	
Potassium	**6640**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 11:43	7440-09-7	
Sodium	**150000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 11:43	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**121**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 06:01	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/06/24 09:00	11/08/24 08:01	7440-36-0	
Arsenic	**159**	ug/L	1.0	0.080	1	11/06/24 09:00	11/08/24 08:01	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/06/24 09:00	11/08/24 08:01	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/06/24 09:00	11/08/24 08:01	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**276**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**276**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1050**	mg/L	20.0	20.0	1		11/02/24 08:34		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/05/24 14:32		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: DUP-3 **Lab ID: 50386725005** Collected: 11/01/24 08:00 Received: 11/01/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:26	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/01/24 21:11	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.25	1		11/07/24 20:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817028
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3737726 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/05/24 08:44	
Fluoride	mg/L	ND	0.10	0.016	11/05/24 08:44	
Sulfate	mg/L	ND	0.25	0.19	11/05/24 08:44	

LABORATORY CONTROL SAMPLE: 3737727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	97	80-120	
Fluoride	mg/L	1	1.0	104	80-120	
Sulfate	mg/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3737736 3737737

Parameter	Units	50386725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	91.7	25	25	114	114	89	88	80-120	0	15	
Fluoride	mg/L	0.22	1	1	1.3	1.3	106	107	80-120	0	15	
Sulfate	mg/L	56.1	50	50	103	102	93	92	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817322
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3738947 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/15/24 11:31	
Boron	ug/L	ND	100	5.6	11/15/24 11:31	
Calcium	ug/L	ND	1000	83.9	11/15/24 11:31	
Iron	ug/L	ND	100	41.0	11/15/24 11:31	
Lithium	ug/L	ND	20.0	3.8	11/15/24 11:31	
Magnesium	ug/L	ND	1000	53.7	11/15/24 11:31	
Manganese	ug/L	ND	10.0	0.77	11/15/24 11:31	
Molybdenum	ug/L	ND	10.0	1.4	11/15/24 11:31	
Potassium	ug/L	ND	1000	113	11/15/24 11:31	
Sodium	ug/L	ND	1000	95.0	11/15/24 11:31	

LABORATORY CONTROL SAMPLE: 3738949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1030	103	80-120	
Boron	ug/L	1000	1010	101	80-120	
Calcium	ug/L	10000	10500	105	80-120	
Iron	ug/L	10000	10300	103	80-120	
Lithium	ug/L	1000	1020	102	80-120	
Magnesium	ug/L	10000	10300	103	80-120	
Manganese	ug/L	1000	1030	103	80-120	
Molybdenum	ug/L	1000	1060	106	80-120	
Potassium	ug/L	10000	10300	103	80-120	
Sodium	ug/L	10000	10200	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738950 3738951

Parameter	Units	50386830001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	437	1000	1000	1460	1470	102	104	75-125	1	20	
Boron	ug/L	143	1000	1000	1170	1180	103	104	75-125	1	20	
Calcium	ug/L	277000	10000	10000	281000	284000	35	65	75-125	1	20	E,P6
Iron	ug/L	55800	10000	10000	65900	67000	101	112	75-125	2	20	
Lithium	ug/L	51.8	1000	1000	1040	1030	99	98	75-125	1	20	
Magnesium	ug/L	90200	10000	10000	98900	101000	87	104	75-125	2	20	
Manganese	ug/L	1690	1000	1000	2620	2640	93	95	75-125	1	20	
Molybdenum	ug/L	54.6	1000	1000	1080	1080	102	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738950 3738951

Parameter	Units	50386830001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	15700	10000	10000	30200	31300	145	156	75-125	3	20	M3
Sodium	ug/L	308000	10000	10000	310000	312000	17	42	75-125	1	20	E,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817279
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3738753 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/13/24 04:57	

LABORATORY CONTROL SAMPLE: 3738754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738755 3738756

Parameter	Units	50386725002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	959	1000	95	100	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817170
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3738284 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/08/24 05:34	
Arsenic	ug/L	ND	1.0	0.080	11/08/24 05:34	
Cobalt	ug/L	ND	1.0	0.045	11/08/24 05:34	
Selenium	ug/L	ND	1.0	0.26	11/08/24 05:34	

LABORATORY CONTROL SAMPLE: 3738285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.8	102	80-120	
Arsenic	ug/L	40	38.2	96	80-120	
Cobalt	ug/L	40	41.4	103	80-120	
Selenium	ug/L	40	40.2	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738286 3738287

Parameter	Units	50386725003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.3	43.3	106	108	75-125	2	20	
Arsenic	ug/L	119	40	40	161	165	104	114	75-125	3	20	
Cobalt	ug/L	ND	40	40	38.6	39.8	96	99	75-125	3	20	
Selenium	ug/L	ND	40	40	40.6	42.1	101	105	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817529 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3740063 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/07/24 11:34	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 11:34	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 11:34	

LABORATORY CONTROL SAMPLE: 3740064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	90-110	

SAMPLE DUPLICATE: 3740065

Parameter	Units	50386887002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	48.0	49.6	3	20	R1
Alkalinity,Bicarbonate (CaCO3)	mg/L	48.0	49.6	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<10.0	ND		20	

SAMPLE DUPLICATE: 3740066

Parameter	Units	50386840003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	163	167	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	150	154	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	13.6	13.2	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 816734
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002

METHOD BLANK: 3736725 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/02/24 08:13	

LABORATORY CONTROL SAMPLE: 3736726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	273	91	80-120	

SAMPLE DUPLICATE: 3736727

Parameter	Units	50386686001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	4220	4310	2	10	

SAMPLE DUPLICATE: 3736728

Parameter	Units	50386496001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	325	330	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 816735
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725003, 50386725004, 50386725005

METHOD BLANK: 3736729 Matrix: Water
Associated Lab Samples: 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/02/24 08:33	

LABORATORY CONTROL SAMPLE: 3736730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	297	99	80-120	

SAMPLE DUPLICATE: 3736731

Parameter	Units	50386725003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	940	936	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817100
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

SAMPLE DUPLICATE: 3737905

Parameter	Units	50386631001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.0	1	2	H3

SAMPLE DUPLICATE: 3737906

Parameter	Units	50386817002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.3	2	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817109 | Analysis Method: HACH 8146
QC Batch Method: HACH 8146 | Analysis Description: Iron, Ferrous
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3737952 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Ferrous	mg/L	ND	0.20	0.14	11/05/24 12:31	H3,N2

LABORATORY CONTROL SAMPLE: 3737953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	1	1.0	100	90-110	H3,N2

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3737954 3737955

Parameter	Units	50386610002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	ND	1	1	1.0	1.0	98	98	90-110	0	20	H3,N2

MATRIX SPIKE SAMPLE: 3737956

Parameter	Units	50386725002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	ND	1	1.0	103	90-110	H3,N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 816719
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725005

METHOD BLANK: 3736447 Matrix: Water
Associated Lab Samples: 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/01/24 19:27	

LABORATORY CONTROL SAMPLE: 3736448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3736449 3736450

Parameter	Units	50386710004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.93	0.94	92	93	90-110	1	20	

MATRIX SPIKE SAMPLE: 3736451

Parameter	Units	50386642001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	0.99	99	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 816720 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004

METHOD BLANK: 3736452 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/01/24 20:21	

LABORATORY CONTROL SAMPLE: 3736453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3736454 3736455

Parameter	Units	50386725002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.22	1	1	1.2	1.3	103	104	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 817311 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3738911 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/07/24 19:15	

LABORATORY CONTROL SAMPLE: 3738912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738913 3738914

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.6	10	10	14.8	14.0	112	104	80-120	5	15	

MATRIX SPIKE SAMPLE: 3738915

Parameter	Units	50386958004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	2.3	10	12.2	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-4D **Lab ID: 50386725001** Collected: 11/01/24 10:50 Received: 11/01/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Comments: • The sampler's name and signature were not listed on the COC.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.637 ± 0.773 (1.28) C:NA T:96%**	pCi/L	11/15/24 15:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.08 ± 0.533 (0.941) C:78% T:84%**	pCi/L	11/14/24 12:50	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.72 ± 1.31 (2.22)**	pCi/L	11/18/24 15:32	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-4I **Lab ID: 50386725002** Collected: 11/01/24 13:00 Received: 11/01/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.104 ± 0.537 (1.07) C:NA T:93%**	pCi/L	11/15/24 15:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.914 ± 0.488 (0.880) C:79% T:89%**	pCi/L	11/14/24 12:50	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.914 ± 1.03 (1.95)**	pCi/L	11/18/24 15:32	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-9D **Lab ID: 50386725003** Collected: 11/01/24 14:36 Received: 11/01/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.909 ± 0.851 (1.35) C:NA T:81%**	pCi/L	11/15/24 15:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.826 ± 0.548 (1.06) C:77% T:79%**	pCi/L	11/14/24 12:50	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.74 ± 1.40 (2.41)**	pCi/L	11/18/24 15:32	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: MW-9I **Lab ID: 50386725004** Collected: 11/01/24 13:50 Received: 11/01/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0526 ± 0.644 (1.21) C:NA T:95%**	pCi/L	11/15/24 15:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.527 ± 0.461 (0.940) C:82% T:83%**	pCi/L	11/14/24 12:50	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.580 ± 1.11 (2.15)**	pCi/L	11/18/24 15:32	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Sample: DUP-3 **Lab ID: 50386725005** Collected: 11/01/24 08:00 Received: 11/01/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.14 ± 0.831 (1.25) C:NA T:88%**	pCi/L	11/15/24 15:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.928 ± 0.498 (0.905) C:86% T:81%**	pCi/L	11/14/24 12:50	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.07 ± 1.33 (2.16)**	pCi/L	11/18/24 15:32	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 707583
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3444638 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.289 ± 0.317 (0.656) C:81% T:89%	pCi/L	11/14/24 14:46	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

QC Batch: 707582
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

METHOD BLANK: 3444637 Matrix: Water
Associated Lab Samples: 50386725001, 50386725002, 50386725003, 50386725004, 50386725005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.0943 ± 0.262 (0.618) C:NA T:91%	pCi/L	11/15/24 14:53	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50386725001	**MW-4D**	EPA 9056	817028		
50386725002	**MW-4I**	EPA 9056	817028		
50386725003	**MW-9D**	EPA 9056	817028		
50386725004	**MW-9I**	EPA 9056	817028		
50386725005	**DUP-3**	EPA 9056	817028		
50386725001	**MW-4D**	EPA 3010	817322	EPA 6010	819195
50386725002	**MW-4I**	EPA 3010	817322	EPA 6010	819195
50386725003	**MW-9D**	EPA 3010	817322	EPA 6010	819195
50386725004	**MW-9I**	EPA 3010	817322	EPA 6010	819195
50386725005	**DUP-3**	EPA 3010	817322	EPA 6010	819195
50386725001	**MW-4D**	EPA 3010	817279	EPA 6010	818596
50386725002	**MW-4I**	EPA 3010	817279	EPA 6010	818596
50386725003	**MW-9D**	EPA 3010	817279	EPA 6010	818596
50386725004	**MW-9I**	EPA 3010	817279	EPA 6010	818596
50386725005	**DUP-3**	EPA 3010	817279	EPA 6010	818596
50386725001	**MW-4D**	EPA 200.2	817170	EPA 6020	817477
50386725002	**MW-4I**	EPA 200.2	817170	EPA 6020	817477
50386725003	**MW-9D**	EPA 200.2	817170	EPA 6020	817477
50386725004	**MW-9I**	EPA 200.2	817170	EPA 6020	817477
50386725005	**DUP-3**	EPA 200.2	817170	EPA 6020	817477
50386725001	**MW-4D**	EPA 903.1	707582		
50386725002	**MW-4I**	EPA 903.1	707582		
50386725003	**MW-9D**	EPA 903.1	707582		
50386725004	**MW-9I**	EPA 903.1	707582		
50386725005	**DUP-3**	EPA 903.1	707582		
50386725001	**MW-4D**	EPA 904.0	707583		
50386725002	**MW-4I**	EPA 904.0	707583		
50386725003	**MW-9D**	EPA 904.0	707583		
50386725004	**MW-9I**	EPA 904.0	707583		
50386725005	**DUP-3**	EPA 904.0	707583		
50386725001	**MW-4D**	Total Radium Calculation	710250		
50386725002	**MW-4I**	Total Radium Calculation	710250		
50386725003	**MW-9D**	Total Radium Calculation	710250		
50386725004	**MW-9I**	Total Radium Calculation	710250		
50386725005	**DUP-3**	Total Radium Calculation	710250		
50386725001	**MW-4D**	SM 2320B	817529		
50386725002	**MW-4I**	SM 2320B	817529		
50386725003	**MW-9D**	SM 2320B	817529		
50386725004	**MW-9I**	SM 2320B	817529		
50386725005	**DUP-3**	SM 2320B	817529		
50386725001	**MW-4D**	SM 2540C	816734		
50386725002	**MW-4I**	SM 2540C	816734		
50386725003	**MW-9D**	SM 2540C	816735		
50386725004	**MW-9I**	SM 2540C	816735		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50386725

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50386725005	**DUP-3**	SM 2540C	816735		
50386725001	**MW-4D**	SM 4500-H+B	817100		
50386725002	**MW-4I**	SM 4500-H+B	817100		
50386725003	**MW-9D**	SM 4500-H+B	817100		
50386725004	**MW-9I**	SM 4500-H+B	817100		
50386725005	**DUP-3**	SM 4500-H+B	817100		
50386725001	**MW-4D**	HACH 8146	817109		
50386725002	**MW-4I**	HACH 8146	817109		
50386725003	**MW-9D**	HACH 8146	817109		
50386725004	**MW-9I**	HACH 8146	817109		
50386725005	**DUP-3**	HACH 8146	817109		
50386725001	**MW-4D**	EPA 353.2	816720		
50386725002	**MW-4I**	EPA 353.2	816720		
50386725003	**MW-9D**	EPA 353.2	816720		
50386725004	**MW-9I**	EPA 353.2	816720		
50386725005	**DUP-3**	EPA 353.2	816719		
50386725001	**MW-4D**	SM 5310C	817311		
50386725002	**MW-4I**	SM 5310C	817311		
50386725003	**MW-9D**	SM 5310C	817311		
50386725004	**MW-9I**	SM 5310C	817311		
50386725005	**DUP-3**	SM 5310C	817311		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50386725

50386725

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170 AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
MW-4D	GW	G	11-1-24	1050						X	X	X	2	X	X	X	2	001
MW-4I	↓	↓	↓	1300						↓	↓	↓	↓	↓	↓	↓	↓	002
MW-9D				1436														003
MW-9I				1350														004
Dup-3	↓	↓	↓	—						↓	↓	↓	↓	↓	↓	↓	↓	005

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection

Collected By: (Printed Name) Mykah Bertram / Connor Epler
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On ice:
2	D	0.0	see	satr	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	11/1/24 1600		11/1/24 16:00	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/1/24 16:55 JG

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. **Cooler Temperature(s):** 4.0/4.0 | 5.7/5.7 | | | (Initial/Corrected)

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)**Seals Intact:** ☐ Yes ☐ No **(leave blank if no seals were present)**

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA **Regulated Soils?** (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short **Hold Time Analysis (48 hours or less)?** Analysis: 353.2 Nitrate	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 17:50	
Rush **TAT Requested (4 days or less):**		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (≤2) NaOH (>10) NaOH/ZnAc (>9)** ~~Any non-conformance~~ to pH recommendations will be noted on the container count form	—		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER							
COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2												↓				↓	↓	↓	↓	↓									↓	↓	↓		
3																																	
4																																	
5												↓				↓	↓	↓	↓	↓									↓	↓	↓		
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Dear Mr. Breting:

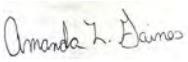
Enclosed are the analytical results for sample(s) received by the laboratory on November 04, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50386841001	**PZ-101D**	Water	11/04/24 10:15	11/04/24 15:38
50386841002	**PZ-101S**	Water	11/04/24 10:10	11/04/24 15:38
50386841003	**PZ-100D**	Water	11/04/24 11:45	11/04/24 15:38
50386841004	**PZ-100S**	Water	11/04/24 12:00	11/04/24 15:38
50386841005	**MW-107D**	Water	11/04/24 13:30	11/04/24 15:38
50386841006	**MW-107S**	Water	11/04/24 13:47	11/04/24 15:38
50386841007	**DUP-5**	Water	11/04/24 08:00	11/04/24 15:38

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50386841001	**PZ-101D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386841002	**PZ-101S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386841003	**PZ-100D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386841004	**PZ-100S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386841005	**MW-107D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386841006	**MW-107S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386841007	**DUP-5**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		HACH 8146	LHZ	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386841001	**PZ-101D**					
EPA 9056	Chloride	431	mg/L	25.0	11/06/24 01:52	
EPA 9056	Fluoride	0.33	mg/L	0.10	11/06/24 01:16	
EPA 9056	Sulfate	697	mg/L	25.0	11/06/24 01:52	
EPA 6010	Barium	80.6	ug/L	10.0	11/15/24 12:13	
EPA 6010	Boron	2220	ug/L	100	11/15/24 12:13	
EPA 6010	Calcium	331000	ug/L	2000	11/15/24 12:46	
EPA 6010	Iron	9880	ug/L	100	11/15/24 12:13	
EPA 6010	Lithium	64.7	ug/L	20.0	11/15/24 12:13	
EPA 6010	Magnesium	89200	ug/L	1000	11/15/24 12:13	
EPA 6010	Manganese	734	ug/L	10.0	11/15/24 12:13	
EPA 6010	Molybdenum	73.1	ug/L	10.0	11/15/24 12:13	
EPA 6010	Potassium	14700	ug/L	1000	11/15/24 12:13	
EPA 6010	Sodium	249000	ug/L	2000	11/15/24 12:46	
EPA 6010	Molybdenum, Dissolved	59.4	ug/L	10.0	11/13/24 05:26	
EPA 6020	Arsenic	8.6	ug/L	1.0	11/08/24 05:29	
EPA 903.1	Radium-226	0.252 ± 0.568 (1.01) C:NA T:92%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	1.32 ± 0.517 (0.789) C:79% T:81%	pCi/L		11/20/24 12:22	
Total Radium Calculation	Total Radium	1.57 ± 1.09 (1.80)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	346	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	346	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	2100	mg/L	40.0	11/05/24 09:11	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	11/05/24 15:54	H3
HACH 8146	Iron, Ferrous	2.5	mg/L	0.50	11/05/24 13:53	H3,N2
50386841002	**PZ-101S**					
EPA 9056	Chloride	359	mg/L	25.0	11/06/24 02:47	
EPA 9056	Fluoride	0.29	mg/L	0.10	11/06/24 02:10	
EPA 9056	Sulfate	614	mg/L	25.0	11/06/24 02:47	
EPA 6010	Barium	92.1	ug/L	10.0	11/15/24 12:16	
EPA 6010	Boron	2090	ug/L	100	11/15/24 12:16	
EPA 6010	Calcium	303000	ug/L	2000	11/15/24 12:48	
EPA 6010	Iron	11400	ug/L	100	11/15/24 12:16	
EPA 6010	Lithium	52.8	ug/L	20.0	11/15/24 12:16	
EPA 6010	Magnesium	87000	ug/L	1000	11/15/24 12:16	
EPA 6010	Manganese	631	ug/L	10.0	11/15/24 12:16	
EPA 6010	Molybdenum	46.4	ug/L	10.0	11/15/24 12:16	
EPA 6010	Potassium	12700	ug/L	1000	11/15/24 12:16	
EPA 6010	Sodium	198000	ug/L	1000	11/15/24 12:16	
EPA 6010	Molybdenum, Dissolved	41.9	ug/L	10.0	11/13/24 05:28	
EPA 6020	Arsenic	9.3	ug/L	1.0	11/08/24 05:33	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386841002	**PZ-101S**					
EPA 903.1	Radium-226	0.205 ± 0.668 (1.21) C:NA T:94%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	0.252 ± 0.359 (0.771) C:81% T:82%	pCi/L		11/20/24 12:22	
Total Radium Calculation	Total Radium	0.457 ± 1.03 (1.98)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	378	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	378	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	1850	mg/L	40.0	11/05/24 09:12	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	11/05/24 15:54	H3
HACH 8146	Iron, Ferrous	4.8	mg/L	1.0	11/05/24 13:29	H3,N2
50386841003	**PZ-100D**					
EPA 9056	Chloride	347	mg/L	25.0	11/06/24 04:18	
EPA 9056	Fluoride	0.67	mg/L	0.10	11/06/24 03:41	
EPA 9056	Sulfate	596	mg/L	25.0	11/06/24 04:18	
EPA 6010	Barium	75.1	ug/L	10.0	11/15/24 12:22	
EPA 6010	Boron	5660	ug/L	100	11/15/24 12:22	
EPA 6010	Calcium	279000	ug/L	2000	11/15/24 12:50	
EPA 6010	Iron	3980	ug/L	100	11/15/24 12:22	
EPA 6010	Lithium	75.8	ug/L	20.0	11/15/24 12:22	
EPA 6010	Magnesium	77200	ug/L	1000	11/15/24 12:22	
EPA 6010	Manganese	238	ug/L	10.0	11/15/24 12:22	
EPA 6010	Molybdenum	109	ug/L	10.0	11/15/24 12:22	
EPA 6010	Potassium	12200	ug/L	1000	11/15/24 12:22	
EPA 6010	Sodium	189000	ug/L	1000	11/15/24 12:22	
EPA 6010	Molybdenum, Dissolved	94.8	ug/L	10.0	11/13/24 05:30	
EPA 6020	Arsenic	193	ug/L	2.0	11/08/24 08:28	
EPA 903.1	Radium-226	0.439 ± 0.535 (0.885) C:NA T:94%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	0.432 ± 0.383 (0.777) C:79% T:81%	pCi/L		11/20/24 12:22	
Total Radium Calculation	Total Radium	0.871 ± 0.918 (1.66)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	292	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	292	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	1780	mg/L	40.0	11/05/24 09:12	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	11/05/24 16:03	H3
50386841004	**PZ-100S**					
EPA 9056	Chloride	688	mg/L	25.0	11/06/24 05:13	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386841004	**PZ-100S**					
EPA 9056	Fluoride	1.5	mg/L	0.10	11/06/24 04:36	
EPA 9056	Sulfate	811	mg/L	25.0	11/06/24 05:13	
EPA 6010	Barium	53.1	ug/L	10.0	11/15/24 12:24	
EPA 6010	Boron	2470	ug/L	100	11/15/24 12:24	
EPA 6010	Calcium	340000	ug/L	5000	11/15/24 12:52	
EPA 6010	Iron	3460	ug/L	100	11/15/24 12:24	
EPA 6010	Lithium	66.9	ug/L	20.0	11/15/24 12:24	
EPA 6010	Magnesium	105000	ug/L	1000	11/15/24 12:24	
EPA 6010	Manganese	562	ug/L	10.0	11/15/24 12:24	
EPA 6010	Molybdenum	107	ug/L	10.0	11/15/24 12:24	
EPA 6010	Potassium	14000	ug/L	1000	11/15/24 12:24	
EPA 6010	Sodium	406000	ug/L	5000	11/15/24 12:52	
EPA 6010	Molybdenum, Dissolved	97.7	ug/L	10.0	11/13/24 05:32	
EPA 6020	Arsenic	2.8	ug/L	1.0	11/08/24 06:08	
EPA 903.1	Radium-226	0.142 ± 0.518 (0.954) C:NA T:94%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	0.870 ± 0.385 (0.626) C:83% T:88%	pCi/L		11/20/24 12:22	
Total Radium Calculation	Total Radium	1.01 ± 0.903 (1.58)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	292	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	292	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	2610	mg/L	40.0	11/05/24 09:13	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/05/24 16:04	H3
HACH 8146	Iron, Ferrous	0.33	mg/L	0.20	11/05/24 13:55	H3,N2
50386841005	**MW-107D**					
EPA 9056	Chloride	208	mg/L	2.5	11/06/24 05:49	
EPA 9056	Fluoride	0.56	mg/L	0.10	11/06/24 05:31	
EPA 9056	Sulfate	682	mg/L	25.0	11/06/24 06:07	
EPA 6010	Barium	61.1	ug/L	10.0	11/15/24 12:27	
EPA 6010	Boron	7010	ug/L	100	11/15/24 12:27	
EPA 6010	Calcium	225000	ug/L	2000	11/15/24 12:54	
EPA 6010	Iron	5300	ug/L	100	11/15/24 12:27	
EPA 6010	Lithium	53.3	ug/L	20.0	11/15/24 12:27	
EPA 6010	Magnesium	70400	ug/L	1000	11/15/24 12:27	
EPA 6010	Manganese	366	ug/L	10.0	11/15/24 12:27	
EPA 6010	Molybdenum	81.8	ug/L	10.0	11/15/24 12:27	
EPA 6010	Potassium	10600	ug/L	1000	11/15/24 12:27	
EPA 6010	Sodium	154000	ug/L	1000	11/15/24 12:27	
EPA 6010	Molybdenum, Dissolved	73.5	ug/L	10.0	11/13/24 05:34	
EPA 6020	Arsenic	1.4	ug/L	1.0	11/08/24 06:12	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386841005	**MW-107D**					
EPA 903.1	Radium-226	0.333 ± 0.512 (0.880) C:NA T:92%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	0.940 ± 0.430 (0.723) C:80% T:87%	pCi/L		11/20/24 12:22	
Total Radium Calculation	Total Radium	1.27 ± 0.942 (1.60)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	222	mg/L	10.0	11/07/24 11:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	222	mg/L	10.0	11/07/24 11:34	
SM 2540C	Total Dissolved Solids	1490	mg/L	20.0	11/05/24 09:13	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/05/24 16:08	H3
HACH 8146	Iron, Ferrous	0.59	mg/L	0.20	11/05/24 13:57	H3,N2
EPA 353.2	Nitrogen, Nitrate	0.12	mg/L	0.10	11/05/24 18:41	
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	1.0	11/07/24 22:20	
50386841006	**MW-107S**					
EPA 9056	Chloride	162	mg/L	2.5	11/06/24 07:20	
EPA 9056	Fluoride	0.73	mg/L	0.10	11/06/24 07:02	
EPA 9056	Sulfate	725	mg/L	25.0	11/06/24 07:38	
EPA 6010	Barium	19.0	ug/L	10.0	11/15/24 12:29	
EPA 6010	Boron	3470	ug/L	100	11/15/24 12:29	
EPA 6010	Calcium	237000	ug/L	2000	11/15/24 12:57	
EPA 6010	Iron	1950	ug/L	100	11/15/24 12:29	
EPA 6010	Lithium	70.8	ug/L	20.0	11/15/24 12:29	
EPA 6010	Magnesium	83300	ug/L	1000	11/15/24 12:29	
EPA 6010	Manganese	429	ug/L	10.0	11/15/24 12:29	
EPA 6010	Molybdenum	61.1	ug/L	10.0	11/15/24 12:29	
EPA 6010	Potassium	11800	ug/L	1000	11/15/24 12:29	
EPA 6010	Sodium	131000	ug/L	1000	11/15/24 12:29	
EPA 6010	Molybdenum, Dissolved	57.9	ug/L	10.0	11/13/24 05:37	
EPA 903.1	Radium-226	0.285 ± 0.624 (1.11) C:NA T:98%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	0.485 ± 0.403 (0.809) C:83% T:84%	pCi/L		11/20/24 15:29	
Total Radium Calculation	Total Radium	0.770 ± 1.03 (1.92)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	208	mg/L	10.0	11/07/24 12:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	208	mg/L	10.0	11/07/24 12:51	
SM 2540C	Total Dissolved Solids	1520	mg/L	20.0	11/05/24 09:13	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/05/24 16:09	H3
HACH 8146	Iron, Ferrous	0.28	mg/L	0.20	11/05/24 13:58	H3,N2

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386841006	**MW-107S**					
EPA 353.2	Nitrogen, Nitrate	0.29	mg/L	0.10	11/05/24 18:54	
SM 5310C	Dissolved Organic Carbon	1.9	mg/L	1.0	11/07/24 22:32	
50386841007	**DUP-5**					
EPA 9056	Chloride	352	mg/L	25.0	11/06/24 08:33	
EPA 9056	Fluoride	0.74	mg/L	0.10	11/06/24 07:57	
EPA 9056	Sulfate	604	mg/L	25.0	11/06/24 08:33	
EPA 6010	Barium	75.8	ug/L	10.0	11/15/24 12:31	
EPA 6010	Boron	5750	ug/L	100	11/15/24 12:31	
EPA 6010	Calcium	279000	ug/L	2000	11/15/24 12:59	
EPA 6010	Iron	4010	ug/L	100	11/15/24 12:31	
EPA 6010	Lithium	75.6	ug/L	20.0	11/15/24 12:31	
EPA 6010	Magnesium	77700	ug/L	1000	11/15/24 12:31	
EPA 6010	Manganese	240	ug/L	10.0	11/15/24 12:31	
EPA 6010	Molybdenum	111	ug/L	10.0	11/15/24 12:31	
EPA 6010	Potassium	12200	ug/L	1000	11/15/24 12:31	
EPA 6010	Sodium	190000	ug/L	1000	11/15/24 12:31	
EPA 6010	Molybdenum, Dissolved	106	ug/L	10.0	11/13/24 05:39	
EPA 6020	Arsenic	182	ug/L	1.0	11/08/24 06:19	
EPA 903.1	Radium-226	0.849 ± 0.732 (1.15) C:NA T:91%	pCi/L		11/25/24 12:16	
EPA 904.0	Radium-228	0.964 ± 0.471 (0.821) C:83% T:80%	pCi/L		11/20/24 15:29	
Total Radium Calculation	Total Radium	1.81 ± 1.20 (1.97)	pCi/L		11/26/24 14:40	
SM 2320B	Alkalinity, Total as CaCO3	290	mg/L	10.0	11/07/24 12:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	290	mg/L	10.0	11/07/24 12:51	
SM 2540C	Total Dissolved Solids	1750	mg/L	40.0	11/05/24 09:14	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/05/24 15:52	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-101D **Lab ID: 50386841001** Collected: 11/04/24 10:15 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**431**	mg/L	25.0	13.0	100		11/06/24 01:52	16887-00-6	
Fluoride	**0.33**	mg/L	0.10	0.016	1		11/06/24 01:16	16984-48-8	
Sulfate	**697**	mg/L	25.0	19.0	100		11/06/24 01:52	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**80.6**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:13	7440-39-3	
Boron	**2220**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:13	7440-42-8	
Calcium	**331000**	ug/L	2000	168	2	11/11/24 09:39	11/15/24 12:46	7440-70-2	
Iron	**9880**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:13	7439-89-6	
Lithium	**64.7**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:13	7439-93-2	
Magnesium	**89200**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:13	7439-95-4	
Manganese	**734**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:13	7439-96-5	
Molybdenum	**73.1**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:13	7439-98-7	
Potassium	**14700**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:13	7440-09-7	
Sodium	**249000**	ug/L	2000	190	2	11/11/24 09:39	11/15/24 12:46	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**59.4**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:26	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 05:29	7440-36-0	
Arsenic	**8.6**	ug/L	1.0	0.080	1	11/07/24 08:25	11/08/24 05:29	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 05:29	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 05:29	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**346**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**346**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2100**	mg/L	40.0	40.0	1		11/05/24 09:11		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		11/05/24 15:54		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-101D **Lab ID: 50386841001** Collected: 11/04/24 10:15 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	**2.5**	mg/L	0.50	0.34	2.5		11/05/24 13:53	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/05/24 18:17	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/08/24 11:27		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-101S **Lab ID: 50386841002** Collected: 11/04/24 10:10 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**359**	mg/L	25.0	13.0	100		11/06/24 02:47	16887-00-6	
Fluoride	**0.29**	mg/L	0.10	0.016	1		11/06/24 02:10	16984-48-8	
Sulfate	**614**	mg/L	25.0	19.0	100		11/06/24 02:47	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**92.1**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:16	7440-39-3	
Boron	**2090**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:16	7440-42-8	
Calcium	**303000**	ug/L	2000	168	2	11/11/24 09:39	11/15/24 12:48	7440-70-2	
Iron	**11400**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:16	7439-89-6	
Lithium	**52.8**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:16	7439-93-2	
Magnesium	**87000**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:16	7439-95-4	
Manganese	**631**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:16	7439-96-5	
Molybdenum	**46.4**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:16	7439-98-7	
Potassium	**12700**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:16	7440-09-7	
Sodium	**198000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 12:16	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**41.9**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:28	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 05:33	7440-36-0	
Arsenic	**9.3**	ug/L	1.0	0.080	1	11/07/24 08:25	11/08/24 05:33	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 05:33	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 05:33	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**378**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**378**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1850**	mg/L	40.0	40.0	1		11/05/24 09:12		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		11/05/24 15:54		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-101S **Lab ID: 50386841002** Collected: 11/04/24 10:10 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	**4.8**	mg/L	1.0	0.68	5		11/05/24 13:29	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/05/24 18:15	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/08/24 11:37		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-100D **Lab ID: 50386841003** Collected: 11/04/24 11:45 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**347**	mg/L	25.0	13.0	100		11/06/24 04:18	16887-00-6	
Fluoride	**0.67**	mg/L	0.10	0.016	1		11/06/24 03:41	16984-48-8	
Sulfate	**596**	mg/L	25.0	19.0	100		11/06/24 04:18	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**75.1**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:22	7440-39-3	
Boron	**5660**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:22	7440-42-8	
Calcium	**279000**	ug/L	2000	168	2	11/11/24 09:39	11/15/24 12:50	7440-70-2	
Iron	**3980**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:22	7439-89-6	
Lithium	**75.8**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:22	7439-93-2	
Magnesium	**77200**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:22	7439-95-4	
Manganese	**238**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:22	7439-96-5	
Molybdenum	**109**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:22	7439-98-7	
Potassium	**12200**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:22	7440-09-7	
Sodium	**189000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 12:22	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**94.8**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:30	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 05:44	7440-36-0	
Arsenic	**193**	ug/L	2.0	0.16	2	11/07/24 08:25	11/08/24 08:28	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 05:44	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 05:44	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**292**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**292**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1780**	mg/L	40.0	40.0	1		11/05/24 09:12		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		11/05/24 16:03		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-100D **Lab ID: 50386841003** Collected: 11/04/24 11:45 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:55	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/05/24 19:19	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/08/24 11:48		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-100S **Lab ID: 50386841004** Collected: 11/04/24 12:00 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**688**	mg/L	25.0	13.0	100		11/06/24 05:13	16887-00-6	
Fluoride	**1.5**	mg/L	0.10	0.016	1		11/06/24 04:36	16984-48-8	
Sulfate	**811**	mg/L	25.0	19.0	100		11/06/24 05:13	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**53.1**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:24	7440-39-3	
Boron	**2470**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:24	7440-42-8	
Calcium	**340000**	ug/L	5000	420	5	11/11/24 09:39	11/15/24 12:52	7440-70-2	
Iron	**3460**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:24	7439-89-6	
Lithium	**66.9**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:24	7439-93-2	
Magnesium	**105000**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:24	7439-95-4	
Manganese	**562**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:24	7439-96-5	
Molybdenum	**107**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:24	7439-98-7	
Potassium	**14000**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:24	7440-09-7	
Sodium	**406000**	ug/L	5000	475	5	11/11/24 09:39	11/15/24 12:52	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**97.7**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:32	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 06:08	7440-36-0	
Arsenic	**2.8**	ug/L	1.0	0.080	1	11/07/24 08:25	11/08/24 06:08	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 06:08	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 06:08	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**292**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**292**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2610**	mg/L	40.0	40.0	1		11/05/24 09:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/05/24 16:04		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-100S **Lab ID: 50386841004** Collected: 11/04/24 12:00 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	**0.33**	mg/L	0.20	0.14	1		11/05/24 13:55	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/05/24 18:30	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/08/24 11:59		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: MW-107D **Lab ID: 50386841005** Collected: 11/04/24 13:30 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**208**	mg/L	2.5	1.3	10		11/06/24 05:49	16887-00-6	
Fluoride	**0.56**	mg/L	0.10	0.016	1		11/06/24 05:31	16984-48-8	
Sulfate	**682**	mg/L	25.0	19.0	100		11/06/24 06:07	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**61.1**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:27	7440-39-3	
Boron	**7010**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:27	7440-42-8	
Calcium	**225000**	ug/L	2000	168	2	11/11/24 09:39	11/15/24 12:54	7440-70-2	
Iron	**5300**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:27	7439-89-6	
Lithium	**53.3**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:27	7439-93-2	
Magnesium	**70400**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:27	7439-95-4	
Manganese	**366**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:27	7439-96-5	
Molybdenum	**81.8**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:27	7439-98-7	
Potassium	**10600**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:27	7440-09-7	
Sodium	**154000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 12:27	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**73.5**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:34	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 06:12	7440-36-0	
Arsenic	**1.4**	ug/L	1.0	0.080	1	11/07/24 08:25	11/08/24 06:12	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 06:12	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 06:12	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**222**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Bicarbonate (CaCO3)	**222**	mg/L	10.0	10.0	1		11/07/24 11:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 11:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1490**	mg/L	20.0	20.0	1		11/05/24 09:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/05/24 16:08		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: MW-107D **Lab ID: 50386841005** Collected: 11/04/24 13:30 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	**0.59**	mg/L	0.20	0.14	1		11/05/24 13:57	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.12**	mg/L	0.10	0.013	1		11/05/24 18:41	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	1.0	0.25	1		11/07/24 22:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: MW-107S **Lab ID: 50386841006** Collected: 11/04/24 13:47 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**162**	mg/L	2.5	1.3	10		11/06/24 07:20	16887-00-6	
Fluoride	**0.73**	mg/L	0.10	0.016	1		11/06/24 07:02	16984-48-8	
Sulfate	**725**	mg/L	25.0	19.0	100		11/06/24 07:38	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**19.0**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:29	7440-39-3	
Boron	**3470**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:29	7440-42-8	
Calcium	**237000**	ug/L	2000	168	2	11/11/24 09:39	11/15/24 12:57	7440-70-2	
Iron	**1950**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:29	7439-89-6	
Lithium	**70.8**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:29	7439-93-2	
Magnesium	**83300**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:29	7439-95-4	
Manganese	**429**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:29	7439-96-5	
Molybdenum	**61.1**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:29	7439-98-7	
Potassium	**11800**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:29	7440-09-7	
Sodium	**131000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 12:29	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**57.9**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:37	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 06:16	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/07/24 08:25	11/08/24 06:16	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 06:16	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 06:16	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**208**	mg/L	10.0	10.0	1		11/07/24 12:51		
Alkalinity,Bicarbonate (CaCO3)	**208**	mg/L	10.0	10.0	1		11/07/24 12:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 12:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1520**	mg/L	20.0	20.0	1		11/05/24 09:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/05/24 16:09		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: MW-107S **Lab ID: 50386841006** Collected: 11/04/24 13:47 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	**0.28**	mg/L	0.20	0.14	1		11/05/24 13:58	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.29**	mg/L	0.10	0.013	1		11/05/24 18:54	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.9**	mg/L	1.0	0.25	1		11/07/24 22:32		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: DUP-5 **Lab ID: 50386841007** Collected: 11/04/24 08:00 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**352**	mg/L	25.0	13.0	100		11/06/24 08:33	16887-00-6	
Fluoride	**0.74**	mg/L	0.10	0.016	1		11/06/24 07:57	16984-48-8	
Sulfate	**604**	mg/L	25.0	19.0	100		11/06/24 08:33	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**75.8**	ug/L	10.0	0.68	1	11/11/24 09:39	11/15/24 12:31	7440-39-3	
Boron	**5750**	ug/L	100	5.6	1	11/11/24 09:39	11/15/24 12:31	7440-42-8	
Calcium	**279000**	ug/L	2000	168	2	11/11/24 09:39	11/15/24 12:59	7440-70-2	
Iron	**4010**	ug/L	100	41.0	1	11/11/24 09:39	11/15/24 12:31	7439-89-6	
Lithium	**75.6**	ug/L	20.0	3.8	1	11/11/24 09:39	11/15/24 12:31	7439-93-2	
Magnesium	**77700**	ug/L	1000	53.7	1	11/11/24 09:39	11/15/24 12:31	7439-95-4	
Manganese	**240**	ug/L	10.0	0.77	1	11/11/24 09:39	11/15/24 12:31	7439-96-5	
Molybdenum	**111**	ug/L	10.0	1.4	1	11/11/24 09:39	11/15/24 12:31	7439-98-7	
Potassium	**12200**	ug/L	1000	113	1	11/11/24 09:39	11/15/24 12:31	7440-09-7	
Sodium	**190000**	ug/L	1000	95.0	1	11/11/24 09:39	11/15/24 12:31	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**106**	ug/L	10.0	1.4	1	11/09/24 07:40	11/13/24 05:39	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/07/24 08:25	11/08/24 06:19	7440-36-0	
Arsenic	**182**	ug/L	1.0	0.080	1	11/07/24 08:25	11/08/24 06:19	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/07/24 08:25	11/08/24 06:19	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/07/24 08:25	11/08/24 06:19	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**290**	mg/L	10.0	10.0	1		11/07/24 12:51		
Alkalinity,Bicarbonate (CaCO3)	**290**	mg/L	10.0	10.0	1		11/07/24 12:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 12:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1750**	mg/L	40.0	40.0	1		11/05/24 09:14		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/05/24 15:52		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: DUP-5 **Lab ID: 50386841007** Collected: 11/04/24 08:00 Received: 11/04/24 15:38 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Iron, Ferrous	Analytical Method: HACH 8146 Pace Analytical Services - Indianapolis								
Iron, Ferrous	ND	mg/L	0.20	0.14	1		11/05/24 13:28	15438-31-0	H3,N2
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/05/24 18:12	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/08/24 12:09		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817028 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3737726 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/05/24 08:44	
Fluoride	mg/L	ND	0.10	0.016	11/05/24 08:44	
Sulfate	mg/L	ND	0.25	0.19	11/05/24 08:44	

LABORATORY CONTROL SAMPLE: 3737727

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	97	80-120	
Fluoride	mg/L	1	1.0	104	80-120	
Sulfate	mg/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3737736 3737737

Parameter	Units	50386725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	91.7	25	25	114	114	89	88	80-120	0	15	
Fluoride	mg/L	0.22	1	1	1.3	1.3	106	107	80-120	0	15	
Sulfate	mg/L	56.1	50	50	103	102	93	92	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817322
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3738947 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/15/24 11:31	
Boron	ug/L	ND	100	5.6	11/15/24 11:31	
Calcium	ug/L	ND	1000	83.9	11/15/24 11:31	
Iron	ug/L	ND	100	41.0	11/15/24 11:31	
Lithium	ug/L	ND	20.0	3.8	11/15/24 11:31	
Magnesium	ug/L	ND	1000	53.7	11/15/24 11:31	
Manganese	ug/L	ND	10.0	0.77	11/15/24 11:31	
Molybdenum	ug/L	ND	10.0	1.4	11/15/24 11:31	
Potassium	ug/L	ND	1000	113	11/15/24 11:31	
Sodium	ug/L	ND	1000	95.0	11/15/24 11:31	

LABORATORY CONTROL SAMPLE: 3738949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1030	103	80-120	
Boron	ug/L	1000	1010	101	80-120	
Calcium	ug/L	10000	10500	105	80-120	
Iron	ug/L	10000	10300	103	80-120	
Lithium	ug/L	1000	1020	102	80-120	
Magnesium	ug/L	10000	10300	103	80-120	
Manganese	ug/L	1000	1030	103	80-120	
Molybdenum	ug/L	1000	1060	106	80-120	
Potassium	ug/L	10000	10300	103	80-120	
Sodium	ug/L	10000	10200	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738950 3738951

Parameter	Units	50386830001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	437	1000	1000	1460	1470	102	104	75-125	1	20	
Boron	ug/L	143	1000	1000	1170	1180	103	104	75-125	1	20	
Calcium	ug/L	277000	10000	10000	281000	284000	35	65	75-125	1	20	E,P6
Iron	ug/L	55800	10000	10000	65900	67000	101	112	75-125	2	20	
Lithium	ug/L	51.8	1000	1000	1040	1030	99	98	75-125	1	20	
Magnesium	ug/L	90200	10000	10000	98900	101000	87	104	75-125	2	20	
Manganese	ug/L	1690	1000	1000	2620	2640	93	95	75-125	1	20	
Molybdenum	ug/L	54.6	1000	1000	1080	1080	102	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738950 3738951

Parameter	Units	50386830001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	15700	10000	10000	30200	31300	145	156	75-125	3	20	M3
Sodium	ug/L	308000	10000	10000	310000	312000	17	42	75-125	1	20	E,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817279 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3738753 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/13/24 04:57	

LABORATORY CONTROL SAMPLE: 3738754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738755 3738756

Parameter	Units	50386725002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	959	1000	95	100	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817323 | Analysis Method: EPA 6020
QC Batch Method: EPA 200.2 | Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3738952 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/08/24 04:57	
Arsenic	ug/L	ND	1.0	0.080	11/08/24 04:57	
Cobalt	ug/L	ND	1.0	0.045	11/08/24 04:57	
Selenium	ug/L	ND	1.0	0.26	11/08/24 04:57	

LABORATORY CONTROL SAMPLE: 3738953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.3	103	80-120	
Arsenic	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	40.0	100	80-120	
Selenium	ug/L	40	39.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738954 3738955

Parameter	Units	50386841003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.7	42.6	104	106	75-125	2	20	
Arsenic	ug/L	193	40	40	227	229	86	90	75-125	1	20	
Cobalt	ug/L	ND	40	40	36.5	37.4	91	93	75-125	2	20	
Selenium	ug/L	ND	40	40	39.8	40.0	99	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817529 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005

METHOD BLANK: 3740063 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/07/24 11:34	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 11:34	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 11:34	

LABORATORY CONTROL SAMPLE: 3740064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	90-110	

SAMPLE DUPLICATE: 3740065

Parameter	Units	50386887002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	48.0	49.6	3	20	R1
Alkalinity,Bicarbonate (CaCO3)	mg/L	48.0	49.6	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<10.0	ND		20	

SAMPLE DUPLICATE: 3740066

Parameter	Units	50386840003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	163	167	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	150	154	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	13.6	13.2	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817531
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841006, 50386841007

METHOD BLANK: 3740071 Matrix: Water
Associated Lab Samples: 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/07/24 12:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 12:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 12:51	

LABORATORY CONTROL SAMPLE: 3740072

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.2	102	90-110	

SAMPLE DUPLICATE: 3740074

Parameter	Units	50386888001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	363	358	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	363	358	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3740267

Parameter	Units	50386841006 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	208	206	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	208	206	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817038 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3737728 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/05/24 09:06	

LABORATORY CONTROL SAMPLE: 3737729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	298	99	80-120	

SAMPLE DUPLICATE: 3737730

Parameter	Units	50386636001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1190	1190	1	10	

SAMPLE DUPLICATE: 3737731

Parameter	Units	50386790001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	838	842	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817101
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

SAMPLE DUPLICATE: 3737907

Parameter	Units	50386471007 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

SAMPLE DUPLICATE: 3737908

Parameter	Units	50386836001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	9.1	9.1	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817109 | Analysis Method: HACH 8146
QC Batch Method: HACH 8146 | Analysis Description: Iron, Ferrous
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3737952 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Ferrous	mg/L	ND	0.20	0.14	11/05/24 12:31	H3,N2

LABORATORY CONTROL SAMPLE: 3737953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	1	1.0	100	90-110	H3,N2

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3737954 3737955

Parameter	Units	50386610002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	ND	1	1	1.0	1.0	98	98	90-110	0	20	H3,N2

MATRIX SPIKE SAMPLE: 3737956

Parameter	Units	50386725002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	ND	1	1.0	103	90-110	H3,N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817207 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3738457 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/05/24 18:08	

LABORATORY CONTROL SAMPLE: 3738458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738459 3738460

Parameter	Units	50386872008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.15	1	1	1.2	1.2	103	103	90-110	0	20	

MATRIX SPIKE SAMPLE: 3738461

Parameter	Units	50386872005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	0.92	92	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 817311 — Analysis Method: SM 5310C
QC Batch Method: SM 5310C — Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3738911 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/07/24 19:15	

LABORATORY CONTROL SAMPLE: 3738912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738913 3738914

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.6	10	10	14.8	14.0	112	104	80-120	5	15	

MATRIX SPIKE SAMPLE: 3738915

Parameter	Units	50386958004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	2.3	10	12.2	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-101D **Lab ID: 50386841001** Collected: 11/04/24 10:15 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.252 ± 0.568 (1.01) C:NA T:92%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.32 ± 0.517 (0.789) C:79% T:81%**	pCi/L	11/20/24 12:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.57 ± 1.09 (1.80)**	pCi/L	11/26/24 14:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-101S **Lab ID: 50386841002** Collected: 11/04/24 10:10 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.205 ± 0.668 (1.21) C:NA T:94%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.252 ± 0.359 (0.771) C:81% T:82%**	pCi/L	11/20/24 12:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.457 ± 1.03 (1.98)**	pCi/L	11/26/24 14:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-100D **Lab ID: 50386841003** Collected: 11/04/24 11:45 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.439 ± 0.535 (0.885) C:NA T:94%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.432 ± 0.383 (0.777) C:79% T:81%**	pCi/L	11/20/24 12:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.871 ± 0.918 (1.66)**	pCi/L	11/26/24 14:40	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: PZ-100S **Lab ID: 50386841004** Collected: 11/04/24 12:00 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.142 ± 0.518 (0.954) C:NA T:94%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.870 ± 0.385 (0.626) C:83% T:88%**	pCi/L	11/20/24 12:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.01 ± 0.903 (1.58)**	pCi/L	11/26/24 14:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: MW-107D **Lab ID: 50386841005** Collected: 11/04/24 13:30 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.333 ± 0.512 (0.880) C:NA T:92%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.940 ± 0.430 (0.723) C:80% T:87%**	pCi/L	11/20/24 12:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.27 ± 0.942 (1.60)**	pCi/L	11/26/24 14:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: MW-107S **Lab ID: 50386841006** Collected: 11/04/24 13:47 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.285 ± 0.624 (1.11) C:NA T:98%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.485 ± 0.403 (0.809) C:83% T:84%**	pCi/L	11/20/24 15:29	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.770 ± 1.03 (1.92)**	pCi/L	11/26/24 14:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Sample: DUP-5 **Lab ID: 50386841007** Collected: 11/04/24 08:00 Received: 11/04/24 15:38 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.849 ± 0.732 (1.15) C:NA T:91%**	pCi/L	11/25/24 12:16	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.964 ± 0.471 (0.821) C:83% T:80%**	pCi/L	11/20/24 15:29	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.81 ± 1.20 (1.97)**	pCi/L	11/26/24 14:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 707799 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3445644 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.0765 ± 0.296 (0.671) C:83% T:88%	pCi/L	11/20/24 12:22	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

QC Batch: 707797 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

METHOD BLANK: 3445642 Matrix: Water
Associated Lab Samples: 50386841001, 50386841002, 50386841003, 50386841004, 50386841005, 50386841006, 50386841007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.251 (0.514) C:NA T:100%	pCi/L	11/25/24 12:16	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50386841001	**PZ-101D**	EPA 9056	817028		
50386841002	**PZ-101S**	EPA 9056	817028		
50386841003	**PZ-100D**	EPA 9056	817028		
50386841004	**PZ-100S**	EPA 9056	817028		
50386841005	**MW-107D**	EPA 9056	817028		
50386841006	**MW-107S**	EPA 9056	817028		
50386841007	**DUP-5**	EPA 9056	817028		
50386841001	**PZ-101D**	EPA 3010	817322	EPA 6010	819195
50386841002	**PZ-101S**	EPA 3010	817322	EPA 6010	819195
50386841003	**PZ-100D**	EPA 3010	817322	EPA 6010	819195
50386841004	**PZ-100S**	EPA 3010	817322	EPA 6010	819195
50386841005	**MW-107D**	EPA 3010	817322	EPA 6010	819195
50386841006	**MW-107S**	EPA 3010	817322	EPA 6010	819195
50386841007	**DUP-5**	EPA 3010	817322	EPA 6010	819195
50386841001	**PZ-101D**	EPA 3010	817279	EPA 6010	818596
50386841002	**PZ-101S**	EPA 3010	817279	EPA 6010	818596
50386841003	**PZ-100D**	EPA 3010	817279	EPA 6010	818596
50386841004	**PZ-100S**	EPA 3010	817279	EPA 6010	818596
50386841005	**MW-107D**	EPA 3010	817279	EPA 6010	818596
50386841006	**MW-107S**	EPA 3010	817279	EPA 6010	818596
50386841007	**DUP-5**	EPA 3010	817279	EPA 6010	818596
50386841001	**PZ-101D**	EPA 200.2	817323	EPA 6020	817741
50386841002	**PZ-101S**	EPA 200.2	817323	EPA 6020	817741
50386841003	**PZ-100D**	EPA 200.2	817323	EPA 6020	817741
50386841004	**PZ-100S**	EPA 200.2	817323	EPA 6020	817741
50386841005	**MW-107D**	EPA 200.2	817323	EPA 6020	817741
50386841006	**MW-107S**	EPA 200.2	817323	EPA 6020	817741
50386841007	**DUP-5**	EPA 200.2	817323	EPA 6020	817741
50386841001	**PZ-101D**	EPA 903.1	707797		
50386841002	**PZ-101S**	EPA 903.1	707797		
50386841003	**PZ-100D**	EPA 903.1	707797		
50386841004	**PZ-100S**	EPA 903.1	707797		
50386841005	**MW-107D**	EPA 903.1	707797		
50386841006	**MW-107S**	EPA 903.1	707797		
50386841007	**DUP-5**	EPA 903.1	707797		
50386841001	**PZ-101D**	EPA 904.0	707799		
50386841002	**PZ-101S**	EPA 904.0	707799		
50386841003	**PZ-100D**	EPA 904.0	707799		
50386841004	**PZ-100S**	EPA 904.0	707799		
50386841005	**MW-107D**	EPA 904.0	707799		
50386841006	**MW-107S**	EPA 904.0	707799		
50386841007	**DUP-5**	EPA 904.0	707799		
50386841001	**PZ-101D**	Total Radium Calculation	712183		
50386841002	**PZ-101S**	Total Radium Calculation	712183		
50386841003	**PZ-100D**	Total Radium Calculation	712183		
50386841004	**PZ-100S**	Total Radium Calculation	712183		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50386841

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50386841005	**MW-107D**	Total Radium Calculation	712183		
50386841006	**MW-107S**	Total Radium Calculation	712183		
50386841007	**DUP-5**	Total Radium Calculation	712183		
50386841001	**PZ-101D**	SM 2320B	817529		
50386841002	**PZ-101S**	SM 2320B	817529		
50386841003	**PZ-100D**	SM 2320B	817529		
50386841004	**PZ-100S**	SM 2320B	817529		
50386841005	**MW-107D**	SM 2320B	817529		
50386841006	**MW-107S**	SM 2320B	817531		
50386841007	**DUP-5**	SM 2320B	817531		
50386841001	**PZ-101D**	SM 2540C	817038		
50386841002	**PZ-101S**	SM 2540C	817038		
50386841003	**PZ-100D**	SM 2540C	817038		
50386841004	**PZ-100S**	SM 2540C	817038		
50386841005	**MW-107D**	SM 2540C	817038		
50386841006	**MW-107S**	SM 2540C	817038		
50386841007	**DUP-5**	SM 2540C	817038		
50386841001	**PZ-101D**	SM 4500-H+B	817101		
50386841002	**PZ-101S**	SM 4500-H+B	817101		
50386841003	**PZ-100D**	SM 4500-H+B	817101		
50386841004	**PZ-100S**	SM 4500-H+B	817101		
50386841005	**MW-107D**	SM 4500-H+B	817101		
50386841006	**MW-107S**	SM 4500-H+B	817101		
50386841007	**DUP-5**	SM 4500-H+B	817101		
50386841001	**PZ-101D**	HACH 8146	817109		
50386841002	**PZ-101S**	HACH 8146	817109		
50386841003	**PZ-100D**	HACH 8146	817109		
50386841004	**PZ-100S**	HACH 8146	817109		
50386841005	**MW-107D**	HACH 8146	817109		
50386841006	**MW-107S**	HACH 8146	817109		
50386841007	**DUP-5**	HACH 8146	817109		
50386841001	**PZ-101D**	EPA 353.2	817207		
50386841002	**PZ-101S**	EPA 353.2	817207		
50386841003	**PZ-100D**	EPA 353.2	817207		
50386841004	**PZ-100S**	EPA 353.2	817207		
50386841005	**MW-107D**	EPA 353.2	817207		
50386841006	**MW-107S**	EPA 353.2	817207		
50386841007	**DUP-5**	EPA 353.2	817207		
50386841001	**PZ-101D**	SM 5310C	817311		
50386841002	**PZ-101S**	SM 5310C	817311		
50386841003	**PZ-100D**	SM 5310C	817311		
50386841004	**PZ-100S**	SM 5310C	817311		
50386841005	**MW-107D**	SM 5310C	817311		
50386841006	**MW-107S**	SM 5310C	817311		
50386841007	**DUP-5**	SM 5310C	817311		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50386841

50386841

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other		Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No
		Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other	DW PWSID # or WW Permit # as applicable:
		Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
PZ-101D	GW	G	11/4/24	1015			10			1	1	1	2	1	1	1	2	001
PZ-101S				1010														002
PZ-100D				1145														003
PZ-100S				1200														004
MW-107D				1330														005
MW-107S				1347														006
DUP-5				—														007

Lab Use Only

Proj. Mgr: Amanda Gaines

AcctNum / Client ID:

Table #:

Profile / Template: 10498/68

Prelog / Bottle Ord. ID: EZ 3165227

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: (Printed Name) Connor Epler / Mykah Bertram

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	6	-0.1	1.2	1.1	Y

	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Relinquished by/Company: (Signature)	11/4/24	Mykah Bertram	11-4-24 1448	
Relinquished by/Company: (Signature) ATLAS	11-4-24 1538	Received by/Company: (Signature)	11.4.24 1538	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 4

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: CW 11.4.24 1713

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. **Cooler Temperature(s):** 1.2/1.1 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** Fed Ex UPS (Client) Pace Now/Jett Other (Circle One)

4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☒ No

(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☒ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA **Regulated Soils?** (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate	X	
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time: 16:40	
Rush **TAT Requested (4 days or less):**		X
Custody Signatures Present?	X	
Containers Intact?:	X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** Circle: **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	X		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent X
Trip Blank Present?		X	
Trip Blank Custody Seals?:			X
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
																														HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1												2				2	1	3	1	1									WS	✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Dear Mr. Breting:

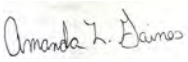
Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50386958001	**MW-109I**	Water	11/05/24 10:20	11/05/24 16:10
50386958002	**MW-109I MS**	Water	11/05/24 10:20	11/05/24 16:10
50386958003	**MW-109I MSD**	Water	11/05/24 10:20	11/05/24 16:10
50386958004	**MW-109D**	Water	11/05/24 13:30	11/05/24 16:10
50386958005	**MW-107I**	Water	11/05/24 12:07	11/05/24 16:10
50386958006	**MW-107I MS**	Water	11/05/24 12:07	11/05/24 16:10
50386958007	**MW-107I MSD**	Water	11/05/24 12:07	11/05/24 16:10

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50386958001	**MW-109I**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386958002	**MW-109I MS**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
50386958003	**MW-109I MSD**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
50386958004	**MW-109D**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386958005	**MW-107I**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50386958006	**MW-107I MS**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
50386958007	**MW-107I MSD**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386958001	**MW-109I**					
EPA 9056	Chloride	66.8	mg/L	2.5	11/08/24 06:24	
EPA 9056	Fluoride	0.16	mg/L	0.10	11/08/24 06:07	
EPA 9056	Sulfate	246	mg/L	2.5	11/08/24 06:24	
EPA 6010	Barium	140	ug/L	10.0	11/15/24 13:52	
EPA 6010	Boron	501	ug/L	100	11/15/24 13:52	
EPA 6010	Calcium	166000	ug/L	1000	11/15/24 13:52	
EPA 6010	Iron	5600	ug/L	100	11/15/24 13:52	
EPA 6010	Magnesium	46000	ug/L	1000	11/15/24 13:52	
EPA 6010	Manganese	586	ug/L	10.0	11/15/24 13:52	
EPA 6010	Molybdenum	13.1	ug/L	10.0	11/15/24 13:52	
EPA 6010	Potassium	4390	ug/L	1000	11/15/24 13:52	
EPA 6010	Sodium	46400	ug/L	1000	11/15/24 13:52	
EPA 6010	Molybdenum, Dissolved	10.6	ug/L	10.0	11/13/24 18:25	
EPA 6020	Arsenic	3.1	ug/L	1.0	11/12/24 17:31	
EPA 903.1	Radium-226	0.411 ± 0.684 (1.18) C:NA T:88%	pCi/L		11/22/24 14:00	
EPA 904.0	Radium-228	0.807 ± 0.378 (0.627) C:88% T:86%	pCi/L		11/19/24 11:29	
Total Radium Calculation	Total Radium	1.22 ± 1.06 (1.81)	pCi/L		11/25/24 08:42	
SM 2320B	Alkalinity, Total as CaCO3	347	mg/L	10.0	11/07/24 14:49	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	347	mg/L	10.0	11/07/24 14:49	
SM 2540C	Total Dissolved Solids	778	mg/L	20.0	11/06/24 09:54	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/08/24 11:03	H3
SM 5310C	Dissolved Organic Carbon	3.6	mg/L	1.0	11/07/24 23:59	
50386958002	**MW-109I MS**					
EPA 903.1	Radium-226	85.64 %REC ± NA (NA) C:NA T:NA	pCi/L		11/22/24 14:00	
EPA 904.0	Radium-228	82.83 %REC ± NA (NA) C:NA T:NA	pCi/L		11/19/24 11:30	
50386958003	**MW-109I MSD**					
EPA 903.1	Radium-226	110.20 %REC 25.08RPD ± NA (NA) C:NA T:NA	pCi/L		11/22/24 14:00	
EPA 904.0	Radium-228	108.29 %REC 26.64RPD ± NA (NA) C:NA T:NA	pCi/L		11/19/24 11:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386958004	**MW-109D**					
EPA 9056	Chloride	110	mg/L	2.5	11/08/24 08:43	
EPA 9056	Fluoride	0.15	mg/L	0.10	11/08/24 08:25	
EPA 9056	Sulfate	71.8	mg/L	2.5	11/08/24 08:43	
EPA 6010	Barium	87.7	ug/L	10.0	11/15/24 14:02	
EPA 6010	Boron	1400	ug/L	100	11/15/24 14:02	
EPA 6010	Calcium	99800	ug/L	1000	11/15/24 14:02	
EPA 6010	Iron	2020	ug/L	100	11/15/24 14:02	
EPA 6010	Magnesium	24700	ug/L	1000	11/15/24 14:02	
EPA 6010	Manganese	83.5	ug/L	10.0	11/15/24 14:02	
EPA 6010	Potassium	2360	ug/L	1000	11/15/24 14:02	
EPA 6010	Sodium	65500	ug/L	1000	11/15/24 14:02	
EPA 6020	Arsenic	2.0	ug/L	1.0	11/12/24 17:48	
EPA 903.1	Radium-226	0.721 ± 0.387 (0.140) C:NA T:95%	pCi/L		11/22/24 14:14	
EPA 904.0	Radium-228	0.837 ± 0.389 (0.636) C:80% T:82%	pCi/L		11/19/24 11:27	
Total Radium Calculation	Total Radium	1.56 ± 0.776 (0.776)	pCi/L		11/25/24 08:42	
SM 2320B	Alkalinity, Total as CaCO3	279	mg/L	10.0	11/07/24 14:49	
SM 2540C	Total Dissolved Solids	535	mg/L	10.0	11/06/24 09:55	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	11/08/24 11:50	H3
SM 5310C	Dissolved Organic Carbon	2.3	mg/L	1.0	11/08/24 00:40	
50386958005	**MW-107I**					
EPA 9056	Chloride	225	mg/L	2.5	11/08/24 09:17	
EPA 9056	Fluoride	0.58	mg/L	0.10	11/08/24 09:00	
EPA 9056	Sulfate	601	mg/L	25.0	11/08/24 09:34	
EPA 6010	Barium	32.3	ug/L	10.0	11/15/24 14:05	
EPA 6010	Boron	6840	ug/L	100	11/15/24 14:05	
EPA 6010	Calcium	209000	ug/L	2000	11/15/24 14:36	
EPA 6010	Iron	132	ug/L	100	11/15/24 14:05	
EPA 6010	Lithium	48.7	ug/L	20.0	11/15/24 14:05	
EPA 6010	Magnesium	66100	ug/L	1000	11/15/24 14:05	
EPA 6010	Manganese	88.5	ug/L	10.0	11/15/24 14:05	
EPA 6010	Molybdenum	125	ug/L	10.0	11/15/24 14:05	
EPA 6010	Potassium	9460	ug/L	1000	11/15/24 14:05	
EPA 6010	Sodium	158000	ug/L	1000	11/15/24 14:05	
EPA 6010	Molybdenum, Dissolved	120	ug/L	10.0	11/13/24 18:43	
EPA 903.1	Radium-226	0.268 ± 0.581 (1.03) C:NA T:90%	pCi/L		11/22/24 14:14	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50386958005	**MW-107I**					
EPA 904.0	Radium-228	0.213 ± 0.306 (0.656) C:83% T:84%	pCi/L		11/19/24 11:30	
Total Radium Calculation	Total Radium	0.481 ± 0.887 (1.69)	pCi/L		11/25/24 08:42	
SM 2320B	Alkalinity, Total as CaCO3	226	mg/L	10.0	11/07/24 14:49	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	226	mg/L	10.0	11/07/24 14:49	
SM 2540C	Total Dissolved Solids	1400	mg/L	20.0	11/06/24 09:56	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	11/08/24 11:40	H3
EPA 353.2	Nitrogen, Nitrate	0.37	mg/L	0.10	11/07/24 00:30	
SM 5310C	Dissolved Organic Carbon	1.1	mg/L	1.0	11/11/24 15:09	
50386958006	**MW-107I MS**					
EPA 903.1	Radium-226	106.54 %REC ± NA (NA) C:NA T:NA	pCi/L		11/22/24 14:14	
EPA 904.0	Radium-228	88.09 %REC ± NA (NA) C:NA T:NA	pCi/L		11/19/24 11:30	
50386958007	**MW-107I MSD**					
EPA 903.1	Radium-226	106.18 %REC 0.33RPD ± NA (NA) C:NA T:NA	pCi/L		11/22/24 14:14	
EPA 904.0	Radium-228	73.64 %REC 17.86RPD ± NA (NA) C:NA T:NA	pCi/L		11/19/24 11:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109I **Lab ID: 50386958001** Collected: 11/05/24 10:20 Received: 11/05/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**66.8**	mg/L	2.5	1.3	10		11/08/24 06:24	16887-00-6	
Fluoride	**0.16**	mg/L	0.10	0.016	1		11/08/24 06:07	16984-48-8	
Sulfate	**246**	mg/L	2.5	1.9	10		11/08/24 06:24	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**140**	ug/L	10.0	0.68	1	11/11/24 16:29	11/15/24 13:52	7440-39-3	
Boron	**501**	ug/L	100	5.6	1	11/11/24 16:29	11/15/24 13:52	7440-42-8	
Calcium	**166000**	ug/L	1000	83.9	1	11/11/24 16:29	11/15/24 13:52	7440-70-2	
Iron	**5600**	ug/L	100	41.0	1	11/11/24 16:29	11/15/24 13:52	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/11/24 16:29	11/15/24 13:52	7439-93-2	
Magnesium	**46000**	ug/L	1000	53.7	1	11/11/24 16:29	11/15/24 13:52	7439-95-4	
Manganese	**586**	ug/L	10.0	0.77	1	11/11/24 16:29	11/15/24 13:52	7439-96-5	
Molybdenum	**13.1**	ug/L	10.0	1.4	1	11/11/24 16:29	11/15/24 13:52	7439-98-7	
Potassium	**4390**	ug/L	1000	113	1	11/11/24 16:29	11/15/24 13:52	7440-09-7	
Sodium	**46400**	ug/L	1000	95.0	1	11/11/24 16:29	11/15/24 13:52	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**10.6**	ug/L	10.0	1.4	1	11/11/24 21:05	11/13/24 18:25	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/09/24 23:00	11/12/24 17:31	7440-36-0	
Arsenic	**3.1**	ug/L	1.0	0.080	1	11/09/24 23:00	11/12/24 17:31	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/09/24 23:00	11/12/24 17:31	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/09/24 23:00	11/12/24 17:31	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**347**	mg/L	10.0	10.0	1		11/07/24 14:49		
Alkalinity,Bicarbonate (CaCO3)	**347**	mg/L	10.0	10.0	1		11/07/24 14:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 14:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**778**	mg/L	20.0	20.0	1		11/06/24 09:54		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/08/24 11:03		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109I **Lab ID: 50386958001** Collected: 11/05/24 10:20 Received: 11/05/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/06/24 23:42	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.6**	mg/L	1.0	0.25	1		11/07/24 23:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109D **Lab ID: 50386958004** Collected: 11/05/24 13:30 Received: 11/05/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**110**	mg/L	2.5	1.3	10		11/08/24 08:43	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.016	1		11/08/24 08:25	16984-48-8	
Sulfate	**71.8**	mg/L	2.5	1.9	10		11/08/24 08:43	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**87.7**	ug/L	10.0	0.68	1	11/11/24 16:29	11/15/24 14:02	7440-39-3	
Boron	**1400**	ug/L	100	5.6	1	11/11/24 16:29	11/15/24 14:02	7440-42-8	
Calcium	**99800**	ug/L	1000	83.9	1	11/11/24 16:29	11/15/24 14:02	7440-70-2	
Iron	**2020**	ug/L	100	41.0	1	11/11/24 16:29	11/15/24 14:02	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/11/24 16:29	11/15/24 14:02	7439-93-2	
Magnesium	**24700**	ug/L	1000	53.7	1	11/11/24 16:29	11/15/24 14:02	7439-95-4	
Manganese	**83.5**	ug/L	10.0	0.77	1	11/11/24 16:29	11/15/24 14:02	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/11/24 16:29	11/15/24 14:02	7439-98-7	
Potassium	**2360**	ug/L	1000	113	1	11/11/24 16:29	11/15/24 14:02	7440-09-7	
Sodium	**65500**	ug/L	1000	95.0	1	11/11/24 16:29	11/15/24 14:02	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/11/24 21:05	11/13/24 18:41	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/09/24 23:00	11/12/24 17:48	7440-36-0	
Arsenic	**2.0**	ug/L	1.0	0.080	1	11/09/24 23:00	11/12/24 17:48	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/09/24 23:00	11/12/24 17:48	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/09/24 23:00	11/12/24 17:48	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**279**	mg/L	10.0	10.0	1		11/07/24 14:49		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 14:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 14:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**535**	mg/L	10.0	10.0	1		11/06/24 09:55		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		11/08/24 11:50		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109D **Lab ID: 50386958004** Collected: 11/05/24 13:30 Received: 11/05/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 01:29	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.3**	mg/L	1.0	0.25	1		11/08/24 00:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-107I **Lab ID: 50386958005** Collected: 11/05/24 12:07 Received: 11/05/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**225**	mg/L	2.5	1.3	10		11/08/24 09:17	16887-00-6	
Fluoride	**0.58**	mg/L	0.10	0.016	1		11/08/24 09:00	16984-48-8	
Sulfate	**601**	mg/L	25.0	19.0	100		11/08/24 09:34	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**32.3**	ug/L	10.0	0.68	1	11/11/24 16:29	11/15/24 14:05	7440-39-3	
Boron	**6840**	ug/L	100	5.6	1	11/11/24 16:29	11/15/24 14:05	7440-42-8	
Calcium	**209000**	ug/L	2000	168	2	11/11/24 16:29	11/15/24 14:36	7440-70-2	
Iron	**132**	ug/L	100	41.0	1	11/11/24 16:29	11/15/24 14:05	7439-89-6	
Lithium	**48.7**	ug/L	20.0	3.8	1	11/11/24 16:29	11/15/24 14:05	7439-93-2	
Magnesium	**66100**	ug/L	1000	53.7	1	11/11/24 16:29	11/15/24 14:05	7439-95-4	
Manganese	**88.5**	ug/L	10.0	0.77	1	11/11/24 16:29	11/15/24 14:05	7439-96-5	
Molybdenum	**125**	ug/L	10.0	1.4	1	11/11/24 16:29	11/15/24 14:05	7439-98-7	
Potassium	**9460**	ug/L	1000	113	1	11/11/24 16:29	11/15/24 14:05	7440-09-7	
Sodium	**158000**	ug/L	1000	95.0	1	11/11/24 16:29	11/15/24 14:05	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**120**	ug/L	10.0	1.4	1	11/11/24 21:05	11/13/24 18:43	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/09/24 23:00	11/12/24 17:52	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/09/24 23:00	11/12/24 17:52	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/09/24 23:00	11/12/24 17:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/09/24 23:00	11/12/24 17:52	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**226**	mg/L	10.0	10.0	1		11/07/24 14:49		
Alkalinity,Bicarbonate (CaCO3)	**226**	mg/L	10.0	10.0	1		11/07/24 14:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/07/24 14:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1400**	mg/L	20.0	20.0	1		11/06/24 09:56		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		11/08/24 11:40		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-107I **Lab ID: 50386958005** Collected: 11/05/24 12:07 Received: 11/05/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.37**	mg/L	0.10	0.013	1		11/07/24 00:30	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.1**	mg/L	1.0	0.25	1		11/11/24 15:09		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817339
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

METHOD BLANK: 3739046 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004, 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/07/24 11:15	
Fluoride	mg/L	ND	0.10	0.016	11/07/24 11:15	
Sulfate	mg/L	ND	0.25	0.19	11/07/24 11:15	

LABORATORY CONTROL SAMPLE: 3739047

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	96	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739048 3739049

Parameter	Units	50386735008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	23.8	25	25	50.6	50.2	107	105	80-120	1	15	
Fluoride	mg/L	0.30	1	1	1.3	1.3	101	102	80-120	1	15	
Sulfate	mg/L	1230	500	500	1680	1670	89	88	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739050 3739051

Parameter	Units	50386911002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	192	25	25	211	207	74	60	80-120	2	15	M0
Fluoride	mg/L	0.30	1	1	1.3	1.3	100	99	80-120	0	15	
Sulfate	mg/L	212	50	50	249	248	73	72	80-120	0	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739052 3739053

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	66.8	25	25	87.7	87.0	84	81	80-120	1	15	
Fluoride	mg/L	0.16	1	1	1.2	1.2	99	100	80-120	1	15	
Sulfate	mg/L	246	50	50	284	283	75	72	80-120	0	15	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

MATRIX SPIKE SAMPLE: 3739056

Parameter	Units	50386958005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	225	25	236	44	80-120	M0
Fluoride	mg/L	0.58	1	1.6	99	80-120	
Sulfate	mg/L	601	500	1040	88	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817488
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

METHOD BLANK: 3739925 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004, 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/15/24 13:06	
Boron	ug/L	ND	100	5.6	11/15/24 13:06	
Calcium	ug/L	ND	1000	83.9	11/15/24 13:06	
Iron	ug/L	ND	100	41.0	11/15/24 13:06	
Lithium	ug/L	ND	20.0	3.8	11/15/24 13:06	
Magnesium	ug/L	ND	1000	53.7	11/15/24 13:06	
Manganese	ug/L	ND	10.0	0.77	11/15/24 13:06	
Molybdenum	ug/L	ND	10.0	1.4	11/15/24 13:06	
Potassium	ug/L	ND	1000	113	11/15/24 13:06	
Sodium	ug/L	ND	1000	95.0	11/15/24 13:06	

LABORATORY CONTROL SAMPLE: 3739926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1050	105	80-120	
Boron	ug/L	1000	1020	102	80-120	
Calcium	ug/L	10000	10700	107	80-120	
Iron	ug/L	10000	10500	105	80-120	
Lithium	ug/L	1000	1030	103	80-120	
Magnesium	ug/L	10000	10500	105	80-120	
Manganese	ug/L	1000	1040	104	80-120	
Molybdenum	ug/L	1000	1080	108	80-120	
Potassium	ug/L	10000	10300	103	80-120	
Sodium	ug/L	10000	10200	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739927 3739928

Parameter	Units	50386911002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.050 mg/L	1000	1000	1090	1060	104	101	75-125	2	20	
Boron	ug/L	1.6 mg/L	1000	1000	2590	2510	103	95	75-125	3	20	
Calcium	ug/L	103 mg/L	10000	10000	113000	109000	92	52	75-125	4	20	P6
Iron	ug/L	0.19 mg/L	10000	10000	10500	10200	103	100	75-125	2	20	
Lithium	ug/L	0.15 mg/L	1000	1000	1150	1130	101	98	75-125	2	20	
Magnesium	ug/L	14.0 mg/L	10000	10000	24200	23400	102	94	75-125	3	20	
Manganese	ug/L	0.011 mg/L	1000	1000	1040	1010	103	100	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739927 3739928

Parameter	Units	50386911002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum	ug/L	0.021 mg/L	1000	1000	1100	1080	108	106	75-125	2	20	
Potassium	ug/L	29.9 mg/L	10000	10000	39700	38800	99	89	75-125	2	20	
Sodium	ug/L	126 mg/L	10000	10000	134000	130000	83	42	75-125	3	20	P6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739929 3739930

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	140	1000	1000	1160	1150	102	101	75-125	1	20	
Boron	ug/L	501	1000	1000	1510	1510	101	101	75-125	0	20	
Calcium	ug/L	166000	10000	10000	171000	172000	57	63	75-125	0	20	P6
Iron	ug/L	5600	10000	10000	15500	15500	99	99	75-125	0	20	
Lithium	ug/L	ND	1000	1000	1020	1010	101	100	75-125	0	20	
Magnesium	ug/L	46000	10000	10000	55100	55000	91	91	75-125	0	20	
Manganese	ug/L	586	1000	1000	1570	1570	98	98	75-125	0	20	
Molybdenum	ug/L	13.1	1000	1000	1080	1070	107	106	75-125	0	20	
Potassium	ug/L	4390	10000	10000	14300	14300	100	99	75-125	0	20	
Sodium	ug/L	46400	10000	10000	55300	55200	89	88	75-125	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739931 3739932

Parameter	Units	50386958005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	32.3	1000	1000	1070	1050	104	101	75-125	3	20	
Boron	ug/L	6840	1000	1000	7950	7690	111	84	75-125	3	20	
Calcium	ug/L	209000	10000	10000	218000	224000	93	148	75-125	2	20	P6
Iron	ug/L	132	10000	10000	10300	10100	102	100	75-125	2	20	
Lithium	ug/L	48.7	1000	1000	1070	1050	102	100	75-125	1	20	
Magnesium	ug/L	66100	10000	10000	76700	75100	106	90	75-125	2	20	
Manganese	ug/L	88.5	1000	1000	1110	1090	103	101	75-125	2	20	
Molybdenum	ug/L	125	1000	1000	1210	1200	109	107	75-125	1	20	
Potassium	ug/L	9460	10000	10000	19800	19500	103	101	75-125	1	20	
Sodium	ug/L	158000	10000	10000	169000	165000	114	79	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817319
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

METHOD BLANK: 3738936 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004, 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/13/24 18:09	

LABORATORY CONTROL SAMPLE: 3738937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	940	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738938 3738939

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	10.6	1000	1000	973	976	96	97	75-125	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738940 3738941

Parameter	Units	50386958005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	120	1000	1000	1120	1090	100	97	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738942 3738943

Parameter	Units	50386971003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	0.044 mg/L	1000	1000	1070	1090	102	105	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817647
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

METHOD BLANK: 3740632 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004, 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/12/24 15:53	
Arsenic	ug/L	ND	1.0	0.080	11/12/24 15:53	
Cobalt	ug/L	ND	1.0	0.045	11/12/24 15:53	
Selenium	ug/L	ND	1.0	0.26	11/12/24 15:53	

LABORATORY CONTROL SAMPLE: 3740633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.9	102	80-120	
Arsenic	ug/L	40	38.4	96	80-120	
Cobalt	ug/L	40	40.7	102	80-120	
Selenium	ug/L	40	39.9	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740634 3740635

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.4	42.0	104	105	75-125	1	20	
Arsenic	ug/L	3.1	40	40	40.6	41.0	94	95	75-125	1	20	
Cobalt	ug/L	ND	40	40	38.1	38.0	95	95	75-125	0	20	
Selenium	ug/L	ND	40	40	38.8	38.3	97	96	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740636 3740637

Parameter	Units	50386958005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.5	41.4	104	103	75-125	0	20	
Arsenic	ug/L	ND	40	40	38.3	38.0	95	94	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.6	37.7	93	93	75-125	0	20	
Selenium	ug/L	ND	40	40	39.9	39.8	99	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817577 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

METHOD BLANK: 3740282 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004, 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/07/24 14:49	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 14:49	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/07/24 14:49	

LABORATORY CONTROL SAMPLE: 3740283

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.2	104	90-110	

SAMPLE DUPLICATE: 3740284

Parameter	Units	50386958001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	347	350	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	347	350	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3740285

Parameter	Units	50386958005 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	226	226	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	226	226	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817267
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

METHOD BLANK: 3738680 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004, 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/06/24 09:53	

LABORATORY CONTROL SAMPLE: 3738681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	287	96	80-120	

SAMPLE DUPLICATE: 3738682

Parameter	Units	50386958001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	778	760	2	10	

SAMPLE DUPLICATE: 3738683

Parameter	Units	50386958005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1400	1380	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817815
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004, 50386958005

SAMPLE DUPLICATE: 3741608

Parameter	Units	50386958001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

SAMPLE DUPLICATE: 3741609

Parameter	Units	50386958005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.6	2	2	H3

SAMPLE DUPLICATE: 3741610

Parameter	Units	50387075004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.4	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817460
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001

METHOD BLANK: 3739758 Matrix: Water
Associated Lab Samples: 50386958001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/06/24 22:51	

LABORATORY CONTROL SAMPLE: 3739759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739760 3739761

Parameter	Units	50386974005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	97	99	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739762 3739763

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	100	99	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817461
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958005

METHOD BLANK: 3739764 Matrix: Water
Associated Lab Samples: 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/06/24 23:47	

LABORATORY CONTROL SAMPLE: 3739765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739766 3739767

Parameter	Units	50386958005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.37	1	1	1.4	1.4	106	106	90-110	0	20	

MATRIX SPIKE SAMPLE: 3739768

Parameter	Units	50387075002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	101	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817462
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958004

METHOD BLANK: 3739769 Matrix: Water
Associated Lab Samples: 50386958004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/07/24 01:01	

LABORATORY CONTROL SAMPLE: 3739770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739771 3739772

Parameter	Units	50386971003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	99	101	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739773 3739774

Parameter	Units	50387076003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	2.4	1	1	3.3	3.2	96	89	90-110	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817311
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958001, 50386958004

METHOD BLANK: 3738911 Matrix: Water
Associated Lab Samples: 50386958001, 50386958004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/07/24 19:15	

LABORATORY CONTROL SAMPLE: 3738912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738913 3738914

Parameter	Units	50386958001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.6	10	10	14.8	14.0	112	104	80-120	5	15	

MATRIX SPIKE SAMPLE: 3738915

Parameter	Units	50386958004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	2.3	10	12.2	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 817312
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50386958005

METHOD BLANK: 3738916 Matrix: Water
Associated Lab Samples: 50386958005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/11/24 12:56	

LABORATORY CONTROL SAMPLE: 3738917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3738918 3738919

Parameter	Units	50386958005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.1	10	10	11.1	11.0	100	98	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109I **Lab ID: 50386958001** Collected: 11/05/24 10:20 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.411 ± 0.684 (1.18) C:NA T:88%**	pCi/L	11/22/24 14:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.807 ± 0.378 (0.627) C:88% T:86%**	pCi/L	11/19/24 11:29	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.22 ± 1.06 (1.81)**	pCi/L	11/25/24 08:42	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109I MS **Lab ID: 50386958002** Collected: 11/05/24 10:20 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**85.64 %REC ± NA (NA) C:NA T:NA**	pCi/L	11/22/24 14:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**82.83 %REC ± NA (NA) C:NA T:NA**	pCi/L	11/19/24 11:30	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109I MSD **Lab ID: 50386958003** Collected: 11/05/24 10:20 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**110.20 %REC 25.08RPD ± NA (NA) C:NA T:NA**	pCi/L	11/22/24 14:00	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**108.29 %REC 26.64RPD ± NA (NA) C:NA T:NA**	pCi/L	11/19/24 11:30	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-109D **Lab ID: 50386958004** Collected: 11/05/24 13:30 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.721 ± 0.387 (0.140) C:NA T:95%**	pCi/L	11/22/24 14:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.837 ± 0.389 (0.636) C:80% T:82%**	pCi/L	11/19/24 11:27	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.56 ± 0.776 (0.776)**	pCi/L	11/25/24 08:42	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-107I **Lab ID: 50386958005** Collected: 11/05/24 12:07 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.268 ± 0.581 (1.03) C:NA T:90%**	pCi/L	11/22/24 14:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.213 ± 0.306 (0.656) C:83% T:84%**	pCi/L	11/19/24 11:30	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.481 ± 0.887 (1.69)**	pCi/L	11/25/24 08:42	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-107I MS **Lab ID: 50386958006** Collected: 11/05/24 12:07 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**106.54 %REC ± NA (NA) C:NA T:NA**	pCi/L	11/22/24 14:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**88.09 %REC ± NA (NA) C:NA T:NA**	pCi/L	11/19/24 11:30	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Sample: MW-107I MSD **Lab ID: 50386958007** Collected: 11/05/24 12:07 Received: 11/05/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**106.18 %REC 0.33RPD ± NA (NA) C:NA T:NA**	pCi/L	11/22/24 14:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**73.64 %REC 17.86RPD ± NA (NA) C:NA T:NA**	pCi/L	11/19/24 11:30	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 708087 | Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 | Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50386958001, 50386958002, 50386958003, 50386958004, 50386958005, 50386958006, 50386958007

METHOD BLANK: 3447538 Matrix: Water
Associated Lab Samples: 50386958001, 50386958002, 50386958003, 50386958004, 50386958005, 50386958006, 50386958007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.523 ± 0.299 (0.535) C:84% T:93%	pCi/L	11/19/24 11:27	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

QC Batch: 708085 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50386958001, 50386958002, 50386958003, 50386958004, 50386958005, 50386958006, 50386958007

METHOD BLANK: 3447533 Matrix: Water
Associated Lab Samples: 50386958001, 50386958002, 50386958003, 50386958004, 50386958005, 50386958006, 50386958007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.222 ± 0.380 (0.667) C:NA T:97%	pCi/L	11/22/24 14:00	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50386958001	**MW-109I**	EPA 9056	817339		
50386958004	**MW-109D**	EPA 9056	817339		
50386958005	**MW-107I**	EPA 9056	817339		
50386958001	**MW-109I**	EPA 3010	817488	EPA 6010	819213
50386958004	**MW-109D**	EPA 3010	817488	EPA 6010	819213
50386958005	**MW-107I**	EPA 3010	817488	EPA 6010	819213
50386958001	**MW-109I**	EPA 3010	817319	EPA 6010	818761
50386958004	**MW-109D**	EPA 3010	817319	EPA 6010	818761
50386958005	**MW-107I**	EPA 3010	817319	EPA 6010	818761
50386958001	**MW-109I**	EPA 200.2	817647	EPA 6020	818120
50386958004	**MW-109D**	EPA 200.2	817647	EPA 6020	818120
50386958005	**MW-107I**	EPA 200.2	817647	EPA 6020	818120
50386958001	**MW-109I**	EPA 903.1	708085		
50386958002	**MW-109I MS**	EPA 903.1	708085		
50386958003	**MW-109I MSD**	EPA 903.1	708085		
50386958004	**MW-109D**	EPA 903.1	708085		
50386958005	**MW-107I**	EPA 903.1	708085		
50386958006	**MW-107I MS**	EPA 903.1	708085		
50386958007	**MW-107I MSD**	EPA 903.1	708085		
50386958001	**MW-109I**	EPA 904.0	708087		
50386958002	**MW-109I MS**	EPA 904.0	708087		
50386958003	**MW-109I MSD**	EPA 904.0	708087		
50386958004	**MW-109D**	EPA 904.0	708087		
50386958005	**MW-107I**	EPA 904.0	708087		
50386958006	**MW-107I MS**	EPA 904.0	708087		
50386958007	**MW-107I MSD**	EPA 904.0	708087		
50386958001	**MW-109I**	Total Radium Calculation	711666		
50386958004	**MW-109D**	Total Radium Calculation	711666		
50386958005	**MW-107I**	Total Radium Calculation	711666		
50386958001	**MW-109I**	SM 2320B	817577		
50386958004	**MW-109D**	SM 2320B	817577		
50386958005	**MW-107I**	SM 2320B	817577		
50386958001	**MW-109I**	SM 2540C	817267		
50386958004	**MW-109D**	SM 2540C	817267		
50386958005	**MW-107I**	SM 2540C	817267		
50386958001	**MW-109I**	SM 4500-H+B	817815		
50386958004	**MW-109D**	SM 4500-H+B	817815		
50386958005	**MW-107I**	SM 4500-H+B	817815		
50386958001	**MW-109I**	EPA 353.2	817460		
50386958004	**MW-109D**	EPA 353.2	817462		
50386958005	**MW-107I**	EPA 353.2	817461		
50386958001	**MW-109I**	SM 5310C	817311		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50386958

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50386958004	**MW-109D**	SM 5310C	817311		
50386958005	**MW-107I**	SM 5310C	817312		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50386958

50386958

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (If applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA		Sample Comment	Preservation non-conformance identified for sample.
MW-109I	GW	G	11/5/24	1020						1	1	1	2	1	1	1	2		001 002 003	
MW-109D				1330															004	
MW-107I				1207															005 006 007	
MS-3				1207																
MSD-3				1207																
MS-4				1020																
MSD-4				1020																

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165227

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Egler / Mykah Beckham
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	H	-0.1	3.3	3.2	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	11/5/24	TBH	11/5/24 16:10	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of Page41 of 43

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/5/24 16:10 TBH

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G (H) I

2. **Cooler Temperature(s):** (Initial/Corrected) 3.3/3.2 | 2.8/2.7 | | | RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☑ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA **Regulated Soils?** (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short **Hold Time Analysis (48 hours or less)?** Analysis: 353.2 Nitrate	✓	
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time:	
Rush **TAT Requested (4 days or less):**		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH (only)						AMBER GLASS							PLASTIC									OTHER								
			SBS																													
			DI																													
COC Line, Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												6				6	3	3	3	1									SL	✓	✓		
2												2				2	1	3	1	1									↓	↓	↓		
3												6				6	3	9	3	3													
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Dear Mr. Breting:

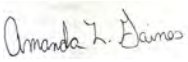
Enclosed are the analytical results for sample(s) received by the laboratory on November 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387101001	**MW-106S**	Water	11/06/24 10:45	11/06/24 16:48
50387101002	**MW-106D**	Water	11/06/24 13:00	11/06/24 16:48
50387101003	**MW-108S**	Water	11/06/24 14:40	11/06/24 16:48
50387101004	**MW-105S**	Water	11/06/24 15:00	11/06/24 16:48
50387101005	**MW-105D**	Water	11/06/24 14:00	11/06/24 16:48
50387101006	**DUP-7**	Water	11/06/24 08:00	11/06/24 16:48

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387101001	**MW-106S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387101002	**MW-106D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387101003	**MW-108S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387101004	**MW-105S**	EPA 9056	ADM	3	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	JPK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387101005	**MW-105D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387101006	**DUP-7**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387101001	**MW-106S**					
EPA 9056	Chloride	71.3	mg/L	2.5	11/11/24 06:13	
EPA 9056	Fluoride	0.48	mg/L	0.10	11/11/24 05:55	
EPA 9056	Sulfate	902	mg/L	25.0	11/11/24 06:31	
EPA 6010	Barium	24.3	ug/L	10.0	11/15/24 04:45	
EPA 6010	Boron	8680	ug/L	100	11/15/24 04:45	
EPA 6010	Calcium	286000	ug/L	2000	11/15/24 05:12	
EPA 6010	Iron	139	ug/L	100	11/15/24 04:45	
EPA 6010	Lithium	61.2	ug/L	20.0	11/15/24 04:45	
EPA 6010	Magnesium	112000	ug/L	1000	11/15/24 04:45	
EPA 6010	Manganese	978	ug/L	10.0	11/15/24 04:45	
EPA 6010	Molybdenum	20.1	ug/L	10.0	11/15/24 04:45	
EPA 6010	Potassium	9920	ug/L	1000	11/15/24 04:45	
EPA 6010	Sodium	65800	ug/L	1000	11/15/24 04:45	
EPA 6010	Molybdenum, Dissolved	21.0	ug/L	10.0	11/14/24 04:47	
EPA 6020	Cobalt	1.3	ug/L	1.0	11/15/24 04:22	
EPA 903.1	Radium-226	0.317 ± 0.479 (0.820) C:NA T:94%	pCi/L		12/02/24 15:18	
EPA 904.0	Radium-228	0.963 ± 0.427 (0.693) C:75% T:84%	pCi/L		11/27/24 11:19	
Total Radium Calculation	Total Radium	1.28 ± 0.906 (1.51)	pCi/L		12/03/24 15:20	
SM 2320B	Alkalinity, Total as CaCO3	269	mg/L	10.0	11/08/24 13:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	269	mg/L	10.0	11/08/24 13:34	
SM 2540C	Total Dissolved Solids	1660	mg/L	20.0	11/09/24 14:29	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/08/24 12:33	H3
SM 5310C	Dissolved Organic Carbon	1.7	mg/L	1.0	11/08/24 04:23	
50387101002	**MW-106D**					
EPA 9056	Chloride	235	mg/L	2.5	11/11/24 07:44	
EPA 9056	Fluoride	0.33	mg/L	0.10	11/11/24 07:26	
EPA 9056	Sulfate	631	mg/L	25.0	11/11/24 08:02	
EPA 6010	Barium	30.2	ug/L	10.0	11/15/24 04:30	
EPA 6010	Boron	14300	ug/L	100	11/15/24 04:30	
EPA 6010	Calcium	235000	ug/L	2000	11/15/24 04:59	
EPA 6010	Iron	3640	ug/L	100	11/15/24 04:30	
EPA 6010	Lithium	96.6	ug/L	20.0	11/15/24 04:30	
EPA 6010	Magnesium	49200	ug/L	1000	11/15/24 04:30	
EPA 6010	Manganese	304	ug/L	10.0	11/15/24 04:30	
EPA 6010	Molybdenum	359	ug/L	10.0	11/15/24 04:30	
EPA 6010	Potassium	12100	ug/L	1000	11/15/24 04:30	
EPA 6010	Sodium	170000	ug/L	1000	11/15/24 04:30	
EPA 6010	Molybdenum, Dissolved	339	ug/L	10.0	11/14/24 04:49	
EPA 6020	Arsenic	196	ug/L	1.0	11/15/24 04:25	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387101002	**MW-106D**					
EPA 903.1	Radium-226	-0.267 ± 0.457 (1.00) C:NA T:79%	pCi/L		12/02/24 15:18	
EPA 904.0	Radium-228	0.932 ± 0.532 (0.953) C:72% T:61%	pCi/L		11/27/24 11:19	
Total Radium Calculation	Total Radium	0.932 ± 0.989 (1.95)	pCi/L		12/03/24 15:20	
SM 2320B	Alkalinity, Total as CaCO3	239	mg/L	10.0	11/08/24 13:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	239	mg/L	10.0	11/08/24 13:34	
SM 2540C	Total Dissolved Solids	1430	mg/L	20.0	11/09/24 14:30	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/08/24 12:57	H3
SM 5310C	Dissolved Organic Carbon	3.3	mg/L	1.0	11/08/24 04:34	
50387101003	**MW-108S**					
EPA 9056	Chloride	174	mg/L	2.5	11/11/24 08:39	
EPA 9056	Fluoride	0.66	mg/L	0.10	11/11/24 08:20	
EPA 9056	Sulfate	1190	mg/L	25.0	11/11/24 08:57	
EPA 6010	Barium	37.9	ug/L	10.0	11/15/24 04:32	
EPA 6010	Boron	2560	ug/L	100	11/15/24 04:32	
EPA 6010	Calcium	411000	ug/L	3000	11/15/24 05:01	
EPA 6010	Iron	7550	ug/L	100	11/15/24 04:32	
EPA 6010	Lithium	85.8	ug/L	20.0	11/15/24 04:32	
EPA 6010	Magnesium	139000	ug/L	1000	11/15/24 04:32	
EPA 6010	Manganese	746	ug/L	10.0	11/15/24 04:32	
EPA 6010	Molybdenum	78.0	ug/L	10.0	11/15/24 04:32	
EPA 6010	Potassium	13900	ug/L	1000	11/15/24 04:32	
EPA 6010	Sodium	120000	ug/L	1000	11/15/24 04:32	
EPA 6010	Molybdenum, Dissolved	74.7	ug/L	10.0	11/14/24 04:51	
EPA 903.1	Radium-226	0.576 ± 0.660 (1.08) C:NA T:81%	pCi/L		12/02/24 15:18	
EPA 904.0	Radium-228	0.776 ± 0.410 (0.716) C:75% T:81%	pCi/L		11/27/24 11:20	
Total Radium Calculation	Total Radium	1.35 ± 1.07 (1.80)	pCi/L		12/03/24 15:20	
SM 2320B	Alkalinity, Total as CaCO3	350	mg/L	10.0	11/08/24 13:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	350	mg/L	10.0	11/08/24 13:34	
SM 2540C	Total Dissolved Solids	2510	mg/L	40.0	11/09/24 14:30	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/08/24 13:07	H3
SM 5310C	Dissolved Organic Carbon	2.9	mg/L	1.0	11/08/24 04:46	
50387101004	**MW-105S**					
EPA 9056	Chloride	174	mg/L	2.5	11/11/24 09:33	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387101004	**MW-105S**					
EPA 9056	Fluoride	0.35	mg/L	0.10	11/11/24 09:15	
EPA 9056	Sulfate	1210	mg/L	25.0	11/11/24 09:52	
EPA 6010	Barium	31.4	ug/L	10.0	11/15/24 04:34	
EPA 6010	Boron	27600	ug/L	100	11/15/24 04:34	
EPA 6010	Calcium	408000	ug/L	3000	11/15/24 05:03	
EPA 6010	Iron	9570	ug/L	100	11/15/24 04:34	
EPA 6010	Lithium	336	ug/L	20.0	11/15/24 04:34	
EPA 6010	Magnesium	102000	ug/L	1000	11/15/24 04:34	
EPA 6010	Manganese	204	ug/L	10.0	11/15/24 04:34	
EPA 6010	Molybdenum	80.3	ug/L	10.0	11/15/24 04:34	
EPA 6010	Potassium	18700	ug/L	1000	11/15/24 04:34	
EPA 6010	Sodium	165000	ug/L	1000	11/15/24 04:34	
EPA 6010	Molybdenum, Dissolved	73.2	ug/L	10.0	11/14/24 04:53	
EPA 6020	Arsenic	6.5	ug/L	1.0	11/15/24 04:29	
EPA 903.1	Radium-226	0.781 ± 0.514 (0.688) C:NA T:94%	pCi/L		12/02/24 15:36	
EPA 904.0	Radium-228	1.32 ± 0.524 (0.785) C:73% T:77%	pCi/L		11/27/24 14:23	
Total Radium Calculation	Total Radium	2.10 ± 1.04 (1.47)	pCi/L		12/03/24 15:20	
SM 2320B	Alkalinity, Total as CaCO3	262	mg/L	10.0	11/08/24 13:34	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	262	mg/L	10.0	11/08/24 13:34	
SM 2540C	Total Dissolved Solids	2300	mg/L	40.0	11/09/24 14:31	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	11/08/24 13:16	H3
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	11/08/24 04:58	
50387101005	**MW-105D**					
EPA 9056	Chloride	133	mg/L	2.5	11/11/24 11:04	
EPA 9056	Fluoride	0.26	mg/L	0.10	11/11/24 10:46	
EPA 9056	Sulfate	112	mg/L	2.5	11/11/24 11:04	
EPA 6010	Barium	308	ug/L	10.0	11/15/24 04:36	
EPA 6010	Boron	901	ug/L	100	11/15/24 04:36	
EPA 6010	Calcium	108000	ug/L	1000	11/15/24 04:36	
EPA 6010	Iron	6250	ug/L	100	11/15/24 04:36	
EPA 6010	Magnesium	28000	ug/L	1000	11/15/24 04:36	
EPA 6010	Manganese	137	ug/L	10.0	11/15/24 04:36	
EPA 6010	Molybdenum	14.6	ug/L	10.0	11/15/24 04:36	
EPA 6010	Potassium	5790	ug/L	1000	11/15/24 04:36	
EPA 6010	Sodium	76700	ug/L	1000	11/15/24 04:36	
EPA 6010	Molybdenum, Dissolved	12.1	ug/L	10.0	11/14/24 04:55	
EPA 6020	Arsenic	5.2	ug/L	1.0	11/15/24 04:33	
EPA 903.1	Radium-226	0.415 ± 0.559 (0.940) C:NA T:78%	pCi/L		12/02/24 15:36	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387101005	**MW-105D**					
EPA 904.0	Radium-228	1.04 ± 0.464 (0.721) C:78% T:72%	pCi/L		11/27/24 14:23	
Total Radium Calculation	Total Radium	1.46 ± 1.02 (1.66)	pCi/L		12/03/24 15:20	
SM 2320B	Alkalinity, Total as CaCO3	264	mg/L	10.0	11/08/24 13:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	264	mg/L	10.0	11/08/24 13:20	
SM 2540C	Total Dissolved Solids	620	mg/L	10.0	11/09/24 14:32	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/08/24 13:05	H3
SM 5310C	Dissolved Organic Carbon	2.8	mg/L	1.0	11/08/24 05:09	
50387101006	**DUP-7**					
EPA 9056	Chloride	176	mg/L	2.5	11/11/24 11:41	
EPA 9056	Fluoride	0.35	mg/L	0.10	11/11/24 11:23	
EPA 9056	Sulfate	1230	mg/L	25.0	11/11/24 11:59	
EPA 6010	Barium	31.0	ug/L	10.0	11/15/24 04:43	
EPA 6010	Boron	26900	ug/L	100	11/15/24 04:43	
EPA 6010	Calcium	388000	ug/L	3000	11/15/24 05:10	
EPA 6010	Iron	9310	ug/L	100	11/15/24 04:43	
EPA 6010	Lithium	326	ug/L	20.0	11/15/24 04:43	
EPA 6010	Magnesium	100000	ug/L	1000	11/15/24 04:43	
EPA 6010	Manganese	200	ug/L	10.0	11/15/24 04:43	
EPA 6010	Molybdenum	78.7	ug/L	10.0	11/15/24 04:43	
EPA 6010	Potassium	18300	ug/L	1000	11/15/24 04:43	
EPA 6010	Sodium	161000	ug/L	1000	11/15/24 04:43	
EPA 6010	Molybdenum, Dissolved	74.6	ug/L	10.0	11/14/24 04:57	
EPA 6020	Arsenic	6.3	ug/L	1.0	11/15/24 04:37	
EPA 903.1	Radium-226	-0.144 ± 0.589 (1.15) C:NA T:88%	pCi/L		12/02/24 15:36	
EPA 904.0	Radium-228	0.951 ± 0.452 (0.764) C:82% T:80%	pCi/L		11/27/24 14:23	
Total Radium Calculation	Total Radium	0.951 ± 1.04 (1.91)	pCi/L		12/03/24 15:20	
SM 2320B	Alkalinity, Total as CaCO3	261	mg/L	10.0	11/08/24 13:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	261	mg/L	10.0	11/08/24 13:20	
SM 2540C	Total Dissolved Solids	2330	mg/L	40.0	11/09/24 14:32	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	11/08/24 12:24	H3
SM 5310C	Dissolved Organic Carbon	2.2	mg/L	1.0	11/08/24 05:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-106S **Lab ID: 50387101001** Collected: 11/06/24 10:45 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**71.3**	mg/L	2.5	1.3	10		11/11/24 06:13	16887-00-6	
Fluoride	**0.48**	mg/L	0.10	0.016	1		11/11/24 05:55	16984-48-8	
Sulfate	**902**	mg/L	25.0	19.0	100		11/11/24 06:31	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**24.3**	ug/L	10.0	0.68	1	11/12/24 20:47	11/15/24 04:45	7440-39-3	
Boron	**8680**	ug/L	100	5.6	1	11/12/24 20:47	11/15/24 04:45	7440-42-8	
Calcium	**286000**	ug/L	2000	168	2	11/12/24 20:47	11/15/24 05:12	7440-70-2	
Iron	**139**	ug/L	100	41.0	1	11/12/24 20:47	11/15/24 04:45	7439-89-6	
Lithium	**61.2**	ug/L	20.0	3.8	1	11/12/24 20:47	11/15/24 04:45	7439-93-2	
Magnesium	**112000**	ug/L	1000	53.7	1	11/12/24 20:47	11/15/24 04:45	7439-95-4	
Manganese	**978**	ug/L	10.0	0.77	1	11/12/24 20:47	11/15/24 04:45	7439-96-5	
Molybdenum	**20.1**	ug/L	10.0	1.4	1	11/12/24 20:47	11/15/24 04:45	7439-98-7	
Potassium	**9920**	ug/L	1000	113	1	11/12/24 20:47	11/15/24 04:45	7440-09-7	
Sodium	**65800**	ug/L	1000	95.0	1	11/12/24 20:47	11/15/24 04:45	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**21.0**	ug/L	10.0	1.4	1	11/13/24 09:07	11/14/24 04:47	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/14/24 09:24	11/15/24 04:22	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/14/24 09:24	11/15/24 04:22	7440-38-2	
Cobalt	**1.3**	ug/L	1.0	0.045	1	11/14/24 09:24	11/15/24 04:22	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/14/24 09:24	11/15/24 04:22	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**269**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Bicarbonate (CaCO3)	**269**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 13:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1660**	mg/L	20.0	20.0	1		11/09/24 14:29		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/08/24 12:33		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-106S **Lab ID: 50387101001** Collected: 11/06/24 10:45 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 02:45	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.7**	mg/L	1.0	0.25	1		11/08/24 04:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-106D **Lab ID: 50387101002** Collected: 11/06/24 13:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**235**	mg/L	2.5	1.3	10		11/11/24 07:44	16887-00-6	
Fluoride	**0.33**	mg/L	0.10	0.016	1		11/11/24 07:26	16984-48-8	
Sulfate	**631**	mg/L	25.0	19.0	100		11/11/24 08:02	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.2**	ug/L	10.0	0.68	1	11/12/24 20:47	11/15/24 04:30	7440-39-3	
Boron	**14300**	ug/L	100	5.6	1	11/12/24 20:47	11/15/24 04:30	7440-42-8	
Calcium	**235000**	ug/L	2000	168	2	11/12/24 20:47	11/15/24 04:59	7440-70-2	
Iron	**3640**	ug/L	100	41.0	1	11/12/24 20:47	11/15/24 04:30	7439-89-6	
Lithium	**96.6**	ug/L	20.0	3.8	1	11/12/24 20:47	11/15/24 04:30	7439-93-2	
Magnesium	**49200**	ug/L	1000	53.7	1	11/12/24 20:47	11/15/24 04:30	7439-95-4	
Manganese	**304**	ug/L	10.0	0.77	1	11/12/24 20:47	11/15/24 04:30	7439-96-5	
Molybdenum	**359**	ug/L	10.0	1.4	1	11/12/24 20:47	11/15/24 04:30	7439-98-7	
Potassium	**12100**	ug/L	1000	113	1	11/12/24 20:47	11/15/24 04:30	7440-09-7	
Sodium	**170000**	ug/L	1000	95.0	1	11/12/24 20:47	11/15/24 04:30	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**339**	ug/L	10.0	1.4	1	11/13/24 09:07	11/14/24 04:49	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/14/24 09:24	11/15/24 04:25	7440-36-0	
Arsenic	**196**	ug/L	1.0	0.080	1	11/14/24 09:24	11/15/24 04:25	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/14/24 09:24	11/15/24 04:25	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/14/24 09:24	11/15/24 04:25	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**239**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Bicarbonate (CaCO3)	**239**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 13:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1430**	mg/L	20.0	20.0	1		11/09/24 14:30		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/08/24 12:57		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-106D **Lab ID: 50387101002** Collected: 11/06/24 13:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 02:58	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.3**	mg/L	1.0	0.25	1		11/08/24 04:34		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-108S **Lab ID: 50387101003** Collected: 11/06/24 14:40 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**174**	mg/L	2.5	1.3	10		11/11/24 08:39	16887-00-6	
Fluoride	**0.66**	mg/L	0.10	0.016	1		11/11/24 08:20	16984-48-8	
Sulfate	**1190**	mg/L	25.0	19.0	100		11/11/24 08:57	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**37.9**	ug/L	10.0	0.68	1	11/12/24 20:47	11/15/24 04:32	7440-39-3	
Boron	**2560**	ug/L	100	5.6	1	11/12/24 20:47	11/15/24 04:32	7440-42-8	
Calcium	**411000**	ug/L	3000	252	3	11/12/24 20:47	11/15/24 05:01	7440-70-2	
Iron	**7550**	ug/L	100	41.0	1	11/12/24 20:47	11/15/24 04:32	7439-89-6	
Lithium	**85.8**	ug/L	20.0	3.8	1	11/12/24 20:47	11/15/24 04:32	7439-93-2	
Magnesium	**139000**	ug/L	1000	53.7	1	11/12/24 20:47	11/15/24 04:32	7439-95-4	
Manganese	**746**	ug/L	10.0	0.77	1	11/12/24 20:47	11/15/24 04:32	7439-96-5	
Molybdenum	**78.0**	ug/L	10.0	1.4	1	11/12/24 20:47	11/15/24 04:32	7439-98-7	
Potassium	**13900**	ug/L	1000	113	1	11/12/24 20:47	11/15/24 04:32	7440-09-7	
Sodium	**120000**	ug/L	1000	95.0	1	11/12/24 20:47	11/15/24 04:32	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**74.7**	ug/L	10.0	1.4	1	11/13/24 09:07	11/14/24 04:51	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/14/24 09:24	11/15/24 03:54	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/14/24 09:24	11/15/24 03:54	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/14/24 09:24	11/15/24 03:54	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/14/24 09:24	11/15/24 03:54	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**350**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Bicarbonate (CaCO3)	**350**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 13:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2510**	mg/L	40.0	40.0	1		11/09/24 14:30		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/08/24 13:07		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-108S **Lab ID: 50387101003** Collected: 11/06/24 14:40 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 03:09	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.9**	mg/L	1.0	0.25	1		11/08/24 04:46		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-105S **Lab ID: 50387101004** Collected: 11/06/24 15:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**174**	mg/L	2.5	1.3	10		11/11/24 09:33	16887-00-6	
Fluoride	**0.35**	mg/L	0.10	0.016	1		11/11/24 09:15	16984-48-8	
Sulfate	**1210**	mg/L	25.0	19.0	100		11/11/24 09:52	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**31.4**	ug/L	10.0	0.68	1	11/12/24 20:47	11/15/24 04:34	7440-39-3	
Boron	**27600**	ug/L	100	5.6	1	11/12/24 20:47	11/15/24 04:34	7440-42-8	
Calcium	**408000**	ug/L	3000	252	3	11/12/24 20:47	11/15/24 05:03	7440-70-2	
Iron	**9570**	ug/L	100	41.0	1	11/12/24 20:47	11/15/24 04:34	7439-89-6	
Lithium	**336**	ug/L	20.0	3.8	1	11/12/24 20:47	11/15/24 04:34	7439-93-2	
Magnesium	**102000**	ug/L	1000	53.7	1	11/12/24 20:47	11/15/24 04:34	7439-95-4	
Manganese	**204**	ug/L	10.0	0.77	1	11/12/24 20:47	11/15/24 04:34	7439-96-5	
Molybdenum	**80.3**	ug/L	10.0	1.4	1	11/12/24 20:47	11/15/24 04:34	7439-98-7	
Potassium	**18700**	ug/L	1000	113	1	11/12/24 20:47	11/15/24 04:34	7440-09-7	
Sodium	**165000**	ug/L	1000	95.0	1	11/12/24 20:47	11/15/24 04:34	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**73.2**	ug/L	10.0	1.4	1	11/13/24 09:07	11/14/24 04:53	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/14/24 09:24	11/15/24 04:29	7440-36-0	
Arsenic	**6.5**	ug/L	1.0	0.080	1	11/14/24 09:24	11/15/24 04:29	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/14/24 09:24	11/15/24 04:29	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/14/24 09:24	11/15/24 04:29	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**262**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Bicarbonate (CaCO3)	**262**	mg/L	10.0	10.0	1		11/08/24 13:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 13:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2300**	mg/L	40.0	40.0	1		11/09/24 14:31		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		11/08/24 13:16		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-105S **Lab ID: 50387101004** Collected: 11/06/24 15:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 03:15	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.25	1		11/08/24 04:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-105D **Lab ID: 50387101005** Collected: 11/06/24 14:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**133**	mg/L	2.5	1.3	10		11/11/24 11:04	16887-00-6	
Fluoride	**0.26**	mg/L	0.10	0.016	1		11/11/24 10:46	16984-48-8	
Sulfate	**112**	mg/L	2.5	1.9	10		11/11/24 11:04	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**308**	ug/L	10.0	0.68	1	11/12/24 20:47	11/15/24 04:36	7440-39-3	
Boron	**901**	ug/L	100	5.6	1	11/12/24 20:47	11/15/24 04:36	7440-42-8	
Calcium	**108000**	ug/L	1000	83.9	1	11/12/24 20:47	11/15/24 04:36	7440-70-2	
Iron	**6250**	ug/L	100	41.0	1	11/12/24 20:47	11/15/24 04:36	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/12/24 20:47	11/15/24 04:36	7439-93-2	
Magnesium	**28000**	ug/L	1000	53.7	1	11/12/24 20:47	11/15/24 04:36	7439-95-4	
Manganese	**137**	ug/L	10.0	0.77	1	11/12/24 20:47	11/15/24 04:36	7439-96-5	
Molybdenum	**14.6**	ug/L	10.0	1.4	1	11/12/24 20:47	11/15/24 04:36	7439-98-7	
Potassium	**5790**	ug/L	1000	113	1	11/12/24 20:47	11/15/24 04:36	7440-09-7	
Sodium	**76700**	ug/L	1000	95.0	1	11/12/24 20:47	11/15/24 04:36	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**12.1**	ug/L	10.0	1.4	1	11/13/24 09:07	11/14/24 04:55	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/14/24 09:24	11/15/24 04:33	7440-36-0	
Arsenic	**5.2**	ug/L	1.0	0.080	1	11/14/24 09:24	11/15/24 04:33	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/14/24 09:24	11/15/24 04:33	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/14/24 09:24	11/15/24 04:33	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**264**	mg/L	10.0	10.0	1		11/08/24 13:20		
Alkalinity,Bicarbonate (CaCO3)	**264**	mg/L	10.0	10.0	1		11/08/24 13:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 13:20		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**620**	mg/L	10.0	10.0	1		11/09/24 14:32		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/08/24 13:05		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-105D **Lab ID: 50387101005** Collected: 11/06/24 14:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 03:06	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.8**	mg/L	1.0	0.25	1		11/08/24 05:09		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: DUP-7 **Lab ID: 50387101006** Collected: 11/06/24 08:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**176**	mg/L	2.5	1.3	10		11/11/24 11:41	16887-00-6	
Fluoride	**0.35**	mg/L	0.10	0.016	1		11/11/24 11:23	16984-48-8	
Sulfate	**1230**	mg/L	25.0	19.0	100		11/11/24 11:59	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**31.0**	ug/L	10.0	0.68	1	11/12/24 20:47	11/15/24 04:43	7440-39-3	
Boron	**26900**	ug/L	100	5.6	1	11/12/24 20:47	11/15/24 04:43	7440-42-8	
Calcium	**388000**	ug/L	3000	252	3	11/12/24 20:47	11/15/24 05:10	7440-70-2	
Iron	**9310**	ug/L	100	41.0	1	11/12/24 20:47	11/15/24 04:43	7439-89-6	
Lithium	**326**	ug/L	20.0	3.8	1	11/12/24 20:47	11/15/24 04:43	7439-93-2	
Magnesium	**100000**	ug/L	1000	53.7	1	11/12/24 20:47	11/15/24 04:43	7439-95-4	
Manganese	**200**	ug/L	10.0	0.77	1	11/12/24 20:47	11/15/24 04:43	7439-96-5	
Molybdenum	**78.7**	ug/L	10.0	1.4	1	11/12/24 20:47	11/15/24 04:43	7439-98-7	
Potassium	**18300**	ug/L	1000	113	1	11/12/24 20:47	11/15/24 04:43	7440-09-7	
Sodium	**161000**	ug/L	1000	95.0	1	11/12/24 20:47	11/15/24 04:43	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**74.6**	ug/L	10.0	1.4	1	11/13/24 09:07	11/14/24 04:57	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/14/24 09:24	11/15/24 04:37	7440-36-0	
Arsenic	**6.3**	ug/L	1.0	0.080	1	11/14/24 09:24	11/15/24 04:37	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/14/24 09:24	11/15/24 04:37	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/14/24 09:24	11/15/24 04:37	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**261**	mg/L	10.0	10.0	1		11/08/24 13:20		
Alkalinity,Bicarbonate (CaCO3)	**261**	mg/L	10.0	10.0	1		11/08/24 13:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 13:20		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2330**	mg/L	40.0	40.0	1		11/09/24 14:32		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		11/08/24 12:24		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: DUP-7 **Lab ID: 50387101006** Collected: 11/06/24 08:00 Received: 11/06/24 16:48 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/07/24 02:43	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.2**	mg/L	1.0	0.25	1		11/08/24 05:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817639 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3740592 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/11/24 12:17	
Fluoride	mg/L	ND	0.10	0.016	11/11/24 12:17	
Sulfate	mg/L	ND	0.25	0.19	11/11/24 12:17	

LABORATORY CONTROL SAMPLE: 3740593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	96	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	4.9	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740594 3740595

Parameter	Units	50387145005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	26.6	25	25	50.0	50.0	94	94	80-120	0	15	
Fluoride	mg/L	0.22	1	1	1.3	1.3	110	110	80-120	0	15	
Sulfate	mg/L	29.6	5	5	34.6	34.5	100	100	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817499
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3739963 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/15/24 04:25	
Boron	ug/L	ND	100	5.6	11/15/24 04:25	
Calcium	ug/L	ND	1000	83.9	11/15/24 04:25	
Iron	ug/L	ND	100	41.0	11/15/24 04:25	
Lithium	ug/L	ND	20.0	3.8	11/15/24 04:25	
Magnesium	ug/L	ND	1000	53.7	11/15/24 04:25	
Manganese	ug/L	ND	10.0	0.77	11/15/24 04:25	
Molybdenum	ug/L	ND	10.0	1.4	11/15/24 04:25	
Potassium	ug/L	ND	1000	113	11/15/24 04:25	
Sodium	ug/L	ND	1000	95.0	11/15/24 04:25	

LABORATORY CONTROL SAMPLE: 3739964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	1000	100	80-120	
Calcium	ug/L	10000	10200	102	80-120	
Iron	ug/L	10000	10000	100	80-120	
Lithium	ug/L	1000	1020	102	80-120	
Magnesium	ug/L	10000	10200	102	80-120	
Manganese	ug/L	1000	1010	101	80-120	
Molybdenum	ug/L	1000	1040	104	80-120	
Potassium	ug/L	10000	10100	101	80-120	
Sodium	ug/L	10000	9950	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739967 3739968

Parameter	Units	50387101001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	24.3	1000	1000	1040	1040	102	102	75-125	0	20	
Boron	ug/L	8680	1000	1000	9870	9870	119	120	75-125	0	20	
Calcium	ug/L	286000	10000	10000	290000	297000	36	110	75-125	3	20	P6
Iron	ug/L	139	10000	10000	9900	10100	98	100	75-125	2	20	
Lithium	ug/L	61.2	1000	1000	1080	1100	102	104	75-125	2	20	
Magnesium	ug/L	112000	10000	10000	123000	125000	111	121	75-125	1	20	
Manganese	ug/L	978	1000	1000	1970	2000	100	102	75-125	1	20	
Molybdenum	ug/L	20.1	1000	1000	1090	1110	107	108	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739967 3739968

Parameter	Units	50387101001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	9920	10000	10000	20200	20300	103	104	75-125	1	20	
Sodium	ug/L	65800	10000	10000	76700	76900	109	111	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817542
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3740102 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/14/24 04:06	

LABORATORY CONTROL SAMPLE: 3740103

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740104 3740105

Parameter	Units	50387075004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	53.5	1000	1000	1090	1080	104	103	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740106 3740107

Parameter	Units	50387076003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1020	1010	102	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 818489
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3744589 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/14/24 21:15	
Arsenic	ug/L	ND	1.0	0.080	11/14/24 21:15	
Cobalt	ug/L	ND	1.0	0.045	11/14/24 21:15	
Selenium	ug/L	ND	1.0	0.26	11/14/24 21:15	

LABORATORY CONTROL SAMPLE: 3744590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.3	103	80-120	
Arsenic	ug/L	40	39.5	99	80-120	
Cobalt	ug/L	40	41.3	103	80-120	
Selenium	ug/L	40	38.7	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744591 3744592

Parameter	Units	50387101003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	39.5	38.8	99	97	75-125	2	20	
Arsenic	ug/L	ND	40	40	41.2	41.3	102	102	75-125	0	20	
Cobalt	ug/L	ND	40	40	37.3	37.6	92	93	75-125	1	20	
Selenium	ug/L	ND	40	40	41.0	40.0	102	100	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817786 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004

METHOD BLANK: 3741501 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/08/24 13:34	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/08/24 13:34	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/08/24 13:34	

LABORATORY CONTROL SAMPLE: 3741502

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	90-110	

SAMPLE DUPLICATE: 3741503

Parameter	Units	50387009003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	511	507	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L		507			
Alkalinity,Carbonate (CaCO3)	mg/L		ND			

SAMPLE DUPLICATE: 3741504

Parameter	Units	50387101001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	269	270	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	269	270	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817789
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101005, 50387101006

METHOD BLANK: 3741509 Matrix: Water
Associated Lab Samples: 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/08/24 13:20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/08/24 13:20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/08/24 13:20	

LABORATORY CONTROL SAMPLE: 3741510

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.7	101	90-110	

SAMPLE DUPLICATE: 3741511

Parameter	Units	50386971003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	429	434	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	429	434	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3741799

Parameter	Units	50386971008 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	314	313	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	314	313	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 818032 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3742770 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/09/24 14:27	

LABORATORY CONTROL SAMPLE: 3742771

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	80-120	

SAMPLE DUPLICATE: 3742772

Parameter	Units	50387120001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	225	226	0	10	

SAMPLE DUPLICATE: 3742773

Parameter	Units	50387101001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1660	1680	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817820
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

SAMPLE DUPLICATE: 3741619

Parameter	Units	50387076003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	2	H3

SAMPLE DUPLICATE: 3741620

Parameter	Units	50387101005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817463
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101006

METHOD BLANK: 3739775 Matrix: Water
Associated Lab Samples: 50387101001, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/07/24 01:57	

LABORATORY CONTROL SAMPLE: 3739776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.99	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739777 3739778

Parameter	Units	50387075004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	6.1	5	5	11.3	11.2	104	102	90-110	1	20	

MATRIX SPIKE SAMPLE: 3739779

Parameter	Units	50387101001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.0	100	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817464
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101002, 50387101003, 50387101004, 50387101005

METHOD BLANK: 3739780 Matrix: Water
Associated Lab Samples: 50387101002, 50387101003, 50387101004, 50387101005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/07/24 02:55	

LABORATORY CONTROL SAMPLE: 3739781

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.99	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3739782 3739783

Parameter	Units	50387101002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	0.99	99	99	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 817636 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3740586 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/08/24 01:22	

LABORATORY CONTROL SAMPLE: 3740587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740588 3740589

Parameter	Units	50387075004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.6	10	10	10.9	11.0	94	94	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3740590 3740591

Parameter	Units	50387076003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.8	10	10	11.4	11.0	95	91	80-120	4	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-106S **Lab ID: 50387101001** Collected: 11/06/24 10:45 Received: 11/06/24 16:48 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.317 ± 0.479 (0.820) C:NA T:94%**	pCi/L	12/02/24 15:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.963 ± 0.427 (0.693) C:75% T:84%**	pCi/L	11/27/24 11:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.28 ± 0.906 (1.51)**	pCi/L	12/03/24 15:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-106D **Lab ID: 50387101002** Collected: 11/06/24 13:00 Received: 11/06/24 16:48 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.267 ± 0.457 (1.00) C:NA T:79%**	pCi/L	12/02/24 15:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.932 ± 0.532 (0.953) C:72% T:61%**	pCi/L	11/27/24 11:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.932 ± 0.989 (1.95)**	pCi/L	12/03/24 15:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-108S **Lab ID: 50387101003** Collected: 11/06/24 14:40 Received: 11/06/24 16:48 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.576 ± 0.660 (1.08) C:NA T:81%**	pCi/L	12/02/24 15:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.776 ± 0.410 (0.716) C:75% T:81%**	pCi/L	11/27/24 11:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.35 ± 1.07 (1.80)**	pCi/L	12/03/24 15:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-105S **Lab ID: 50387101004** Collected: 11/06/24 15:00 Received: 11/06/24 16:48 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.781 ± 0.514 (0.688) C:NA T:94%**	pCi/L	12/02/24 15:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.32 ± 0.524 (0.785) C:73% T:77%**	pCi/L	11/27/24 14:23	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.10 ± 1.04 (1.47)**	pCi/L	12/03/24 15:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: MW-105D **Lab ID: 50387101005** Collected: 11/06/24 14:00 Received: 11/06/24 16:48 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.415 ± 0.559 (0.940) C:NA T:78%**	pCi/L	12/02/24 15:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.04 ± 0.464 (0.721) C:78% T:72%**	pCi/L	11/27/24 14:23	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.46 ± 1.02 (1.66)**	pCi/L	12/03/24 15:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Sample: DUP-7 **Lab ID: 50387101006** Collected: 11/06/24 08:00 Received: 11/06/24 16:48 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.144 ± 0.589 (1.15) C:NA T:88%**	pCi/L	12/02/24 15:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.951 ± 0.452 (0.764) C:82% T:80%**	pCi/L	11/27/24 14:23	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.951 ± 1.04 (1.91)**	pCi/L	12/03/24 15:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 708997 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3451913 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.538 ± 0.399 (0.771) C:77% T:74%	pCi/L	11/27/24 11:19	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

QC Batch: 708996 | Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 | Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

METHOD BLANK: 3451912 Matrix: Water
Associated Lab Samples: 50387101001, 50387101002, 50387101003, 50387101004, 50387101005, 50387101006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.300 ± 0.296 (0.451) C:NA T:89%	pCi/L	12/02/24 15:18	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387101001	**MW-106S**	EPA 9056	817639		
50387101002	**MW-106D**	EPA 9056	817639		
50387101003	**MW-108S**	EPA 9056	817639		
50387101004	**MW-105S**	EPA 9056	817639		
50387101005	**MW-105D**	EPA 9056	817639		
50387101006	**DUP-7**	EPA 9056	817639		
50387101001	**MW-106S**	EPA 3010	817499	EPA 6010	819115
50387101002	**MW-106D**	EPA 3010	817499	EPA 6010	819115
50387101003	**MW-108S**	EPA 3010	817499	EPA 6010	819115
50387101004	**MW-105S**	EPA 3010	817499	EPA 6010	819115
50387101005	**MW-105D**	EPA 3010	817499	EPA 6010	819115
50387101006	**DUP-7**	EPA 3010	817499	EPA 6010	819115
50387101001	**MW-106S**	EPA 3010	817542	EPA 6010	818840
50387101002	**MW-106D**	EPA 3010	817542	EPA 6010	818840
50387101003	**MW-108S**	EPA 3010	817542	EPA 6010	818840
50387101004	**MW-105S**	EPA 3010	817542	EPA 6010	818840
50387101005	**MW-105D**	EPA 3010	817542	EPA 6010	818840
50387101006	**DUP-7**	EPA 3010	817542	EPA 6010	818840
50387101001	**MW-106S**	EPA 200.2	818489	EPA 6020	819073
50387101002	**MW-106D**	EPA 200.2	818489	EPA 6020	819073
50387101003	**MW-108S**	EPA 200.2	818489	EPA 6020	819073
50387101004	**MW-105S**	EPA 200.2	818489	EPA 6020	819073
50387101005	**MW-105D**	EPA 200.2	818489	EPA 6020	819073
50387101006	**DUP-7**	EPA 200.2	818489	EPA 6020	819073
50387101001	**MW-106S**	EPA 903.1	708996		
50387101002	**MW-106D**	EPA 903.1	708996		
50387101003	**MW-108S**	EPA 903.1	708996		
50387101004	**MW-105S**	EPA 903.1	708996		
50387101005	**MW-105D**	EPA 903.1	708996		
50387101006	**DUP-7**	EPA 903.1	708996		
50387101001	**MW-106S**	EPA 904.0	708997		
50387101002	**MW-106D**	EPA 904.0	708997		
50387101003	**MW-108S**	EPA 904.0	708997		
50387101004	**MW-105S**	EPA 904.0	708997		
50387101005	**MW-105D**	EPA 904.0	708997		
50387101006	**DUP-7**	EPA 904.0	708997		
50387101001	**MW-106S**	Total Radium Calculation	712998		
50387101002	**MW-106D**	Total Radium Calculation	712998		
50387101003	**MW-108S**	Total Radium Calculation	712998		
50387101004	**MW-105S**	Total Radium Calculation	712998		
50387101005	**MW-105D**	Total Radium Calculation	712998		
50387101006	**DUP-7**	Total Radium Calculation	712998		
50387101001	**MW-106S**	SM 2320B	817786		
50387101002	**MW-106D**	SM 2320B	817786		
50387101003	**MW-108S**	SM 2320B	817786		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50387101

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387101004	**MW-105S**	SM 2320B	817786		
50387101005	**MW-105D**	SM 2320B	817789		
50387101006	**DUP-7**	SM 2320B	817789		
50387101001	**MW-106S**	SM 2540C	818032		
50387101002	**MW-106D**	SM 2540C	818032		
50387101003	**MW-108S**	SM 2540C	818032		
50387101004	**MW-105S**	SM 2540C	818032		
50387101005	**MW-105D**	SM 2540C	818032		
50387101006	**DUP-7**	SM 2540C	818032		
50387101001	**MW-106S**	SM 4500-H+B	817820		
50387101002	**MW-106D**	SM 4500-H+B	817820		
50387101003	**MW-108S**	SM 4500-H+B	817820		
50387101004	**MW-105S**	SM 4500-H+B	817820		
50387101005	**MW-105D**	SM 4500-H+B	817820		
50387101006	**DUP-7**	SM 4500-H+B	817820		
50387101001	**MW-106S**	EPA 353.2	817463		
50387101002	**MW-106D**	EPA 353.2	817464		
50387101003	**MW-108S**	EPA 353.2	817464		
50387101004	**MW-105S**	EPA 353.2	817464		
50387101005	**MW-105D**	EPA 353.2	817464		
50387101006	**DUP-7**	EPA 353.2	817463		
50387101001	**MW-106S**	SM 5310C	817636		
50387101002	**MW-106D**	SM 5310C	817636		
50387101003	**MW-108S**	SM 5310C	817636		
50387101004	**MW-105S**	SM 5310C	817636		
50387101005	**MW-105D**	SM 5310C	817636		
50387101006	**DUP-7**	SM 5310C	817636		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387101

50387101

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (If applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment
MW-106S	GW	G	11/6/24	1045			10			1	1	1	2	1	1	1	2			001
MW-106D				1300																002
MW-108S				1440																003
MW-105S				1500																004
MW-105D				1400																005
DUP-7				—																006

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165227

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Epler / Mykah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	D	0.0	see scan		Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	11/6/24 1648		11/6/24 16:48
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/6/24 17:43 JG

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C (D) E F G H I
2. **Cooler Temperature(s):** (Initial/Corrected) 3.0/3.0 | 4.8/4.8 | | | RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
3. **Courier:** Circle One: Fed Ex UPS (Client) Pace Now/Jett Other
4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C
If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2 Nitrate	—	
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time: 14:45	
Rush **TAT Requested (4 days or less):**		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
																														HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2												↓				↓	↓	↓	↓	↓									↓	↓	↓		
3																																	
4																																	
5																																	
6												↓				↓	↓	↓	↓	↓									↓	↓	↓		
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Dear Mr. Breting:

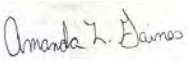
Enclosed are the analytical results for sample(s) received by the laboratory on November 07, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387236001	**MW-108D**	Water	11/07/24 10:20	11/07/24 17:20
50387236002	**MW-103D**	Water	11/07/24 12:25	11/07/24 17:20
50387236003	**MW-103I**	Water	11/07/24 14:00	11/07/24 17:20
50387236004	**MW-103S**	Water	11/07/24 14:30	11/07/24 17:20
50387236005	**MW-110D**	Water	11/07/24 12:49	11/07/24 17:20
50387236006	**MW-105I**	Water	11/07/24 10:21	11/07/24 17:20

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387236001	**MW-108D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387236002	**MW-103D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387236003	**MW-103I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387236004	**MW-103S**	EPA 9056	ADM	3	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387236005	**MW-110D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387236006	**MW-105I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387236001	**MW-108D**					
EPA 9056	Chloride	206	mg/L	2.5	11/13/24 21:18	
EPA 9056	Fluoride	0.52	mg/L	0.10	11/13/24 21:00	
EPA 9056	Sulfate	725	mg/L	25.0	11/13/24 21:36	
EPA 6010	Barium	41.8	ug/L	10.0	11/19/24 23:10	
EPA 6010	Boron	5660	ug/L	100	11/19/24 23:10	
EPA 6010	Calcium	267000	ug/L	2000	11/20/24 00:44	
EPA 6010	Iron	5960	ug/L	100	11/19/24 23:10	
EPA 6010	Lithium	62.2	ug/L	20.0	11/19/24 23:10	
EPA 6010	Magnesium	73100	ug/L	1000	11/19/24 23:10	
EPA 6010	Manganese	498	ug/L	10.0	11/19/24 23:10	
EPA 6010	Molybdenum	113	ug/L	10.0	11/19/24 23:10	
EPA 6010	Potassium	10200	ug/L	1000	11/19/24 23:10	
EPA 6010	Sodium	135000	ug/L	1000	11/19/24 23:10	
EPA 6010	Molybdenum, Dissolved	119	ug/L	10.0	11/16/24 01:34	
EPA 903.1	Radium-226	0.501 ± 0.666 (1.12) C:NA T:90%	pCi/L		12/04/24 15:21	
EPA 904.0	Radium-228	0.455 ± 0.422 (0.866) C:82% T:89%	pCi/L		12/02/24 15:28	
Total Radium Calculation	Total Radium	0.956 ± 1.09 (1.99)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	273	mg/L	10.0	11/08/24 20:59	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	273	mg/L	10.0	11/08/24 20:59	
SM 2540C	Total Dissolved Solids	1650	mg/L	40.0	11/12/24 15:08	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	11/08/24 15:43	H3
50387236002	**MW-103D**					
EPA 9056	Chloride	207	mg/L	2.5	11/13/24 22:12	
EPA 9056	Fluoride	0.15	mg/L	0.10	11/13/24 21:54	
EPA 9056	Sulfate	48.7	mg/L	0.25	11/13/24 21:54	
EPA 6010	Barium	357	ug/L	10.0	11/19/24 23:12	
EPA 6010	Boron	346	ug/L	100	11/19/24 23:12	
EPA 6010	Calcium	88200	ug/L	1000	11/19/24 23:12	
EPA 6010	Iron	2200	ug/L	100	11/19/24 23:12	
EPA 6010	Magnesium	30900	ug/L	1000	11/19/24 23:12	
EPA 6010	Manganese	121	ug/L	10.0	11/19/24 23:12	
EPA 6010	Potassium	5480	ug/L	1000	11/19/24 23:12	
EPA 6010	Sodium	87900	ug/L	1000	11/19/24 23:12	
EPA 903.1	Radium-226	1.31 ± 0.606 (0.589) C:NA T:93%	pCi/L		12/04/24 15:21	
EPA 904.0	Radium-228	0.832 ± 0.457 (0.826) C:80% T:87%	pCi/L		12/02/24 15:28	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387236002	**MW-103D**					
Total Radium Calculation	Total Radium	2.14 ± 1.06 (1.42)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	266	mg/L	10.0	11/08/24 20:59	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	266	mg/L	10.0	11/08/24 20:59	
SM 2540C	Total Dissolved Solids	632	mg/L	10.0	11/12/24 15:08	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	11/08/24 16:12	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	1.0	11/11/24 23:55	
50387236003	**MW-103I**					
EPA 9056	Chloride	235	mg/L	2.5	11/14/24 04:35	
EPA 9056	Fluoride	0.18	mg/L	0.10	11/14/24 04:17	
EPA 9056	Sulfate	27.4	mg/L	0.25	11/14/24 04:17	
EPA 6010	Barium	283	ug/L	10.0	11/19/24 23:14	
EPA 6010	Boron	278	ug/L	100	11/19/24 23:14	
EPA 6010	Calcium	104000	ug/L	1000	11/19/24 23:14	
EPA 6010	Iron	1810	ug/L	100	11/19/24 23:14	
EPA 6010	Magnesium	31300	ug/L	1000	11/19/24 23:14	
EPA 6010	Manganese	347	ug/L	10.0	11/19/24 23:14	
EPA 6010	Potassium	7980	ug/L	1000	11/19/24 23:14	
EPA 6010	Sodium	85700	ug/L	1000	11/19/24 23:14	
EPA 903.1	Radium-226	1.02 ± 0.792 (1.20) C:NA T:87%	pCi/L		12/04/24 15:21	
EPA 904.0	Radium-228	0.906 ± 0.444 (0.761) C:82% T:88%	pCi/L		12/02/24 15:28	
Total Radium Calculation	Total Radium	1.93 ± 1.24 (1.96)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	298	mg/L	10.0	11/08/24 20:59	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	298	mg/L	10.0	11/08/24 20:59	
SM 2540C	Total Dissolved Solids	690	mg/L	20.0	11/12/24 15:08	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	11/08/24 16:18	H3
SM 5310C	Dissolved Organic Carbon	3.5	mg/L	1.0	11/12/24 00:16	
50387236004	**MW-103S**					
EPA 9056	Chloride	66.6	mg/L	2.5	11/14/24 05:30	
EPA 9056	Fluoride	0.23	mg/L	0.10	11/14/24 05:11	
EPA 9056	Sulfate	387	mg/L	2.5	11/14/24 05:30	
EPA 6010	Barium	65.2	ug/L	10.0	11/19/24 23:17	
EPA 6010	Boron	839	ug/L	100	11/19/24 23:17	
EPA 6010	Calcium	270000	ug/L	2000	11/20/24 00:51	
EPA 6010	Iron	19500	ug/L	100	11/19/24 23:17	
EPA 6010	Magnesium	77500	ug/L	1000	11/19/24 23:17	
EPA 6010	Manganese	340	ug/L	10.0	11/19/24 23:17	
EPA 6010	Molybdenum	23.5	ug/L	10.0	11/19/24 23:17	
EPA 6010	Potassium	1990	ug/L	1000	11/19/24 23:17	
EPA 6010	Sodium	44600	ug/L	1000	11/19/24 23:17	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387236004	**MW-103S**					
EPA 6010	Molybdenum, Dissolved	24.6	ug/L	10.0	11/16/24 01:41	
EPA 6020	Arsenic	34.5	ug/L	1.0	11/16/24 12:49	
EPA 6020	Cobalt	1.7	ug/L	1.0	11/16/24 12:49	
EPA 903.1	Radium-226	0.677 ± 0.816 (1.35) C:NA T:84%	pCi/L		12/04/24 15:21	
EPA 904.0	Radium-228	0.678 ± 0.440 (0.835) C:79% T:89%	pCi/L		12/02/24 15:28	
Total Radium Calculation	Total Radium	1.36 ± 1.26 (2.19)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	646	mg/L	10.0	11/09/24 00:46	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	646	mg/L	10.0	11/09/24 00:46	
SM 2540C	Total Dissolved Solids	1290	mg/L	20.0	11/12/24 15:09	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/08/24 16:28	H3
SM 5310C	Dissolved Organic Carbon	5.1	mg/L	1.0	11/12/24 00:36	
50387236005	**MW-110D**					
EPA 9056	Chloride	224	mg/L	25.0	11/14/24 07:19	
EPA 9056	Fluoride	0.26	mg/L	0.10	11/14/24 06:43	
EPA 9056	Sulfate	495	mg/L	2.5	11/14/24 07:01	
EPA 6010	Barium	73.8	ug/L	10.0	11/19/24 23:19	
EPA 6010	Boron	4710	ug/L	100	11/19/24 23:19	
EPA 6010	Calcium	190000	ug/L	1000	11/19/24 23:19	
EPA 6010	Iron	4240	ug/L	100	11/19/24 23:19	
EPA 6010	Lithium	62.6	ug/L	20.0	11/19/24 23:19	
EPA 6010	Magnesium	59300	ug/L	1000	11/19/24 23:19	
EPA 6010	Manganese	327	ug/L	10.0	11/19/24 23:19	
EPA 6010	Molybdenum	122	ug/L	10.0	11/19/24 23:19	
EPA 6010	Potassium	10400	ug/L	1000	11/19/24 23:19	
EPA 6010	Sodium	134000	ug/L	1000	11/19/24 23:19	
EPA 6010	Molybdenum, Dissolved	128	ug/L	10.0	11/16/24 01:43	
EPA 6020	Arsenic	1.6	ug/L	1.0	11/16/24 12:53	
EPA 903.1	Radium-226	1.72 ± 0.703 (0.738) C:NA T:94%	pCi/L		12/04/24 15:37	
EPA 904.0	Radium-228	0.814 ± 0.457 (0.825) C:81% T:87%	pCi/L		12/02/24 15:28	
Total Radium Calculation	Total Radium	2.53 ± 1.16 (1.56)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	275	mg/L	10.0	11/09/24 00:46	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	275	mg/L	10.0	11/09/24 00:46	
SM 2540C	Total Dissolved Solids	1330	mg/L	20.0	11/12/24 15:09	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	11/08/24 16:13	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387236005	**MW-110D**					
EPA 353.2	Nitrogen, Nitrate	0.16	mg/L	0.10	11/08/24 00:51	
50387236006	**MW-105I**					
EPA 9056	Chloride	112	mg/L	2.5	11/13/24 23:07	
EPA 9056	Fluoride	0.17	mg/L	0.10	11/13/24 22:49	
EPA 9056	Sulfate	81.0	mg/L	2.5	11/13/24 23:07	
EPA 6010	Barium	322	ug/L	10.0	11/19/24 23:21	
EPA 6010	Boron	320	ug/L	100	11/19/24 23:21	
EPA 6010	Calcium	107000	ug/L	1000	11/19/24 23:21	
EPA 6010	Iron	5160	ug/L	100	11/19/24 23:21	
EPA 6010	Magnesium	25400	ug/L	1000	11/19/24 23:21	
EPA 6010	Manganese	142	ug/L	10.0	11/19/24 23:21	
EPA 6010	Potassium	5400	ug/L	1000	11/19/24 23:21	
EPA 6010	Sodium	68800	ug/L	1000	11/19/24 23:21	
EPA 903.1	Radium-226	0.697 ± 0.742 (1.20) C:NA T:87%	pCi/L		12/04/24 15:37	
EPA 904.0	Radium-228	0.708 ± 0.420 (0.748) C:84% T:78%	pCi/L		12/02/24 15:29	
Total Radium Calculation	Total Radium	1.41 ± 1.16 (1.95)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	316	mg/L	10.0	11/09/24 00:46	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	316	mg/L	10.0	11/09/24 00:46	
SM 2540C	Total Dissolved Solids	623	mg/L	10.0	11/12/24 15:09	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	11/08/24 15:46	H3
SM 5310C	Dissolved Organic Carbon	1.7	mg/L	1.0	11/12/24 01:17	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-108D **Lab ID: 50387236001** Collected: 11/07/24 10:20 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**206**	mg/L	2.5	1.3	10		11/13/24 21:18	16887-00-6	
Fluoride	**0.52**	mg/L	0.10	0.016	1		11/13/24 21:00	16984-48-8	
Sulfate	**725**	mg/L	25.0	19.0	100		11/13/24 21:36	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**41.8**	ug/L	10.0	0.68	1	11/14/24 09:20	11/19/24 23:10	7440-39-3	
Boron	**5660**	ug/L	100	5.6	1	11/14/24 09:20	11/19/24 23:10	7440-42-8	
Calcium	**267000**	ug/L	2000	168	2	11/14/24 09:20	11/20/24 00:44	7440-70-2	
Iron	**5960**	ug/L	100	41.0	1	11/14/24 09:20	11/19/24 23:10	7439-89-6	
Lithium	**62.2**	ug/L	20.0	3.8	1	11/14/24 09:20	11/19/24 23:10	7439-93-2	
Magnesium	**73100**	ug/L	1000	53.7	1	11/14/24 09:20	11/19/24 23:10	7439-95-4	
Manganese	**498**	ug/L	10.0	0.77	1	11/14/24 09:20	11/19/24 23:10	7439-96-5	
Molybdenum	**113**	ug/L	10.0	1.4	1	11/14/24 09:20	11/19/24 23:10	7439-98-7	
Potassium	**10200**	ug/L	1000	113	1	11/14/24 09:20	11/19/24 23:10	7440-09-7	
Sodium	**135000**	ug/L	1000	95.0	1	11/14/24 09:20	11/19/24 23:10	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**119**	ug/L	10.0	1.4	1	11/14/24 09:08	11/16/24 01:34	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/15/24 08:40	11/16/24 12:29	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/15/24 08:40	11/16/24 12:29	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/15/24 08:40	11/16/24 12:29	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/15/24 08:40	11/16/24 12:29	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**273**	mg/L	10.0	10.0	1		11/08/24 20:59		
Alkalinity,Bicarbonate (CaCO3)	**273**	mg/L	10.0	10.0	1		11/08/24 20:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 20:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1650**	mg/L	40.0	40.0	1		11/12/24 15:08		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		11/08/24 15:43		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-108D **Lab ID: 50387236001** Collected: 11/07/24 10:20 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/08/24 00:21	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/12/24 20:50		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103D **Lab ID: 50387236002** Collected: 11/07/24 12:25 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**207**	mg/L	2.5	1.3	10		11/13/24 22:12	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.016	1		11/13/24 21:54	16984-48-8	
Sulfate	**48.7**	mg/L	0.25	0.19	1		11/13/24 21:54	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**357**	ug/L	10.0	0.68	1	11/14/24 09:20	11/19/24 23:12	7440-39-3	
Boron	**346**	ug/L	100	5.6	1	11/14/24 09:20	11/19/24 23:12	7440-42-8	
Calcium	**88200**	ug/L	1000	83.9	1	11/14/24 09:20	11/19/24 23:12	7440-70-2	
Iron	**2200**	ug/L	100	41.0	1	11/14/24 09:20	11/19/24 23:12	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/14/24 09:20	11/19/24 23:12	7439-93-2	
Magnesium	**30900**	ug/L	1000	53.7	1	11/14/24 09:20	11/19/24 23:12	7439-95-4	
Manganese	**121**	ug/L	10.0	0.77	1	11/14/24 09:20	11/19/24 23:12	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/14/24 09:20	11/19/24 23:12	7439-98-7	
Potassium	**5480**	ug/L	1000	113	1	11/14/24 09:20	11/19/24 23:12	7440-09-7	
Sodium	**87900**	ug/L	1000	95.0	1	11/14/24 09:20	11/19/24 23:12	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/14/24 09:08	11/16/24 01:36	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/15/24 08:40	11/16/24 12:33	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/15/24 08:40	11/16/24 12:33	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/15/24 08:40	11/16/24 12:33	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/15/24 08:40	11/16/24 12:33	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**266**	mg/L	10.0	10.0	1		11/08/24 20:59		
Alkalinity,Bicarbonate (CaCO3)	**266**	mg/L	10.0	10.0	1		11/08/24 20:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 20:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**632**	mg/L	10.0	10.0	1		11/12/24 15:08		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		11/08/24 16:12		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103D **Lab ID: 50387236002** Collected: 11/07/24 12:25 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/08/24 00:41	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	1.0	0.25	1		11/11/24 23:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103I **Lab ID: 50387236003** Collected: 11/07/24 14:00 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**235**	mg/L	2.5	1.3	10		11/14/24 04:35	16887-00-6	
Fluoride	**0.18**	mg/L	0.10	0.016	1		11/14/24 04:17	16984-48-8	
Sulfate	**27.4**	mg/L	0.25	0.19	1		11/14/24 04:17	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**283**	ug/L	10.0	0.68	1	11/14/24 09:20	11/19/24 23:14	7440-39-3	
Boron	**278**	ug/L	100	5.6	1	11/14/24 09:20	11/19/24 23:14	7440-42-8	
Calcium	**104000**	ug/L	1000	83.9	1	11/14/24 09:20	11/19/24 23:14	7440-70-2	
Iron	**1810**	ug/L	100	41.0	1	11/14/24 09:20	11/19/24 23:14	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/14/24 09:20	11/19/24 23:14	7439-93-2	
Magnesium	**31300**	ug/L	1000	53.7	1	11/14/24 09:20	11/19/24 23:14	7439-95-4	
Manganese	**347**	ug/L	10.0	0.77	1	11/14/24 09:20	11/19/24 23:14	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/14/24 09:20	11/19/24 23:14	7439-98-7	
Potassium	**7980**	ug/L	1000	113	1	11/14/24 09:20	11/19/24 23:14	7440-09-7	
Sodium	**85700**	ug/L	1000	95.0	1	11/14/24 09:20	11/19/24 23:14	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/14/24 09:08	11/16/24 01:38	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/15/24 08:40	11/16/24 12:45	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/15/24 08:40	11/16/24 12:45	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/15/24 08:40	11/16/24 12:45	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/15/24 08:40	11/16/24 12:45	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**298**	mg/L	10.0	10.0	1		11/08/24 20:59		
Alkalinity,Bicarbonate (CaCO3)	**298**	mg/L	10.0	10.0	1		11/08/24 20:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/08/24 20:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**690**	mg/L	20.0	20.0	1		11/12/24 15:08		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		11/08/24 16:18		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103I **Lab ID: 50387236003** Collected: 11/07/24 14:00 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/08/24 00:54	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.5**	mg/L	1.0	0.25	1		11/12/24 00:16		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103S **Lab ID: 50387236004** Collected: 11/07/24 14:30 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**66.6**	mg/L	2.5	1.3	10		11/14/24 05:30	16887-00-6	
Fluoride	**0.23**	mg/L	0.10	0.016	1		11/14/24 05:11	16984-48-8	
Sulfate	**387**	mg/L	2.5	1.9	10		11/14/24 05:30	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**65.2**	ug/L	10.0	0.68	1	11/14/24 09:20	11/19/24 23:17	7440-39-3	
Boron	**839**	ug/L	100	5.6	1	11/14/24 09:20	11/19/24 23:17	7440-42-8	
Calcium	**270000**	ug/L	2000	168	2	11/14/24 09:20	11/20/24 00:51	7440-70-2	
Iron	**19500**	ug/L	100	41.0	1	11/14/24 09:20	11/19/24 23:17	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/14/24 09:20	11/19/24 23:17	7439-93-2	
Magnesium	**77500**	ug/L	1000	53.7	1	11/14/24 09:20	11/19/24 23:17	7439-95-4	
Manganese	**340**	ug/L	10.0	0.77	1	11/14/24 09:20	11/19/24 23:17	7439-96-5	
Molybdenum	**23.5**	ug/L	10.0	1.4	1	11/14/24 09:20	11/19/24 23:17	7439-98-7	
Potassium	**1990**	ug/L	1000	113	1	11/14/24 09:20	11/19/24 23:17	7440-09-7	
Sodium	**44600**	ug/L	1000	95.0	1	11/14/24 09:20	11/19/24 23:17	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**24.6**	ug/L	10.0	1.4	1	11/14/24 09:08	11/16/24 01:41	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/15/24 08:40	11/16/24 12:49	7440-36-0	
Arsenic	**34.5**	ug/L	1.0	0.080	1	11/15/24 08:40	11/16/24 12:49	7440-38-2	
Cobalt	**1.7**	ug/L	1.0	0.045	1	11/15/24 08:40	11/16/24 12:49	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/15/24 08:40	11/16/24 12:49	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**646**	mg/L	10.0	10.0	1		11/09/24 00:46		
Alkalinity,Bicarbonate (CaCO3)	**646**	mg/L	10.0	10.0	1		11/09/24 00:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/09/24 00:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1290**	mg/L	20.0	20.0	1		11/12/24 15:09		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/08/24 16:28		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103S **Lab ID: 50387236004** Collected: 11/07/24 14:30 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/08/24 00:56	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**5.1**	mg/L	1.0	0.25	1		11/12/24 00:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-110D **Lab ID: 50387236005** Collected: 11/07/24 12:49 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**224**	mg/L	25.0	13.0	100		11/14/24 07:19	16887-00-6	
Fluoride	**0.26**	mg/L	0.10	0.016	1		11/14/24 06:43	16984-48-8	
Sulfate	**495**	mg/L	2.5	1.9	10		11/14/24 07:01	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**73.8**	ug/L	10.0	0.68	1	11/14/24 09:20	11/19/24 23:19	7440-39-3	
Boron	**4710**	ug/L	100	5.6	1	11/14/24 09:20	11/19/24 23:19	7440-42-8	
Calcium	**190000**	ug/L	1000	83.9	1	11/14/24 09:20	11/19/24 23:19	7440-70-2	
Iron	**4240**	ug/L	100	41.0	1	11/14/24 09:20	11/19/24 23:19	7439-89-6	
Lithium	**62.6**	ug/L	20.0	3.8	1	11/14/24 09:20	11/19/24 23:19	7439-93-2	
Magnesium	**59300**	ug/L	1000	53.7	1	11/14/24 09:20	11/19/24 23:19	7439-95-4	
Manganese	**327**	ug/L	10.0	0.77	1	11/14/24 09:20	11/19/24 23:19	7439-96-5	
Molybdenum	**122**	ug/L	10.0	1.4	1	11/14/24 09:20	11/19/24 23:19	7439-98-7	
Potassium	**10400**	ug/L	1000	113	1	11/14/24 09:20	11/19/24 23:19	7440-09-7	
Sodium	**134000**	ug/L	1000	95.0	1	11/14/24 09:20	11/19/24 23:19	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**128**	ug/L	10.0	1.4	1	11/14/24 09:08	11/16/24 01:43	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/15/24 08:40	11/16/24 12:53	7440-36-0	
Arsenic	**1.6**	ug/L	1.0	0.080	1	11/15/24 08:40	11/16/24 12:53	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/15/24 08:40	11/16/24 12:53	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/15/24 08:40	11/16/24 12:53	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**275**	mg/L	10.0	10.0	1		11/09/24 00:46		
Alkalinity,Bicarbonate (CaCO3)	**275**	mg/L	10.0	10.0	1		11/09/24 00:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/09/24 00:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1330**	mg/L	20.0	20.0	1		11/12/24 15:09		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		11/08/24 16:13		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-110D **Lab ID: 50387236005** Collected: 11/07/24 12:49 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.16**	mg/L	0.10	0.013	1		11/08/24 00:51	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/12/24 21:22		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-105I **Lab ID: 50387236006** Collected: 11/07/24 10:21 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**112**	mg/L	2.5	1.3	10		11/13/24 23:07	16887-00-6	
Fluoride	**0.17**	mg/L	0.10	0.016	1		11/13/24 22:49	16984-48-8	
Sulfate	**81.0**	mg/L	2.5	1.9	10		11/13/24 23:07	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**322**	ug/L	10.0	0.68	1	11/14/24 09:20	11/19/24 23:21	7440-39-3	
Boron	**320**	ug/L	100	5.6	1	11/14/24 09:20	11/19/24 23:21	7440-42-8	
Calcium	**107000**	ug/L	1000	83.9	1	11/14/24 09:20	11/19/24 23:21	7440-70-2	
Iron	**5160**	ug/L	100	41.0	1	11/14/24 09:20	11/19/24 23:21	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/14/24 09:20	11/19/24 23:21	7439-93-2	
Magnesium	**25400**	ug/L	1000	53.7	1	11/14/24 09:20	11/19/24 23:21	7439-95-4	
Manganese	**142**	ug/L	10.0	0.77	1	11/14/24 09:20	11/19/24 23:21	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/14/24 09:20	11/19/24 23:21	7439-98-7	
Potassium	**5400**	ug/L	1000	113	1	11/14/24 09:20	11/19/24 23:21	7440-09-7	
Sodium	**68800**	ug/L	1000	95.0	1	11/14/24 09:20	11/19/24 23:21	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/14/24 09:08	11/16/24 01:45	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/15/24 08:40	11/16/24 12:57	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/15/24 08:40	11/16/24 12:57	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/15/24 08:40	11/16/24 12:57	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/15/24 08:40	11/16/24 12:57	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**316**	mg/L	10.0	10.0	1		11/09/24 00:46		
Alkalinity,Bicarbonate (CaCO3)	**316**	mg/L	10.0	10.0	1		11/09/24 00:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/09/24 00:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**623**	mg/L	10.0	10.0	1		11/12/24 15:09		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		11/08/24 15:46		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-105I **Lab ID: 50387236006** Collected: 11/07/24 10:21 Received: 11/07/24 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/08/24 00:23	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.7**	mg/L	1.0	0.25	1		11/12/24 01:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 818650
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3745520 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/13/24 12:54	
Fluoride	mg/L	ND	0.10	0.016	11/13/24 12:54	
Sulfate	mg/L	ND	0.25	0.19	11/13/24 12:54	

LABORATORY CONTROL SAMPLE: 3745521

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	93	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745522 3745523

Parameter	Units	50387673003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	26.9	25	25	48.3	48.3	86	86	80-120	0	15	
Fluoride	mg/L	3.1	1	1	4.1	4.1	100	99	80-120	0	15	
Sulfate	mg/L	82.3	50	50	124	124	84	83	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748644 3748645

Parameter	Units	50387673001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	21.7	25	25	44.0	44.0	89	89	80-120	0	15	
Fluoride	mg/L	0.16	1	1	1.1	1.1	96	97	80-120	1	15	
Sulfate	mg/L	4.9	5	5	9.6	9.5	94	92	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 818317
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3744045 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/19/24 22:23	
Boron	ug/L	ND	100	5.6	11/19/24 22:23	
Calcium	ug/L	ND	1000	83.9	11/19/24 22:23	
Iron	ug/L	ND	100	41.0	11/19/24 22:23	
Lithium	ug/L	ND	20.0	3.8	11/19/24 22:23	
Magnesium	ug/L	ND	1000	53.7	11/19/24 22:23	
Manganese	ug/L	ND	10.0	0.77	11/19/24 22:23	
Molybdenum	ug/L	ND	10.0	1.4	11/19/24 22:23	
Potassium	ug/L	ND	1000	113	11/19/24 22:23	
Sodium	ug/L	ND	1000	95.0	11/19/24 22:23	

LABORATORY CONTROL SAMPLE: 3744046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	969	97	80-120	
Boron	ug/L	1000	950	95	80-120	
Calcium	ug/L	10000	9930	99	80-120	
Iron	ug/L	10000	9600	96	80-120	
Lithium	ug/L	1000	982	98	80-120	
Magnesium	ug/L	10000	9740	97	80-120	
Manganese	ug/L	1000	976	98	80-120	
Molybdenum	ug/L	1000	983	98	80-120	
Potassium	ug/L	10000	9530	95	80-120	
Sodium	ug/L	10000	9440	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744047 3744048

Parameter	Units	50387221001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	12.0	1000	1000	1000	1010	99	100	75-125	0	20	
Boron	ug/L	455	1000	1000	1470	1480	102	102	75-125	0	20	
Calcium	ug/L	425000	10000	10000	436000	441000	111	160	75-125	1	20	E,P6
Iron	ug/L	574	10000	10000	10100	10200	96	96	75-125	0	20	
Lithium	ug/L	42.6	1000	1000	1060	1060	101	102	75-125	1	20	
Magnesium	ug/L	69700	10000	10000	79600	80100	99	104	75-125	1	20	
Manganese	ug/L	342	1000	1000	1320	1320	98	98	75-125	0	20	
Molybdenum	ug/L	1.5J	1000	1000	1010	1010	101	101	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744047 3744048

Parameter	Units	50387221001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	8480	10000	10000	18400	18700	99	102	75-125	1	20	
Sodium	ug/L	21100	10000	10000	30900	31100	97	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 818306
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3743970 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/16/24 01:16	

LABORATORY CONTROL SAMPLE: 3743971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1040	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743972 3743973

Parameter	Units	50387156001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1040	1040	104	104	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 818932
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3747056 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/16/24 12:21	
Arsenic	ug/L	ND	1.0	0.080	11/16/24 12:21	
Cobalt	ug/L	ND	1.0	0.045	11/16/24 12:21	
Selenium	ug/L	ND	1.0	0.26	11/16/24 12:21	

LABORATORY CONTROL SAMPLE: 3747057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.1	103	80-120	
Arsenic	ug/L	40	39.4	99	80-120	
Cobalt	ug/L	40	41.7	104	80-120	
Selenium	ug/L	40	39.2	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3747058 3747059

Parameter	Units	50387292003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<1.0	40	40	42.3	41.9	106	105	75-125	1	20	
Arsenic	ug/L	6.2	40	40	44.9	45.1	97	97	75-125	0	20	
Cobalt	ug/L	1.0	40	40	40.3	40.1	98	98	75-125	1	20	
Selenium	ug/L	<1.0	40	40	40.1	40.2	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 817971 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003

METHOD BLANK: 3742481 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/08/24 20:59	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/08/24 20:59	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/08/24 20:59	

LABORATORY CONTROL SAMPLE: 3742482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.0	100	90-110	

SAMPLE DUPLICATE: 3742483

Parameter	Units	50387216003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	110	111	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	98.6	99.6	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	11.2	11.6	4	20	

SAMPLE DUPLICATE: 3742484

Parameter	Units	50387236001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	273	277	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	273	277	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 817973
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236004, 50387236005, 50387236006

METHOD BLANK: 3742491 Matrix: Water
Associated Lab Samples: 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/09/24 00:46	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/09/24 00:46	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/09/24 00:46	

LABORATORY CONTROL SAMPLE: 3742492

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.2	100	90-110	

SAMPLE DUPLICATE: 3742493

Parameter	Units	50387079001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	440	446	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	440	446	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3742494

Parameter	Units	50387239005 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	268	272	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	253	256	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	15.2	15.6	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 818366 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3744191 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/12/24 15:06	

LABORATORY CONTROL SAMPLE: 3744192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	291	97	80-120	

SAMPLE DUPLICATE: 3744193

Parameter	Units	50387422011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	418	413	1	10	

SAMPLE DUPLICATE: 3744194

Parameter	Units	50387422013 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	497	499	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 817835
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

SAMPLE DUPLICATE: 3741675

Parameter	Units	50387294011 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.0	6.9	1	2	H3

SAMPLE DUPLICATE: 3741676

Parameter	Units	50387294008 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.6	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 817728 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3741206 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/08/24 00:15	

LABORATORY CONTROL SAMPLE: 3741207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3741208 3741209

Parameter	Units	50387240002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.90	0.89	90	89	90-110	1	20	

MATRIX SPIKE SAMPLE: 3741210

Parameter	Units	50387236005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	0.16	1	1.2	105	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 817887 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3741931 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/11/24 18:03	

LABORATORY CONTROL SAMPLE: 3741932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE SAMPLE: 3741933

Parameter	Units	50387294010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	7.0	10	17.1	102	80-120	

MATRIX SPIKE SAMPLE: 3741934

Parameter	Units	50387294011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	6.7	40	46.6	100	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-108D **Lab ID: 50387236001** Collected: 11/07/24 10:20 Received: 11/07/24 17:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.501 ± 0.666 (1.12) C:NA T:90%**	pCi/L	12/04/24 15:21	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.455 ± 0.422 (0.866) C:82% T:89%**	pCi/L	12/02/24 15:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.956 ± 1.09 (1.99)**	pCi/L	12/05/24 12:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103D **Lab ID: 50387236002** Collected: 11/07/24 12:25 Received: 11/07/24 17:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.31 ± 0.606 (0.589) C:NA T:93%**	pCi/L	12/04/24 15:21	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.832 ± 0.457 (0.826) C:80% T:87%**	pCi/L	12/02/24 15:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.14 ± 1.06 (1.42)**	pCi/L	12/05/24 12:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103I **Lab ID: 50387236003** Collected: 11/07/24 14:00 Received: 11/07/24 17:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.02 ± 0.792 (1.20) C:NA T:87%**	pCi/L	12/04/24 15:21	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.906 ± 0.444 (0.761) C:82% T:88%**	pCi/L	12/02/24 15:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.93 ± 1.24 (1.96)**	pCi/L	12/05/24 12:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-103S **Lab ID: 50387236004** Collected: 11/07/24 14:30 Received: 11/07/24 17:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.677 ± 0.816 (1.35) C:NA T:84%**	pCi/L	12/04/24 15:21	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.678 ± 0.440 (0.835) C:79% T:89%**	pCi/L	12/02/24 15:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.36 ± 1.26 (2.19)**	pCi/L	12/05/24 12:41	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-110D **Lab ID: 50387236005** Collected: 11/07/24 12:49 Received: 11/07/24 17:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.72 ± 0.703 (0.738) C:NA T:94%**	pCi/L	12/04/24 15:37	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.814 ± 0.457 (0.825) C:81% T:87%**	pCi/L	12/02/24 15:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.53 ± 1.16 (1.56)**	pCi/L	12/05/24 12:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Sample: MW-105I **Lab ID: 50387236006** Collected: 11/07/24 10:21 Received: 11/07/24 17:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.697 ± 0.742 (1.20) C:NA T:87%**	pCi/L	12/04/24 15:37	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.708 ± 0.420 (0.748) C:84% T:78%**	pCi/L	12/02/24 15:29	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.41 ± 1.16 (1.95)**	pCi/L	12/05/24 12:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 709879
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3456846 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	-0.0198 ± 0.345 (0.819) C:67% T:89%	pCi/L	12/02/24 15:27	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

QC Batch: 709878 | Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 | Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

METHOD BLANK: 3456841 Matrix: Water
Associated Lab Samples: 50387236001, 50387236002, 50387236003, 50387236004, 50387236005, 50387236006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.120 ± 0.305 (0.566) C:NA T:92%	pCi/L	12/04/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387236001	**MW-108D**	EPA 9056	818650		
50387236002	**MW-103D**	EPA 9056	818650		
50387236003	**MW-103I**	EPA 9056	818650		
50387236004	**MW-103S**	EPA 9056	818650		
50387236005	**MW-110D**	EPA 9056	818650		
50387236006	**MW-105I**	EPA 9056	818650		
50387236001	**MW-108D**	EPA 3010	818317	EPA 6010	819909
50387236002	**MW-103D**	EPA 3010	818317	EPA 6010	819909
50387236003	**MW-103I**	EPA 3010	818317	EPA 6010	819909
50387236004	**MW-103S**	EPA 3010	818317	EPA 6010	819909
50387236005	**MW-110D**	EPA 3010	818317	EPA 6010	819909
50387236006	**MW-105I**	EPA 3010	818317	EPA 6010	819909
50387236001	**MW-108D**	EPA 3010	818306	EPA 6010	819322
50387236002	**MW-103D**	EPA 3010	818306	EPA 6010	819322
50387236003	**MW-103I**	EPA 3010	818306	EPA 6010	819322
50387236004	**MW-103S**	EPA 3010	818306	EPA 6010	819322
50387236005	**MW-110D**	EPA 3010	818306	EPA 6010	819322
50387236006	**MW-105I**	EPA 3010	818306	EPA 6010	819322
50387236001	**MW-108D**	EPA 200.2	818932	EPA 6020	819307
50387236002	**MW-103D**	EPA 200.2	818932	EPA 6020	819307
50387236003	**MW-103I**	EPA 200.2	818932	EPA 6020	819307
50387236004	**MW-103S**	EPA 200.2	818932	EPA 6020	819307
50387236005	**MW-110D**	EPA 200.2	818932	EPA 6020	819307
50387236006	**MW-105I**	EPA 200.2	818932	EPA 6020	819307
50387236001	**MW-108D**	EPA 903.1	709878		
50387236002	**MW-103D**	EPA 903.1	709878		
50387236003	**MW-103I**	EPA 903.1	709878		
50387236004	**MW-103S**	EPA 903.1	709878		
50387236005	**MW-110D**	EPA 903.1	709878		
50387236006	**MW-105I**	EPA 903.1	709878		
50387236001	**MW-108D**	EPA 904.0	709879		
50387236002	**MW-103D**	EPA 904.0	709879		
50387236003	**MW-103I**	EPA 904.0	709879		
50387236004	**MW-103S**	EPA 904.0	709879		
50387236005	**MW-110D**	EPA 904.0	709879		
50387236006	**MW-105I**	EPA 904.0	709879		
50387236001	**MW-108D**	Total Radium Calculation	713484		
50387236002	**MW-103D**	Total Radium Calculation	713484		
50387236003	**MW-103I**	Total Radium Calculation	713484		
50387236004	**MW-103S**	Total Radium Calculation	713484		
50387236005	**MW-110D**	Total Radium Calculation	713484		
50387236006	**MW-105I**	Total Radium Calculation	713484		
50387236001	**MW-108D**	SM 2320B	817971		
50387236002	**MW-103D**	SM 2320B	817971		
50387236003	**MW-103I**	SM 2320B	817971		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50387236

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387236004	**MW-103S**	SM 2320B	817973		
50387236005	**MW-110D**	SM 2320B	817973		
50387236006	**MW-105I**	SM 2320B	817973		
50387236001	**MW-108D**	SM 2540C	818366		
50387236002	**MW-103D**	SM 2540C	818366		
50387236003	**MW-103I**	SM 2540C	818366		
50387236004	**MW-103S**	SM 2540C	818366		
50387236005	**MW-110D**	SM 2540C	818366		
50387236006	**MW-105I**	SM 2540C	818366		
50387236001	**MW-108D**	SM 4500-H+B	817835		
50387236002	**MW-103D**	SM 4500-H+B	817835		
50387236003	**MW-103I**	SM 4500-H+B	817835		
50387236004	**MW-103S**	SM 4500-H+B	817835		
50387236005	**MW-110D**	SM 4500-H+B	817835		
50387236006	**MW-105I**	SM 4500-H+B	817835		
50387236001	**MW-108D**	EPA 353.2	817728		
50387236002	**MW-103D**	EPA 353.2	817728		
50387236003	**MW-103I**	EPA 353.2	817728		
50387236004	**MW-103S**	EPA 353.2	817728		
50387236005	**MW-110D**	EPA 353.2	817728		
50387236006	**MW-105I**	EPA 353.2	817728		
50387236001	**MW-108D**	SM 5310C	817887		
50387236002	**MW-103D**	SM 5310C	817887		
50387236003	**MW-103I**	SM 5310C	817887		
50387236004	**MW-103S**	SM 5310C	817887		
50387236005	**MW-110D**	SM 5310C	817887		
50387236006	**MW-105I**	SM 5310C	817887		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387236

50387236

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170 AES0002		
Project Name:	Harding St November 2024 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA		Sample Comment	Preservation non-conformance identified for sample.
MW-108D	GW	G	11/7/24	1020			16			1	1	1	2	1	1	1	2		001	
MW-103D	↓	↓	↓	1225			↓			↑	↓	↓	↓	↓	↓	↓	↓		002	
MW-103I				1400															003	
MW-103S				1430															004	
MW-110D				1249															005	
MW-105I	↓	↓	↓	1021			↓			↓	↓	↓	↓	↓	↓	↓	↓		006	

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165227

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name): Connor Kyler / Mykah Bertsch
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	G	-0.1	see SCUR		Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	11/7/24	Tabitha Schindler Pace	11/7/24 17:20
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [✓] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/7/24 17:30 TS

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I
2. **Cooler Temperature(s):** (Initial/Corrected) 10.0/9.9 | 17.5/17.4 | | | RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
3. **Courier:** Circle One: Fed Ex UPS (Client) Pace Now/Jett Other
4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
   (If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**
5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
   Cooler temp should be above freezing to 6°C
   If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 18:25	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix
1												2				2	1	3	1	1									wt
2												↓				↓	↓	↓	↓	↓									↓
3																													
4																													
5																													
6												↓				↓	↓	↓	↓	↓									↓
7																													
8																													
9																													
10																													
11																													
12																													

Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
Red	Yellow	Green	Black
HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
✓	✓		
✓	✓		
✓		✓	
✓	✓		
✓	✓		
✓	✓		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Dear Mr. Breting:

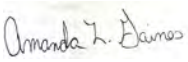
Enclosed are the analytical results for sample(s) received by the laboratory on November 08, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387414001	**MW-102D**	Water	11/08/24 10:00	11/08/24 16:45
50387414002	**MW-102S**	Water	11/08/24 10:20	11/08/24 16:45
50387414003	**DUP-6**	Water	11/08/24 08:00	11/08/24 16:45

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387414001	**MW-102D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387414002	**MW-102S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6020	DMT	4	PASI-I
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
50387414003	**DUP-6**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387414001	**MW-102D**					
EPA 9056	Chloride	148	mg/L	2.5	11/18/24 06:11	
EPA 9056	Fluoride	0.20	mg/L	0.10	11/18/24 05:54	
EPA 9056	Sulfate	1100	mg/L	25.0	11/18/24 06:29	
EPA 6010	Barium	54.9	ug/L	10.0	11/21/24 15:20	
EPA 6010	Boron	21200	ug/L	100	11/21/24 15:20	
EPA 6010	Calcium	355000	ug/L	2000	11/21/24 15:56	
EPA 6010	Iron	7570	ug/L	100	11/21/24 15:20	
EPA 6010	Lithium	120	ug/L	20.0	11/21/24 15:20	
EPA 6010	Magnesium	48600	ug/L	1000	11/21/24 15:20	
EPA 6010	Manganese	718	ug/L	10.0	11/21/24 15:20	
EPA 6010	Molybdenum	532	ug/L	10.0	11/21/24 15:20	
EPA 6010	Potassium	13800	ug/L	1000	11/21/24 15:20	
EPA 6010	Sodium	158000	ug/L	1000	11/21/24 15:20	
EPA 6010	Molybdenum, Dissolved	563	ug/L	10.0	11/16/24 03:03	
EPA 6020	Arsenic	49.7	ug/L	1.0	11/20/24 17:39	
EPA 903.1	Radium-226	1.08 ± 0.635 (0.787) C:NA T:79%	pCi/L		12/04/24 14:22	
EPA 904.0	Radium-228	0.335 ± 0.329 (0.674) C:84% T:86%	pCi/L		12/02/24 15:47	
Total Radium Calculation	Total Radium	1.42 ± 0.964 (1.46)	pCi/L		12/06/24 13:21	
SM 2320B	Alkalinity, Total as CaCO3	99.0	mg/L	10.0	11/13/24 23:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	99.0	mg/L	10.0	11/13/24 23:53	
SM 2540C	Total Dissolved Solids	1990	mg/L	40.0	11/14/24 09:50	
SM 4500-H+B	pH at 25 Degrees C	7.0	Std. Units	0.10	11/09/24 16:47	H3
SM 5310C	Dissolved Organic Carbon	1.8	mg/L	1.0	11/19/24 19:06	
50387414002	**MW-102S**					
EPA 9056	Chloride	232	mg/L	2.5	11/18/24 07:04	
EPA 9056	Fluoride	0.42	mg/L	0.10	11/18/24 06:46	
EPA 9056	Sulfate	514	mg/L	25.0	11/18/24 07:21	
EPA 6010	Barium	34.6	ug/L	10.0	11/21/24 15:22	
EPA 6010	Boron	5390	ug/L	100	11/21/24 15:22	
EPA 6010	Calcium	215000	ug/L	2000	11/21/24 15:58	
EPA 6010	Iron	645	ug/L	100	11/21/24 15:22	
EPA 6010	Lithium	48.5	ug/L	20.0	11/21/24 15:22	
EPA 6010	Magnesium	73200	ug/L	1000	11/21/24 15:22	
EPA 6010	Manganese	177	ug/L	10.0	11/21/24 15:22	
EPA 6010	Molybdenum	21.8	ug/L	10.0	11/21/24 15:22	
EPA 6010	Potassium	9650	ug/L	1000	11/21/24 15:22	
EPA 6010	Sodium	136000	ug/L	1000	11/21/24 15:22	
SM 2320B	Alkalinity, Total as CaCO3	303	mg/L	10.0	11/13/24 23:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	303	mg/L	10.0	11/13/24 23:53	
SM 2540C	Total Dissolved Solids	1420	mg/L	40.0	11/14/24 09:50	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387414002	**MW-102S**					
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/09/24 16:49	H3
EPA 353.2	Nitrogen, Nitrate	1.6	mg/L	0.10	11/09/24 05:20	
50387414003	**DUP-6**					
EPA 9056	Chloride	149	mg/L	2.5	11/18/24 08:31	
EPA 9056	Fluoride	0.19	mg/L	0.10	11/18/24 08:13	
EPA 9056	Sulfate	1090	mg/L	25.0	11/18/24 08:48	
EPA 6010	Barium	54.9	ug/L	10.0	11/21/24 15:24	
EPA 6010	Boron	21400	ug/L	100	11/21/24 15:24	
EPA 6010	Calcium	354000	ug/L	2000	11/21/24 16:00	
EPA 6010	Iron	7570	ug/L	100	11/21/24 15:24	
EPA 6010	Lithium	121	ug/L	20.0	11/21/24 15:24	
EPA 6010	Magnesium	48900	ug/L	1000	11/21/24 15:24	
EPA 6010	Manganese	723	ug/L	10.0	11/21/24 15:24	
EPA 6010	Molybdenum	531	ug/L	10.0	11/21/24 15:24	
EPA 6010	Potassium	13900	ug/L	1000	11/21/24 15:24	
EPA 6010	Sodium	159000	ug/L	1000	11/21/24 15:24	
EPA 6010	Molybdenum, Dissolved	552	ug/L	10.0	11/16/24 03:05	
EPA 6020	Arsenic	49.2	ug/L	1.0	11/20/24 17:46	
EPA 903.1	Radium-226	0.744 ± 0.658 (1.03) C:NA T:93%	pCi/L		12/04/24 14:22	
EPA 904.0	Radium-228	0.410 ± 0.374 (0.756) C:80% T:78%	pCi/L		12/02/24 15:47	
Total Radium Calculation	Total Radium	1.15 ± 1.03 (1.79)	pCi/L		12/06/24 13:21	
SM 2320B	Alkalinity, Total as CaCO3	99.8	mg/L	10.0	11/13/24 23:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	99.8	mg/L	10.0	11/13/24 23:53	
SM 2540C	Total Dissolved Solids	1950	mg/L	40.0	11/14/24 09:50	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/11/24 16:14	H3
SM 5310C	Dissolved Organic Carbon	1.8	mg/L	1.0	11/19/24 19:26	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: MW-102D **Lab ID: 50387414001** Collected: 11/08/24 10:00 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**148**	mg/L	2.5	1.3	10		11/18/24 06:11	16887-00-6	
Fluoride	**0.20**	mg/L	0.10	0.016	1		11/18/24 05:54	16984-48-8	
Sulfate	**1100**	mg/L	25.0	19.0	100		11/18/24 06:29	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**54.9**	ug/L	10.0	0.68	1	11/17/24 21:00	11/21/24 15:20	7440-39-3	
Boron	**21200**	ug/L	100	5.6	1	11/17/24 21:00	11/21/24 15:20	7440-42-8	
Calcium	**355000**	ug/L	2000	168	2	11/17/24 21:00	11/21/24 15:56	7440-70-2	
Iron	**7570**	ug/L	100	41.0	1	11/17/24 21:00	11/21/24 15:20	7439-89-6	
Lithium	**120**	ug/L	20.0	3.8	1	11/17/24 21:00	11/21/24 15:20	7439-93-2	
Magnesium	**48600**	ug/L	1000	53.7	1	11/17/24 21:00	11/21/24 15:20	7439-95-4	
Manganese	**718**	ug/L	10.0	0.77	1	11/17/24 21:00	11/21/24 15:20	7439-96-5	
Molybdenum	**532**	ug/L	10.0	1.4	1	11/17/24 21:00	11/21/24 15:20	7439-98-7	
Potassium	**13800**	ug/L	1000	113	1	11/17/24 21:00	11/21/24 15:20	7440-09-7	
Sodium	**158000**	ug/L	1000	95.0	1	11/17/24 21:00	11/21/24 15:20	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**563**	ug/L	10.0	1.4	1	11/14/24 09:32	11/16/24 03:03	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/20/24 17:39	7440-36-0	
Arsenic	**49.7**	ug/L	1.0	0.080	1	11/17/24 08:30	11/20/24 17:39	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/20/24 17:39	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/20/24 17:39	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**99.0**	mg/L	10.0	10.0	1		11/13/24 23:53		
Alkalinity,Bicarbonate (CaCO3)	**99.0**	mg/L	10.0	10.0	1		11/13/24 23:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 23:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1990**	mg/L	40.0	40.0	1		11/14/24 09:50		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.0**	Std. Units	0.10	0.10	1		11/09/24 16:47		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: MW-102D **Lab ID: 50387414001** Collected: 11/08/24 10:00 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/09/24 05:18	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.8**	mg/L	1.0	0.25	1		11/19/24 19:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: MW-102S **Lab ID: 50387414002** Collected: 11/08/24 10:20 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**232**	mg/L	2.5	1.3	10		11/18/24 07:04	16887-00-6	
Fluoride	**0.42**	mg/L	0.10	0.016	1		11/18/24 06:46	16984-48-8	
Sulfate	**514**	mg/L	25.0	19.0	100		11/18/24 07:21	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**34.6**	ug/L	10.0	0.68	1	11/17/24 21:00	11/21/24 15:22	7440-39-3	
Boron	**5390**	ug/L	100	5.6	1	11/17/24 21:00	11/21/24 15:22	7440-42-8	
Calcium	**215000**	ug/L	2000	168	2	11/17/24 21:00	11/21/24 15:58	7440-70-2	
Iron	**645**	ug/L	100	41.0	1	11/17/24 21:00	11/21/24 15:22	7439-89-6	
Lithium	**48.5**	ug/L	20.0	3.8	1	11/17/24 21:00	11/21/24 15:22	7439-93-2	
Magnesium	**73200**	ug/L	1000	53.7	1	11/17/24 21:00	11/21/24 15:22	7439-95-4	
Manganese	**177**	ug/L	10.0	0.77	1	11/17/24 21:00	11/21/24 15:22	7439-96-5	
Molybdenum	**21.8**	ug/L	10.0	1.4	1	11/17/24 21:00	11/21/24 15:22	7439-98-7	
Potassium	**9650**	ug/L	1000	113	1	11/17/24 21:00	11/21/24 15:22	7440-09-7	
Sodium	**136000**	ug/L	1000	95.0	1	11/17/24 21:00	11/21/24 15:22	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/20/24 17:43	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/17/24 08:30	11/20/24 17:43	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/20/24 17:43	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/20/24 17:43	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**303**	mg/L	10.0	10.0	1		11/13/24 23:53		
Alkalinity,Bicarbonate (CaCO3)	**303**	mg/L	10.0	10.0	1		11/13/24 23:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 23:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1420**	mg/L	40.0	40.0	1		11/14/24 09:50		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/09/24 16:49		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**1.6**	mg/L	0.10	0.013	1		11/09/24 05:20	14797-55-8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: DUP-6 **Lab ID: 50387414003** Collected: 11/08/24 08:00 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**149**	mg/L	2.5	1.3	10		11/18/24 08:31	16887-00-6	
Fluoride	**0.19**	mg/L	0.10	0.016	1		11/18/24 08:13	16984-48-8	
Sulfate	**1090**	mg/L	25.0	19.0	100		11/18/24 08:48	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**54.9**	ug/L	10.0	0.68	1	11/17/24 21:00	11/21/24 15:24	7440-39-3	
Boron	**21400**	ug/L	100	5.6	1	11/17/24 21:00	11/21/24 15:24	7440-42-8	
Calcium	**354000**	ug/L	2000	168	2	11/17/24 21:00	11/21/24 16:00	7440-70-2	
Iron	**7570**	ug/L	100	41.0	1	11/17/24 21:00	11/21/24 15:24	7439-89-6	
Lithium	**121**	ug/L	20.0	3.8	1	11/17/24 21:00	11/21/24 15:24	7439-93-2	
Magnesium	**48900**	ug/L	1000	53.7	1	11/17/24 21:00	11/21/24 15:24	7439-95-4	
Manganese	**723**	ug/L	10.0	0.77	1	11/17/24 21:00	11/21/24 15:24	7439-96-5	
Molybdenum	**531**	ug/L	10.0	1.4	1	11/17/24 21:00	11/21/24 15:24	7439-98-7	
Potassium	**13900**	ug/L	1000	113	1	11/17/24 21:00	11/21/24 15:24	7440-09-7	
Sodium	**159000**	ug/L	1000	95.0	1	11/17/24 21:00	11/21/24 15:24	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**552**	ug/L	10.0	1.4	1	11/14/24 09:32	11/16/24 03:05	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/20/24 17:46	7440-36-0	
Arsenic	**49.2**	ug/L	1.0	0.080	1	11/17/24 08:30	11/20/24 17:46	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/20/24 17:46	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/20/24 17:46	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**99.8**	mg/L	10.0	10.0	1		11/13/24 23:53		
Alkalinity,Bicarbonate (CaCO3)	**99.8**	mg/L	10.0	10.0	1		11/13/24 23:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 23:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1950**	mg/L	40.0	40.0	1		11/14/24 09:50		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/11/24 16:14		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: DUP-6 **Lab ID: 50387414003** Collected: 11/08/24 08:00 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/09/24 05:13	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.8**	mg/L	1.0	0.25	1		11/19/24 19:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818888
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002, 50387414003

METHOD BLANK: 3746904 Matrix: Water
Associated Lab Samples: 50387414001, 50387414002, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/17/24 15:22	
Fluoride	mg/L	ND	0.10	0.016	11/17/24 15:22	
Sulfate	mg/L	ND	0.25	0.19	11/17/24 15:22	

LABORATORY CONTROL SAMPLE: 3746905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	92	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3746906 3746907

Parameter	Units	50387463001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	267	250	250	489	490	89	89	80-120	0	15	
Fluoride	mg/L	0.66	1	1	1.7	1.7	101	101	80-120	0	15	
Sulfate	mg/L	3.6	5	5	8.3	8.3	95	95	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818463
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002, 50387414003

METHOD BLANK: 3744441 Matrix: Water
Associated Lab Samples: 50387414001, 50387414002, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/21/24 14:39	
Boron	ug/L	ND	100	5.6	11/21/24 14:39	
Calcium	ug/L	ND	1000	83.9	11/21/24 14:39	
Iron	ug/L	ND	100	41.0	11/21/24 14:39	
Lithium	ug/L	ND	20.0	3.8	11/21/24 14:39	
Magnesium	ug/L	ND	1000	53.7	11/21/24 14:39	
Manganese	ug/L	ND	10.0	0.77	11/21/24 14:39	
Molybdenum	ug/L	ND	10.0	1.4	11/21/24 14:39	
Potassium	ug/L	ND	1000	113	11/21/24 14:39	
Sodium	ug/L	ND	1000	95.0	11/21/24 14:39	

LABORATORY CONTROL SAMPLE: 3744442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	991	99	80-120	
Boron	ug/L	1000	942	94	80-120	
Calcium	ug/L	10000	9890	99	80-120	
Iron	ug/L	10000	9810	98	80-120	
Lithium	ug/L	1000	975	97	80-120	
Magnesium	ug/L	10000	9430	94	80-120	
Manganese	ug/L	1000	978	98	80-120	
Molybdenum	ug/L	1000	991	99	80-120	
Potassium	ug/L	10000	9590	96	80-120	
Sodium	ug/L	10000	9490	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744443 3744444

Parameter	Units	50386971003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.068 mg/L	1000	1000	1060	1050	100	99	75-125	1	20	
Boron	ug/L	8.4 mg/L	1000	1000	9550	9450	112	101	75-125	1	20	
Calcium	ug/L	134 mg/L	10000	10000	144000	143000	103	99	75-125	0	20	
Iron	ug/L	2.2 mg/L	10000	10000	12000	11900	98	97	75-125	0	20	
Lithium	ug/L	0.034 mg/L	1000	1000	1010	1010	97	97	75-125	0	20	
Magnesium	ug/L	65.4 mg/L	10000	10000	75200	74900	98	95	75-125	0	20	
Manganese	ug/L	0.54 mg/L	1000	1000	1500	1500	97	96	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744443 3744444

Parameter	Units	50386971003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum	ug/L	0.042 mg/L	1000	1000	1050	1050	101	100	75-125	1	20	
Potassium	ug/L	10.9 mg/L	10000	10000	20600	20500	97	96	75-125	0	20	
Sodium	ug/L	127 mg/L	10000	10000	137000	136000	99	87	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744445 3744446

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	60.6	1000	1000	1030	1040	97	97	75-125	0	20	
Boron	ug/L	236	1000	1000	1190	1190	96	96	75-125	0	20	
Calcium	ug/L	65100	10000	10000	74300	74900	92	99	75-125	1	20	
Iron	ug/L	984	10000	10000	10600	10700	96	97	75-125	1	20	
Lithium	ug/L	ND	1000	1000	968	978	96	97	75-125	1	20	
Magnesium	ug/L	16800	10000	10000	26000	26300	92	94	75-125	1	20	
Manganese	ug/L	140	1000	1000	1100	1110	96	97	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	996	1010	99	100	75-125	1	20	
Potassium	ug/L	2560	10000	10000	12000	12100	95	96	75-125	1	20	
Sodium	ug/L	84700	10000	10000	93200	93400	85	87	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818307
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414003

METHOD BLANK: 3743974 Matrix: Water
Associated Lab Samples: 50387414001, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/16/24 02:21	

LABORATORY CONTROL SAMPLE: 3743975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1070	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743976 3743977

Parameter	Units	50387389005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1050	1070	105	106	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743978 3743979

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1060	1070	105	106	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743980 3743981

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	12.0	1000	1000	1070	1080	106	107	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 819360
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002, 50387414003

METHOD BLANK: 3749867 Matrix: Water
Associated Lab Samples: 50387414001, 50387414002, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/20/24 15:43	
Arsenic	ug/L	ND	1.0	0.080	11/20/24 15:43	
Cobalt	ug/L	ND	1.0	0.045	11/20/24 15:43	
Selenium	ug/L	ND	1.0	0.26	11/20/24 15:43	

LABORATORY CONTROL SAMPLE: 3749868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.5	104	80-120	
Arsenic	ug/L	40	38.7	97	80-120	
Cobalt	ug/L	40	40.7	102	80-120	
Selenium	ug/L	40	38.6	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3749869 3749870

Parameter	Units	50387459007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.9	40.8	104	102	75-125	3	20	
Arsenic	ug/L	ND	40	40	39.0	38.4	97	95	75-125	2	20	
Cobalt	ug/L	1.4	40	40	41.0	39.7	99	96	75-125	3	20	
Selenium	ug/L	ND	40	40	39.3	38.0	98	95	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818806
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002, 50387414003

METHOD BLANK: 3746370 Matrix: Water
Associated Lab Samples: 50387414001, 50387414002, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/13/24 23:53	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/13/24 23:53	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/13/24 23:53	

LABORATORY CONTROL SAMPLE: 3746371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.4	103	90-110	

SAMPLE DUPLICATE: 3746372

Parameter	Units	50387513001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	403	407	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	403	407	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3746373

Parameter	Units	50387514001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	453	463	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	453	463	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818862 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002, 50387414003

METHOD BLANK: 3746814 Matrix: Water
Associated Lab Samples: 50387414001, 50387414002, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/14/24 09:46	

LABORATORY CONTROL SAMPLE: 3746815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	277	92	80-120	

SAMPLE DUPLICATE: 3746816

Parameter	Units	50387416001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	459	457	0	10	

SAMPLE DUPLICATE: 3746823

Parameter	Units	50387428016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	900	894	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818048
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002

SAMPLE DUPLICATE: 3742860

Parameter	Units	50387424004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	2	H3

SAMPLE DUPLICATE: 3742861

Parameter	Units	50387416001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 818177
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50387414003

SAMPLE DUPLICATE: 3743538

Parameter	Units	50387130003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

SAMPLE DUPLICATE: 3743539

Parameter	Units	50387463001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.6	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 817993
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414002, 50387414003

METHOD BLANK: 3742683 Matrix: Water
Associated Lab Samples: 50387414001, 50387414002, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/09/24 04:36	

LABORATORY CONTROL SAMPLE: 3742684

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3742685 3742686

Parameter	Units	50387308005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.96	0.96	96	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3742687 3742688

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.99	0.99	98	98	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 819023
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387414001, 50387414003

METHOD BLANK: 3747457 Matrix: Water
Associated Lab Samples: 50387414001, 50387414003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/15/24 07:17	

LABORATORY CONTROL SAMPLE: 3747458

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3747459 3747460

Parameter	Units	50387389005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.0	10	10	11.8	11.8	98	98	80-120	0	15	

MATRIX SPIKE SAMPLE: 3747461

Parameter	Units	50387389006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	10.0	97	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: MW-102D **Lab ID: 50387414001** Collected: 11/08/24 10:00 Received: 11/08/24 16:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.08 ± 0.635 (0.787) C:NA T:79%**	pCi/L	12/04/24 14:22	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.335 ± 0.329 (0.674) C:84% T:86%**	pCi/L	12/02/24 15:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.42 ± 0.964 (1.46)**	pCi/L	12/06/24 13:21	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Sample: DUP-6 **Lab ID: 50387414003** Collected: 11/08/24 08:00 Received: 11/08/24 16:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.744 ± 0.658 (1.03) C:NA T:93%**	pCi/L	12/04/24 14:22	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.410 ± 0.374 (0.756) C:80% T:78%**	pCi/L	12/02/24 15:47	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.15 ± 1.03 (1.79)**	pCi/L	12/06/24 13:21	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 709873
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387414001, 50387414003

METHOD BLANK: 3456813 Matrix: Water
Associated Lab Samples: 50387414001, 50387414003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.327 (0.662) C:NA T:93%	pCi/L	12/04/24 14:10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

QC Batch: 709874
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387414001, 50387414003

METHOD BLANK: 3456817
Matrix: Water
Associated Lab Samples: 50387414001, 50387414003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.216 ± 0.268 (0.565) C:86% T:90%	pCi/L	12/02/24 15:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50387414

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387414001	**MW-102D**	EPA 9056	818888		
50387414002	**MW-102S**	EPA 9056	818888		
50387414003	**DUP-6**	EPA 9056	818888		
50387414001	**MW-102D**	EPA 3010	818463	EPA 6010	820322
50387414002	**MW-102S**	EPA 3010	818463	EPA 6010	820322
50387414003	**DUP-6**	EPA 3010	818463	EPA 6010	820322
50387414001	**MW-102D**	EPA 3010	818307	EPA 6010	819325
50387414003	**DUP-6**	EPA 3010	818307	EPA 6010	819325
50387414001	**MW-102D**	EPA 200.2	819360	EPA 6020	819448
50387414002	**MW-102S**	EPA 200.2	819360	EPA 6020	819448
50387414003	**DUP-6**	EPA 200.2	819360	EPA 6020	819448
50387414001	**MW-102D**	EPA 903.1	709873		
50387414003	**DUP-6**	EPA 903.1	709873		
50387414001	**MW-102D**	EPA 904.0	709874		
50387414003	**DUP-6**	EPA 904.0	709874		
50387414001	**MW-102D**	Total Radium Calculation	713815		
50387414003	**DUP-6**	Total Radium Calculation	713815		
50387414001	**MW-102D**	SM 2320B	818806		
50387414002	**MW-102S**	SM 2320B	818806		
50387414003	**DUP-6**	SM 2320B	818806		
50387414001	**MW-102D**	SM 2540C	818862		
50387414002	**MW-102S**	SM 2540C	818862		
50387414003	**DUP-6**	SM 2540C	818862		
50387414001	**MW-102D**	SM 4500-H+B	818048		
50387414002	**MW-102S**	SM 4500-H+B	818048		
50387414003	**DUP-6**	SM 4500-H+B	818177		
50387414001	**MW-102D**	EPA 353.2	817993		
50387414002	**MW-102S**	EPA 353.2	817993		
50387414003	**DUP-6**	EPA 353.2	817993		
50387414001	**MW-102D**	SM 5310C	819023		
50387414003	**DUP-6**	SM 5310C	819023		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387414

50387414

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
MW-102D	GW	G	11-8-24	1000			10			1	1	1	2	1	1	1	2				
MW-102S	GW	G	11-8-24	1020			5			1	1	1	—	1	1	—					

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165227

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Mykah Betterton / Connor Epler
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	G	-0.1	1.6	1.5	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
AAAS	11-8-24 1645		11.8.24 1645	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [/] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 4

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: CW 11.8.24 1719

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. **Cooler Temperature(s):** 1.0/1.5 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** Circle One: Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate	X	
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time:	
Rush **TAT Requested (4 days or less):**		X
Custody Signatures Present?	X	
Containers Intact?:	X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		X
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** Circle: **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	X		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent X
Trip Blank Present?		X	
Trip Blank Custody Seals?:			X
Out Of Temp Instructions if applicable:			

COMMENTS: 4 sample point Dup-6 was sent. No time on containers
CW 11.8.24 1720

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit		Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2																	1	3	1										WT	✓			
3												2				2	1	3	1	1	← 11/8/24, No time								WT	✓	✓		
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Dear Mr. Breting:

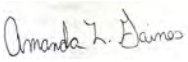
Enclosed are the analytical results for sample(s) received by the laboratory on November 08, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387416001	**MW-3D**	Water	11/08/24 14:00	11/08/24 16:45
50387416002	**MW-3D MS**	Water	11/08/24 14:00	11/08/24 16:45
50387416003	**MW-3D MSD**	Water	11/08/24 14:00	11/08/24 16:45

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387416001	**MW-3D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387416002	**MW-3D MS**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
50387416003	**MW-3D MSD**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387416001	**MW-3D**					
EPA 9056	Chloride	107	mg/L	2.5	11/18/24 14:31	
EPA 9056	Fluoride	0.25	mg/L	0.10	11/18/24 14:14	
EPA 9056	Sulfate	44.5	mg/L	2.5	11/18/24 14:31	
EPA 6010	Barium	60.6	ug/L	10.0	11/21/24 15:30	
EPA 6010	Boron	236	ug/L	100	11/21/24 15:30	
EPA 6010	Calcium	65100	ug/L	1000	11/21/24 15:30	
EPA 6010	Iron	984	ug/L	100	11/21/24 15:30	
EPA 6010	Magnesium	16800	ug/L	1000	11/21/24 15:30	
EPA 6010	Manganese	140	ug/L	10.0	11/21/24 15:30	
EPA 6010	Potassium	2560	ug/L	1000	11/21/24 15:30	
EPA 6010	Sodium	84700	ug/L	1000	11/21/24 15:30	
EPA 6020	Arsenic	2.7	ug/L	1.0	11/20/24 07:27	
EPA 903.1	Radium-226	0.274 ± 0.439 (0.760) C:NA T:78%	pCi/L		12/04/24 15:06	
EPA 904.0	Radium-228	0.625 ± 0.361 (0.643) C:83% T:88%	pCi/L		12/02/24 15:27	
Total Radium Calculation	Total Radium	0.899 ± 0.800 (1.40)	pCi/L		12/05/24 12:41	
SM 2320B	Alkalinity, Total as CaCO3	231	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	231	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	459	mg/L	10.0	11/14/24 09:51	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/09/24 16:55	H3
SM 5310C	Dissolved Organic Carbon	1.1	mg/L	1.0	11/19/24 21:17	
50387416002	**MW-3D MS**					
EPA 903.1	Radium-226	92.73 %REC ± NA (NA) C:NA T:NA	pCi/L		12/04/24 15:06	
EPA 904.0	Radium-228	80.21 %REC ± NA (NA) C:NA T:NA	pCi/L		12/02/24 15:27	
50387416003	**MW-3D MSD**					
EPA 903.1	Radium-226	112.58 %REC 19.33RPD ± NA (NA) C:NA T:NA	pCi/L		12/04/24 15:06	
EPA 904.0	Radium-228	78.41 %REC 2.27RPD ± NA (NA) C:NA T:NA	pCi/L		12/02/24 15:27	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Sample: MW-3D **Lab ID: 50387416001** Collected: 11/08/24 14:00 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**107**	mg/L	2.5	1.3	10		11/18/24 14:31	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.016	1		11/18/24 14:14	16984-48-8	
Sulfate	**44.5**	mg/L	2.5	1.9	10		11/18/24 14:31	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**60.6**	ug/L	10.0	0.68	1	11/17/24 21:00	11/21/24 15:30	7440-39-3	
Boron	**236**	ug/L	100	5.6	1	11/17/24 21:00	11/21/24 15:30	7440-42-8	
Calcium	**65100**	ug/L	1000	83.9	1	11/17/24 21:00	11/21/24 15:30	7440-70-2	
Iron	**984**	ug/L	100	41.0	1	11/17/24 21:00	11/21/24 15:30	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/17/24 21:00	11/21/24 15:30	7439-93-2	
Magnesium	**16800**	ug/L	1000	53.7	1	11/17/24 21:00	11/21/24 15:30	7439-95-4	
Manganese	**140**	ug/L	10.0	0.77	1	11/17/24 21:00	11/21/24 15:30	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/17/24 21:00	11/21/24 15:30	7439-98-7	
Potassium	**2560**	ug/L	1000	113	1	11/17/24 21:00	11/21/24 15:30	7440-09-7	
Sodium	**84700**	ug/L	1000	95.0	1	11/17/24 21:00	11/21/24 15:30	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/14/24 09:32	11/16/24 03:12	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/18/24 07:50	11/20/24 07:27	7440-36-0	
Arsenic	**2.7**	ug/L	1.0	0.080	1	11/18/24 07:50	11/20/24 07:27	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/18/24 07:50	11/20/24 07:27	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/18/24 07:50	11/20/24 07:27	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**231**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**231**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**459**	mg/L	10.0	10.0	1		11/14/24 09:51		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/09/24 16:55		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Sample: MW-3D **Lab ID: 50387416001** Collected: 11/08/24 14:00 Received: 11/08/24 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/09/24 05:22	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.1**	mg/L	1.0	0.25	1		11/19/24 21:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 819255
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3748909 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/18/24 13:39	
Fluoride	mg/L	ND	0.10	0.016	11/18/24 13:39	
Sulfate	mg/L	ND	0.25	0.19	11/18/24 13:39	

LABORATORY CONTROL SAMPLE: 3748910

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	92	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748911 3748912

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	107	25	25	132	132	99	99	80-120	0	15	
Fluoride	mg/L	0.25	1	1	1.3	1.3	100	100	80-120	0	15	
Sulfate	mg/L	44.5	50	50	90.2	90.2	91	91	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 818463
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50387416001

METHOD BLANK: 3744441 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/21/24 14:39	
Boron	ug/L	ND	100	5.6	11/21/24 14:39	
Calcium	ug/L	ND	1000	83.9	11/21/24 14:39	
Iron	ug/L	ND	100	41.0	11/21/24 14:39	
Lithium	ug/L	ND	20.0	3.8	11/21/24 14:39	
Magnesium	ug/L	ND	1000	53.7	11/21/24 14:39	
Manganese	ug/L	ND	10.0	0.77	11/21/24 14:39	
Molybdenum	ug/L	ND	10.0	1.4	11/21/24 14:39	
Potassium	ug/L	ND	1000	113	11/21/24 14:39	
Sodium	ug/L	ND	1000	95.0	11/21/24 14:39	

LABORATORY CONTROL SAMPLE: 3744442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	991	99	80-120	
Boron	ug/L	1000	942	94	80-120	
Calcium	ug/L	10000	9890	99	80-120	
Iron	ug/L	10000	9810	98	80-120	
Lithium	ug/L	1000	975	97	80-120	
Magnesium	ug/L	10000	9430	94	80-120	
Manganese	ug/L	1000	978	98	80-120	
Molybdenum	ug/L	1000	991	99	80-120	
Potassium	ug/L	10000	9590	96	80-120	
Sodium	ug/L	10000	9490	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744443 3744444

Parameter	Units	50386971003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.068 mg/L	1000	1000	1060	1050	100	99	75-125	1	20	
Boron	ug/L	8.4 mg/L	1000	1000	9550	9450	112	101	75-125	1	20	
Calcium	ug/L	134 mg/L	10000	10000	144000	143000	103	99	75-125	0	20	
Iron	ug/L	2.2 mg/L	10000	10000	12000	11900	98	97	75-125	0	20	
Lithium	ug/L	0.034 mg/L	1000	1000	1010	1010	97	97	75-125	0	20	
Magnesium	ug/L	65.4 mg/L	10000	10000	75200	74900	98	95	75-125	0	20	
Manganese	ug/L	0.54 mg/L	1000	1000	1500	1500	97	96	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744443 3744444

Parameter	Units	50386971003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum	ug/L	0.042 mg/L	1000	1000	1050	1050	101	100	75-125	1	20	
Potassium	ug/L	10.9 mg/L	10000	10000	20600	20500	97	96	75-125	0	20	
Sodium	ug/L	127 mg/L	10000	10000	137000	136000	99	87	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744445 3744446

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	60.6	1000	1000	1030	1040	97	97	75-125	0	20	
Boron	ug/L	236	1000	1000	1190	1190	96	96	75-125	0	20	
Calcium	ug/L	65100	10000	10000	74300	74900	92	99	75-125	1	20	
Iron	ug/L	984	10000	10000	10600	10700	96	97	75-125	1	20	
Lithium	ug/L	ND	1000	1000	968	978	96	97	75-125	1	20	
Magnesium	ug/L	16800	10000	10000	26000	26300	92	94	75-125	1	20	
Manganese	ug/L	140	1000	1000	1100	1110	96	97	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	996	1010	99	100	75-125	1	20	
Potassium	ug/L	2560	10000	10000	12000	12100	95	96	75-125	1	20	
Sodium	ug/L	84700	10000	10000	93200	93400	85	87	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 818307
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3743974 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/16/24 02:21	

LABORATORY CONTROL SAMPLE: 3743975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1070	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743976 3743977

Parameter	Units	50387389005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1050	1070	105	106	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743978 3743979

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1060	1070	105	106	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3743980 3743981

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	12.0	1000	1000	1070	1080	106	107	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 819415
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3750297 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/20/24 00:20	
Arsenic	ug/L	ND	1.0	0.080	11/20/24 00:20	
Cobalt	ug/L	ND	1.0	0.045	11/20/24 00:20	
Selenium	ug/L	ND	1.0	0.26	11/20/24 00:20	

LABORATORY CONTROL SAMPLE: 3750298

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.3	106	80-120	
Arsenic	ug/L	40	40.2	100	80-120	
Cobalt	ug/L	40	39.5	99	80-120	
Selenium	ug/L	40	39.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3750299 3750300

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.6	42.5	104	106	75-125	2	20	
Arsenic	ug/L	2.7	40	40	42.4	42.8	99	100	75-125	1	20	
Cobalt	ug/L	ND	40	40	39.0	39.3	97	97	75-125	1	20	
Selenium	ug/L	ND	40	40	39.3	40.4	98	101	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3750301 3750302

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.1	40.8	105	102	75-125	3	20	
Arsenic	ug/L	ND	40	40	41.3	40.5	103	101	75-125	2	20	
Cobalt	ug/L	3.3	40	40	41.0	40.6	94	93	75-125	1	20	
Selenium	ug/L	ND	40	40	42.8	41.1	106	102	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 818808
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3746381 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/13/24 21:10	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/13/24 21:10	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/13/24 21:10	

LABORATORY CONTROL SAMPLE: 3746382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.4	103	90-110	

SAMPLE DUPLICATE: 3746383

Parameter	Units	50387416001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	231	234	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	231	234	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3746384

Parameter	Units	50387550004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	406	410	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	406	410	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 818862
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3746814 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/14/24 09:46	

LABORATORY CONTROL SAMPLE: 3746815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	277	92	80-120	

SAMPLE DUPLICATE: 3746816

Parameter	Units	50387416001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	459	457	0	10	

SAMPLE DUPLICATE: 3746823

Parameter	Units	50387428016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	900	894	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 818048
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50387416001

SAMPLE DUPLICATE: 3742860

Parameter	Units	50387424004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	2	H3

SAMPLE DUPLICATE: 3742861

Parameter	Units	50387416001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 817993
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3742683 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/09/24 04:36	

LABORATORY CONTROL SAMPLE: 3742684

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3742685 3742686

Parameter	Units	50387308005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.96	0.96	96	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3742687 3742688

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.99	0.99	98	98	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 819026
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387416001

METHOD BLANK: 3747462 Matrix: Water
Associated Lab Samples: 50387416001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/19/24 20:37	

LABORATORY CONTROL SAMPLE: 3747463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3747464 3747465

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.1	10	10	10.9	10.8	98	97	80-120	1	15	

MATRIX SPIKE SAMPLE: 3747466

Parameter	Units	50387423005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	6.9	10	16.2	93	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Sample: MW-3D **Lab ID: 50387416001** Collected: 11/08/24 14:00 Received: 11/08/24 16:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.274 ± 0.439 (0.760) C:NA T:78%**	pCi/L	12/04/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.625 ± 0.361 (0.643) C:83% T:88%**	pCi/L	12/02/24 15:27	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.899 ± 0.800 (1.40)**	pCi/L	12/05/24 12:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Sample: MW-3D MS **Lab ID: 50387416002** Collected: 11/08/24 14:00 Received: 11/08/24 16:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**92.73 %REC ± NA (NA) C:NA T:NA**	pCi/L	12/04/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**80.21 %REC ± NA (NA) C:NA T:NA**	pCi/L	12/02/24 15:27	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Sample: MW-3D MSD **Lab ID: 50387416003** Collected: 11/08/24 14:00 Received: 11/08/24 16:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**112.58 %REC 19.33RPD ± NA (NA) C:NA T:NA**	pCi/L	12/04/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**78.41 %REC 2.27RPD ± NA (NA) C:NA T:NA**	pCi/L	12/02/24 15:27	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 709879
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387416001, 50387416002, 50387416003

METHOD BLANK: 3456846
Matrix: Water
Associated Lab Samples: 50387416001, 50387416002, 50387416003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	-0.0198 ± 0.345 (0.819) C:67% T:89%	pCi/L	12/02/24 15:27	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

QC Batch: 709878
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387416001, 50387416002, 50387416003

METHOD BLANK: 3456841
Matrix: Water
Associated Lab Samples: 50387416001, 50387416002, 50387416003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.120 ± 0.305 (0.566) C:NA T:92%	pCi/L	12/04/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387416

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387416001	**MW-3D**	EPA 9056	819255		
50387416001	**MW-3D**	EPA 3010	818463	EPA 6010	820322
50387416001	**MW-3D**	EPA 3010	818307	EPA 6010	819325
50387416001	**MW-3D**	EPA 200.2	819415	EPA 6020	819649
50387416001	**MW-3D**	EPA 903.1	709878		
50387416002	**MW-3D MS**	EPA 903.1	709878		
50387416003	**MW-3D MSD**	EPA 903.1	709878		
50387416001	**MW-3D**	EPA 904.0	709879		
50387416002	**MW-3D MS**	EPA 904.0	709879		
50387416003	**MW-3D MSD**	EPA 904.0	709879		
50387416001	**MW-3D**	Total Radium Calculation	713484		
50387416001	**MW-3D**	SM 2320B	818808		
50387416001	**MW-3D**	SM 2540C	818862		
50387416001	**MW-3D**	SM 4500-H+B	818048		
50387416001	**MW-3D**	EPA 353.2	817993		
50387416001	**MW-3D**	SM 5310C	819026		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387416

50387416

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
MW-3D	GW	G	11-8-24	1400			10			1	1	1	2	1	1	1	2	001
MS-1	GW	G	↓	↓			↓			↓	↓	↓	↓	↓	↓	↓	↓	002
MSD-1	GW	G	↓	↓			↓			↓	↓	↓	↓	↓	↓	↓	↓	003

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/68**
Prelog / Bottle Ord. ID: **EZ 3165220**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection

Collected By: (Printed Name) Mykah Bergram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
		See SCNR			

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11-8-24 1645		11/8/24 16:45	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: JBTM 11/8/24 17:13

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G (H)
2. **Cooler Temperature(s):** 1.1/1.0 (Initial/Corrected)
   RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
3. **Courier:** Fed Ex UPS (Client) Pace Now/Jett Other (Circle One)
4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
   (If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)
5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
   Cooler temp should be above freezing to 6°C
   If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? **Analysis:** N.state/Nitrite	X	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 18:05	
Rush TAT Requested (4 days or less):		X
Custody Signatures Present?	X	
Containers Intact?:	X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	X		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
	Present	Absent	No VOA Vials Sent
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			X
Trip Blank Present?		X	
Trip Blank Custody Seals?:			X
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER								
			MeOH (only)																													
			SBS																													
			DI																													
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												6				6	3	9	3	3									2	✓	✓		
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

December 05, 2024

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Dear Mr. Breting:

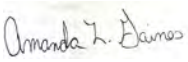
Enclosed are the analytical results for sample(s) received by the laboratory on November 11, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387550001	**MW-10D**	Water	11/11/24 14:01	11/11/24 18:22
50387550002	**MW-5D**	Water	11/11/24 11:07	11/11/24 18:22
50387550003	**MW-2IL**	Water	11/11/24 09:30	11/11/24 18:22
50387550004	**MW-2D1**	Water	11/11/24 11:05	11/11/24 18:22
50387550005	**MW-2D**	Water	11/11/24 12:50	11/11/24 18:22
50387550006	**MW-2S**	Water	11/11/24 14:25	11/11/24 18:22
50387550007	**DUP-1**	Water	11/11/24 08:00	11/11/24 18:22

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387550001	**MW-10D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387550002	**MW-5D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387550003	**MW-2IL**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387550004	**MW-2D1**	EPA 9056	ADM	3	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387550005	**MW-2D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387550006	**MW-2S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387550007	**DUP-1**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387550001	**MW-10D**					
EPA 9056	Chloride	807	mg/L	25.0	11/19/24 03:14	
EPA 9056	Fluoride	1.5	mg/L	0.10	11/19/24 02:39	
EPA 9056	Sulfate	1120	mg/L	25.0	11/19/24 03:14	
EPA 6010	Barium	37.8	ug/L	10.0	11/21/24 16:41	
EPA 6010	Boron	1900	ug/L	100	11/21/24 16:41	
EPA 6010	Calcium	370000	ug/L	5000	11/21/24 17:28	
EPA 6010	Iron	3580	ug/L	100	11/21/24 16:41	
EPA 6010	Lithium	65.5	ug/L	20.0	11/21/24 16:41	
EPA 6010	Magnesium	108000	ug/L	1000	11/21/24 16:41	
EPA 6010	Manganese	478	ug/L	10.0	11/21/24 16:41	
EPA 6010	Molybdenum	57.6	ug/L	10.0	11/21/24 16:41	
EPA 6010	Potassium	12500	ug/L	1000	11/21/24 16:41	
EPA 6010	Sodium	532000	ug/L	5000	11/21/24 17:28	
EPA 6010	Molybdenum, Dissolved	58.4	ug/L	10.0	11/21/24 18:29	
EPA 6020	Arsenic	86.3	ug/L	1.0	11/19/24 12:01	
EPA 903.1	Radium-226	1.19 ± 0.613 (0.742) C:NA T:92%	pCi/L		12/05/24 13:42	
EPA 904.0	Radium-228	1.32 ± 0.455 (0.604) C:74% T:90%	pCi/L		12/03/24 11:13	
Total Radium Calculation	Total Radium	2.51 ± 1.07 (1.35)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	298	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	298	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	3150	mg/L	100	11/14/24 10:20	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/12/24 15:25	H3
50387550002	**MW-5D**					
EPA 9056	Chloride	439	mg/L	25.0	11/19/24 04:07	
EPA 9056	Fluoride	0.78	mg/L	0.10	11/19/24 03:32	
EPA 9056	Sulfate	669	mg/L	25.0	11/19/24 04:07	
EPA 6010	Barium	49.2	ug/L	10.0	11/21/24 16:43	
EPA 6010	Boron	3470	ug/L	100	11/21/24 16:43	
EPA 6010	Calcium	259000	ug/L	2000	11/21/24 17:30	
EPA 6010	Iron	4670	ug/L	100	11/21/24 16:43	
EPA 6010	Lithium	80.3	ug/L	20.0	11/21/24 16:43	
EPA 6010	Magnesium	69900	ug/L	1000	11/21/24 16:43	
EPA 6010	Manganese	405	ug/L	10.0	11/21/24 16:43	
EPA 6010	Molybdenum	136	ug/L	10.0	11/21/24 16:43	
EPA 6010	Potassium	11000	ug/L	1000	11/21/24 16:43	
EPA 6010	Sodium	255000	ug/L	2000	11/21/24 17:30	
EPA 6010	Molybdenum, Dissolved	138	ug/L	10.0	11/21/24 18:45	
EPA 6020	Arsenic	74.9	ug/L	1.0	11/19/24 12:12	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387550002	**MW-5D**					
EPA 903.1	Radium-226	0.234 ± 0.563 (1.02) C:NA T:95%	pCi/L		12/05/24 13:42	
EPA 904.0	Radium-228	0.757 ± 0.404 (0.712) C:73% T:87%	pCi/L		12/03/24 11:14	
Total Radium Calculation	Total Radium	0.991 ± 0.967 (1.73)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	326	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	326	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	1920	mg/L	40.0	11/14/24 10:20	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/12/24 15:22	H3
EPA 353.2	Nitrogen, Nitrate	0.11	mg/L	0.10	11/12/24 05:12	
50387550003	**MW-2IL**					
EPA 9056	Chloride	7.6	mg/L	0.25	11/19/24 01:30	
EPA 9056	Fluoride	0.54	mg/L	0.10	11/19/24 01:30	
EPA 9056	Sulfate	0.36	mg/L	0.25	11/19/24 01:30	
EPA 6010	Barium	599	ug/L	10.0	11/21/24 16:45	
EPA 6010	Boron	141	ug/L	100	11/21/24 16:45	
EPA 6010	Calcium	72300	ug/L	1000	11/21/24 16:45	
EPA 6010	Iron	3570	ug/L	100	11/21/24 16:45	
EPA 6010	Magnesium	27800	ug/L	1000	11/21/24 16:45	
EPA 6010	Manganese	91.1	ug/L	10.0	11/21/24 16:45	
EPA 6010	Molybdenum	17.2	ug/L	10.0	11/21/24 16:45	
EPA 6010	Potassium	1800	ug/L	1000	11/21/24 16:45	
EPA 6010	Sodium	19500	ug/L	1000	11/21/24 16:45	
EPA 6010	Molybdenum, Dissolved	16.5	ug/L	10.0	11/21/24 18:47	
EPA 6020	Arsenic	14.9	ug/L	1.0	11/19/24 12:15	
EPA 903.1	Radium-226	1.55 ± 0.551 (0.123) C:NA T:99%	pCi/L		12/05/24 13:42	
EPA 904.0	Radium-228	0.631 ± 0.363 (0.655) C:74% T:93%	pCi/L		12/03/24 11:14	
Total Radium Calculation	Total Radium	2.18 ± 0.914 (0.778)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	358	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	358	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	344	mg/L	10.0	11/14/24 10:20	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/12/24 15:18	H3
SM 5310C	Dissolved Organic Carbon	3.1	mg/L	1.0	11/16/24 05:00	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387550004	**MW-2D1**					
EPA 9056	Chloride	63.9	mg/L	2.5	11/19/24 04:42	
EPA 9056	Fluoride	0.45	mg/L	0.10	11/19/24 04:24	
EPA 9056	Sulfate	230	mg/L	2.5	11/19/24 04:42	
EPA 6010	Barium	479	ug/L	10.0	11/21/24 16:47	
EPA 6010	Boron	354	ug/L	100	11/21/24 16:47	
EPA 6010	Calcium	162000	ug/L	1000	11/21/24 16:47	
EPA 6010	Iron	5850	ug/L	100	11/21/24 16:47	
EPA 6010	Magnesium	51900	ug/L	1000	11/21/24 16:47	
EPA 6010	Manganese	147	ug/L	10.0	11/21/24 16:47	
EPA 6010	Potassium	2880	ug/L	1000	11/21/24 16:47	
EPA 6010	Sodium	29900	ug/L	1000	11/21/24 16:47	
EPA 6020	Arsenic	17.2	ug/L	1.0	11/19/24 12:19	
EPA 903.1	Radium-226	7.17 ± 1.46 (0.141) C:NA T:89%	pCi/L		12/05/24 14:07	
EPA 904.0	Radium-228	1.37 ± 0.484 (0.636) C:73% T:80%	pCi/L		12/03/24 11:14	
Total Radium Calculation	Total Radium	8.54 ± 1.94 (0.777)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	406	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	406	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	784	mg/L	20.0	11/14/24 10:21	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/12/24 15:24	H3
SM 5310C	Dissolved Organic Carbon	3.4	mg/L	1.0	11/16/24 05:20	
50387550005	**MW-2D**					
EPA 9056	Chloride	563	mg/L	25.0	11/23/24 17:47	
EPA 9056	Fluoride	1.1	mg/L	0.10	11/19/24 04:59	
EPA 9056	Sulfate	726	mg/L	25.0	11/23/24 17:47	
EPA 6010	Barium	40.1	ug/L	10.0	11/21/24 16:49	
EPA 6010	Boron	2210	ug/L	100	11/21/24 16:49	
EPA 6010	Calcium	271000	ug/L	5000	11/21/24 17:38	
EPA 6010	Iron	4700	ug/L	100	11/21/24 16:49	
EPA 6010	Lithium	53.6	ug/L	20.0	11/21/24 16:49	
EPA 6010	Magnesium	67500	ug/L	1000	11/21/24 16:49	
EPA 6010	Manganese	615	ug/L	10.0	11/21/24 16:49	
EPA 6010	Molybdenum	64.3	ug/L	10.0	11/21/24 16:49	
EPA 6010	Potassium	14800	ug/L	1000	11/21/24 16:49	
EPA 6010	Sodium	375000	ug/L	5000	11/21/24 17:38	
EPA 6010	Molybdenum, Dissolved	63.1	ug/L	10.0	11/21/24 18:51	
EPA 6020	Arsenic	11.4	ug/L	1.0	11/19/24 12:23	
EPA 903.1	Radium-226	1.24 ± 0.505 (0.134) C:NA T:96%	pCi/L		12/05/24 14:07	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387550005	**MW-2D**					
EPA 904.0	Radium-228	1.62 ± 0.482 (0.519) C:73% T:97%	pCi/L		12/03/24 11:14	
Total Radium Calculation	Total Radium	2.86 ± 0.987 (0.653)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	316	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	316	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	2330	mg/L	40.0	11/14/24 10:21	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/12/24 15:24	H3
50387550006	**MW-2S**					
EPA 9056	Chloride	817	mg/L	25.0	11/19/24 06:43	
EPA 9056	Fluoride	0.57	mg/L	0.10	11/19/24 06:09	
EPA 9056	Sulfate	971	mg/L	25.0	11/19/24 06:43	
EPA 6010	Barium	91.2	ug/L	10.0	11/21/24 16:51	
EPA 6010	Boron	726	ug/L	100	11/21/24 16:51	
EPA 6010	Calcium	269000	ug/L	5000	11/21/24 17:41	
EPA 6010	Iron	3530	ug/L	100	11/21/24 16:51	
EPA 6010	Lithium	28.8	ug/L	20.0	11/21/24 16:51	
EPA 6010	Magnesium	83000	ug/L	1000	11/21/24 16:51	
EPA 6010	Manganese	672	ug/L	10.0	11/21/24 16:51	
EPA 6010	Molybdenum	42.9	ug/L	10.0	11/21/24 16:51	
EPA 6010	Potassium	18400	ug/L	1000	11/21/24 16:51	
EPA 6010	Sodium	590000	ug/L	5000	11/21/24 17:41	
EPA 6010	Molybdenum, Dissolved	43.1	ug/L	10.0	11/21/24 18:53	
EPA 6020	Arsenic	12.1	ug/L	1.0	11/19/24 12:34	
EPA 903.1	Radium-226	0.415 ± 0.612 (1.04) C:NA T:95%	pCi/L		12/05/24 14:07	
EPA 904.0	Radium-228	1.16 ± 0.459 (0.674) C:82% T:81%	pCi/L		12/03/24 14:17	
Total Radium Calculation	Total Radium	1.58 ± 1.07 (1.71)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	268	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	268	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	2950	mg/L	40.0	11/14/24 10:22	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/12/24 15:27	H3
SM 5310C	Dissolved Organic Carbon	5.4	mg/L	5.0	11/19/24 14:55	
50387550007	**DUP-1**					
EPA 9056	Chloride	415	mg/L	25.0	11/19/24 07:36	
EPA 9056	Fluoride	0.83	mg/L	0.10	11/19/24 07:01	
EPA 9056	Sulfate	633	mg/L	25.0	11/19/24 07:36	
EPA 6010	Barium	50.1	ug/L	10.0	11/21/24 16:58	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387550007	**DUP-1**					
EPA 6010	Boron	3460	ug/L	100	11/21/24 16:58	
EPA 6010	Calcium	261000	ug/L	2000	11/21/24 17:43	
EPA 6010	Iron	4700	ug/L	100	11/21/24 16:58	
EPA 6010	Lithium	83.5	ug/L	20.0	11/21/24 16:58	
EPA 6010	Magnesium	70300	ug/L	1000	11/21/24 16:58	
EPA 6010	Manganese	407	ug/L	10.0	11/21/24 16:58	
EPA 6010	Molybdenum	137	ug/L	10.0	11/21/24 16:58	
EPA 6010	Potassium	11100	ug/L	1000	11/21/24 16:58	
EPA 6010	Sodium	254000	ug/L	2000	11/21/24 17:43	
EPA 6010	Molybdenum, Dissolved	138	ug/L	10.0	11/21/24 18:55	
EPA 6020	Arsenic	75.7	ug/L	1.0	11/19/24 12:37	
EPA 903.1	Radium-226	0.245 ± 0.320 (0.528) C:NA T:95%	pCi/L		12/05/24 14:07	
EPA 904.0	Radium-228	0.427 ± 0.352 (0.698) C:79% T:86%	pCi/L		12/03/24 14:17	
Total Radium Calculation	Total Radium	0.672 ± 0.672 (1.23)	pCi/L		12/05/24 16:41	
SM 2320B	Alkalinity, Total as CaCO3	327	mg/L	10.0	11/13/24 21:10	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	327	mg/L	10.0	11/13/24 21:10	
SM 2540C	Total Dissolved Solids	1930	mg/L	40.0	11/14/24 10:29	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/12/24 15:17	H3

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-10D **Lab ID: 50387550001** Collected: 11/11/24 14:01 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**807**	mg/L	25.0	13.0	100		11/19/24 03:14	16887-00-6	
Fluoride	**1.5**	mg/L	0.10	0.016	1		11/19/24 02:39	16984-48-8	
Sulfate	**1120**	mg/L	25.0	19.0	100		11/19/24 03:14	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**37.8**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:41	7440-39-3	
Boron	**1900**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:41	7440-42-8	
Calcium	**370000**	ug/L	5000	420	5	11/18/24 07:42	11/21/24 17:28	7440-70-2	
Iron	**3580**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:41	7439-89-6	
Lithium	**65.5**	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:41	7439-93-2	
Magnesium	**108000**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:41	7439-95-4	
Manganese	**478**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:41	7439-96-5	
Molybdenum	**57.6**	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:41	7439-98-7	
Potassium	**12500**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:41	7440-09-7	
Sodium	**532000**	ug/L	5000	475	5	11/18/24 07:42	11/21/24 17:28	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**58.4**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:29	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:01	7440-36-0	
Arsenic	**86.3**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:01	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:01	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:01	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**298**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**298**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**3150**	mg/L	100	100	1		11/14/24 10:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/12/24 15:25		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-10D **Lab ID: 50387550001** Collected: 11/11/24 14:01 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/12/24 05:17	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/20/24 00:48		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-5D **Lab ID: 50387550002** Collected: 11/11/24 11:07 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**439**	mg/L	25.0	13.0	100		11/19/24 04:07	16887-00-6	
Fluoride	**0.78**	mg/L	0.10	0.016	1		11/19/24 03:32	16984-48-8	
Sulfate	**669**	mg/L	25.0	19.0	100		11/19/24 04:07	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**49.2**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:43	7440-39-3	
Boron	**3470**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:43	7440-42-8	
Calcium	**259000**	ug/L	2000	168	2	11/18/24 07:42	11/21/24 17:30	7440-70-2	
Iron	**4670**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:43	7439-89-6	
Lithium	**80.3**	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:43	7439-93-2	
Magnesium	**69900**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:43	7439-95-4	
Manganese	**405**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:43	7439-96-5	
Molybdenum	**136**	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:43	7439-98-7	
Potassium	**11000**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:43	7440-09-7	
Sodium	**255000**	ug/L	2000	190	2	11/18/24 07:42	11/21/24 17:30	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**138**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:45	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:12	7440-36-0	
Arsenic	**74.9**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:12	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:12	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:12	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**326**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**326**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1920**	mg/L	40.0	40.0	1		11/14/24 10:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/12/24 15:22		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-5D **Lab ID: 50387550002** Collected: 11/11/24 11:07 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.11**	mg/L	0.10	0.013	1		11/12/24 05:12	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/20/24 01:14		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2IL **Lab ID: 50387550003** Collected: 11/11/24 09:30 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**7.6**	mg/L	0.25	0.13	1		11/19/24 01:30	16887-00-6	
Fluoride	**0.54**	mg/L	0.10	0.016	1		11/19/24 01:30	16984-48-8	
Sulfate	**0.36**	mg/L	0.25	0.19	1		11/19/24 01:30	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**599**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:45	7440-39-3	
Boron	**141**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:45	7440-42-8	
Calcium	**72300**	ug/L	1000	83.9	1	11/18/24 07:42	11/21/24 16:45	7440-70-2	
Iron	**3570**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:45	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:45	7439-93-2	
Magnesium	**27800**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:45	7439-95-4	
Manganese	**91.1**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:45	7439-96-5	
Molybdenum	**17.2**	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:45	7439-98-7	
Potassium	**1800**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:45	7440-09-7	
Sodium	**19500**	ug/L	1000	95.0	1	11/18/24 07:42	11/21/24 16:45	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**16.5**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:47	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:15	7440-36-0	
Arsenic	**14.9**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:15	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:15	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:15	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**358**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**358**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**344**	mg/L	10.0	10.0	1		11/14/24 10:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/12/24 15:18		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2IL **Lab ID: 50387550003** Collected: 11/11/24 09:30 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/12/24 04:59	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.1**	mg/L	1.0	0.25	1		11/16/24 05:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2D1 **Lab ID: 50387550004** Collected: 11/11/24 11:05 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**63.9**	mg/L	2.5	1.3	10		11/19/24 04:42	16887-00-6	
Fluoride	**0.45**	mg/L	0.10	0.016	1		11/19/24 04:24	16984-48-8	
Sulfate	**230**	mg/L	2.5	1.9	10		11/19/24 04:42	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**479**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:47	7440-39-3	
Boron	**354**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:47	7440-42-8	
Calcium	**162000**	ug/L	1000	83.9	1	11/18/24 07:42	11/21/24 16:47	7440-70-2	
Iron	**5850**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:47	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:47	7439-93-2	
Magnesium	**51900**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:47	7439-95-4	
Manganese	**147**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:47	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:47	7439-98-7	
Potassium	**2880**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:47	7440-09-7	
Sodium	**29900**	ug/L	1000	95.0	1	11/18/24 07:42	11/21/24 16:47	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:49	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:19	7440-36-0	
Arsenic	**17.2**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:19	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:19	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:19	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**406**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**406**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**784**	mg/L	20.0	20.0	1		11/14/24 10:21		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/12/24 15:24		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2D1 **Lab ID: 50387550004** Collected: 11/11/24 11:05 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/12/24 05:06	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.4**	mg/L	1.0	0.25	1		11/16/24 05:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2D **Lab ID: 50387550005** Collected: 11/11/24 12:50 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**563**	mg/L	25.0	13.0	100		11/23/24 17:47	16887-00-6	
Fluoride	**1.1**	mg/L	0.10	0.016	1		11/19/24 04:59	16984-48-8	
Sulfate	**726**	mg/L	25.0	19.0	100		11/23/24 17:47	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**40.1**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:49	7440-39-3	
Boron	**2210**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:49	7440-42-8	
Calcium	**271000**	ug/L	5000	420	5	11/18/24 07:42	11/21/24 17:38	7440-70-2	
Iron	**4700**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:49	7439-89-6	
Lithium	**53.6**	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:49	7439-93-2	
Magnesium	**67500**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:49	7439-95-4	
Manganese	**615**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:49	7439-96-5	
Molybdenum	**64.3**	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:49	7439-98-7	
Potassium	**14800**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:49	7440-09-7	
Sodium	**375000**	ug/L	5000	475	5	11/18/24 07:42	11/21/24 17:38	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**63.1**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:51	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:23	7440-36-0	
Arsenic	**11.4**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:23	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:23	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:23	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**316**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**316**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2330**	mg/L	40.0	40.0	1		11/14/24 10:21		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/12/24 15:24		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2D **Lab ID: 50387550005** Collected: 11/11/24 12:50 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/12/24 05:16	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	5.0	1.3	5		11/19/24 14:34		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2S **Lab ID: 50387550006** Collected: 11/11/24 14:25 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**817**	mg/L	25.0	13.0	100		11/19/24 06:43	16887-00-6	
Fluoride	**0.57**	mg/L	0.10	0.016	1		11/19/24 06:09	16984-48-8	
Sulfate	**971**	mg/L	25.0	19.0	100		11/19/24 06:43	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**91.2**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:51	7440-39-3	
Boron	**726**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:51	7440-42-8	
Calcium	**269000**	ug/L	5000	420	5	11/18/24 07:42	11/21/24 17:41	7440-70-2	
Iron	**3530**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:51	7439-89-6	
Lithium	**28.8**	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:51	7439-93-2	
Magnesium	**83000**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:51	7439-95-4	
Manganese	**672**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:51	7439-96-5	
Molybdenum	**42.9**	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:51	7439-98-7	
Potassium	**18400**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:51	7440-09-7	
Sodium	**590000**	ug/L	5000	475	5	11/18/24 07:42	11/21/24 17:41	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**43.1**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:53	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:34	7440-36-0	
Arsenic	**12.1**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:34	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:34	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:34	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**268**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**268**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2950**	mg/L	40.0	40.0	1		11/14/24 10:22		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/12/24 15:27		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2S **Lab ID: 50387550006** Collected: 11/11/24 14:25 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/12/24 05:21	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**5.4**	mg/L	5.0	1.3	5		11/19/24 14:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: DUP-1 **Lab ID: 50387550007** Collected: 11/11/24 08:00 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**415**	mg/L	25.0	13.0	100		11/19/24 07:36	16887-00-6	
Fluoride	**0.83**	mg/L	0.10	0.016	1		11/19/24 07:01	16984-48-8	
Sulfate	**633**	mg/L	25.0	19.0	100		11/19/24 07:36	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**50.1**	ug/L	10.0	0.68	1	11/18/24 07:42	11/21/24 16:58	7440-39-3	
Boron	**3460**	ug/L	100	5.6	1	11/18/24 07:42	11/21/24 16:58	7440-42-8	
Calcium	**261000**	ug/L	2000	168	2	11/18/24 07:42	11/21/24 17:43	7440-70-2	
Iron	**4700**	ug/L	100	41.0	1	11/18/24 07:42	11/21/24 16:58	7439-89-6	
Lithium	**83.5**	ug/L	20.0	3.8	1	11/18/24 07:42	11/21/24 16:58	7439-93-2	
Magnesium	**70300**	ug/L	1000	53.7	1	11/18/24 07:42	11/21/24 16:58	7439-95-4	
Manganese	**407**	ug/L	10.0	0.77	1	11/18/24 07:42	11/21/24 16:58	7439-96-5	
Molybdenum	**137**	ug/L	10.0	1.4	1	11/18/24 07:42	11/21/24 16:58	7439-98-7	
Potassium	**11100**	ug/L	1000	113	1	11/18/24 07:42	11/21/24 16:58	7440-09-7	
Sodium	**254000**	ug/L	2000	190	2	11/18/24 07:42	11/21/24 17:43	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**138**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 18:55	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/17/24 08:30	11/19/24 12:37	7440-36-0	
Arsenic	**75.7**	ug/L	1.0	0.080	1	11/17/24 08:30	11/19/24 12:37	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/17/24 08:30	11/19/24 12:37	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/17/24 08:30	11/19/24 12:37	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**327**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Bicarbonate (CaCO3)	**327**	mg/L	10.0	10.0	1		11/13/24 21:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/13/24 21:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1930**	mg/L	40.0	40.0	1		11/14/24 10:29		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/12/24 15:17		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: DUP-1 **Lab ID: 50387550007** Collected: 11/11/24 08:00 Received: 11/11/24 18:22 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/12/24 04:57	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/19/24 15:21		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 819253 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3748903 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/18/24 12:43	
Fluoride	mg/L	ND	0.10	0.016	11/18/24 12:43	
Sulfate	mg/L	ND	0.25	0.19	11/18/24 12:43	

LABORATORY CONTROL SAMPLE: 3748904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	93	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748905 3748906

Parameter	Units	50387514001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	20.8	2.5	2.5	23.2	23.2	99	98	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.0	1.1	104	109	80-120	5	15	
Sulfate	mg/L	240	50	50	280	279	80	79	80-120	0	15	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818576
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3745260 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/21/24 16:06	
Boron	ug/L	ND	100	5.6	11/21/24 16:06	
Calcium	ug/L	ND	1000	83.9	11/21/24 16:06	
Iron	ug/L	ND	100	41.0	11/21/24 16:06	
Lithium	ug/L	ND	20.0	3.8	11/21/24 16:06	
Magnesium	ug/L	ND	1000	53.7	11/21/24 16:06	
Manganese	ug/L	ND	10.0	0.77	11/21/24 16:06	
Molybdenum	ug/L	ND	10.0	1.4	11/21/24 16:06	
Potassium	ug/L	ND	1000	113	11/21/24 16:06	
Sodium	ug/L	ND	1000	95.0	11/21/24 16:06	

LABORATORY CONTROL SAMPLE: 3745261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	997	100	80-120	
Boron	ug/L	1000	966	97	80-120	
Calcium	ug/L	10000	10000	100	80-120	
Iron	ug/L	10000	9930	99	80-120	
Lithium	ug/L	1000	984	98	80-120	
Magnesium	ug/L	10000	9590	96	80-120	
Manganese	ug/L	1000	993	99	80-120	
Molybdenum	ug/L	1000	997	100	80-120	
Potassium	ug/L	10000	9670	97	80-120	
Sodium	ug/L	10000	9590	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745262 3745263

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L		1000	1000	1020	1020	99	99	75-125	0	20	
Boron	ug/L	4000	1000	1000	5000	4980	99	97	75-125	0	20	
Calcium	ug/L	578000	10000	10000	582000	575000	40	-25	75-125	1	20	P6
Iron	ug/L	ND	10000	10000	9550	9520	95	95	75-125	0	20	
Lithium	ug/L	333	1000	1000	1310	1320	98	99	75-125	1	20	
Magnesium	ug/L	49400	10000	10000	57500	57600	81	82	75-125	0	20	
Manganese	ug/L		1000	1000	3060	3070	90	90	75-125	0	20	
Molybdenum	ug/L	11.4	1000	1000	1020	1010	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745262 3745263

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	62200	10000	10000	71400	71500	92	93	75-125	0	20	
Sodium	ug/L	82600	10000	10000	91100	91000	85	85	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818585
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3745328 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/21/24 18:25	

LABORATORY CONTROL SAMPLE: 3745329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1020	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745330 3745331

Parameter	Units	50387550001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	58.4	1000	1000	1090	1080	103	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 819368
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3749937 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/19/24 10:08	
Arsenic	ug/L	ND	1.0	0.080	11/19/24 10:08	
Cobalt	ug/L	ND	1.0	0.045	11/19/24 10:08	
Selenium	ug/L	ND	1.0	0.26	11/19/24 10:08	

LABORATORY CONTROL SAMPLE: 3749938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.0	102	80-120	
Arsenic	ug/L	40	37.9	95	80-120	
Cobalt	ug/L	40	40.6	102	80-120	
Selenium	ug/L	40	39.2	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3749939 3749940

Parameter	Units	50387730001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.9	41.5	105	104	75-125	1	20	
Arsenic	ug/L	15.0	40	40	53.0	52.4	95	94	75-125	1	20	
Cobalt	ug/L	0.47J	40	40	38.2	37.5	94	93	75-125	2	20	
Selenium	ug/L	ND	40	40	39.1	37.7	98	94	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818808 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3746381 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/13/24 21:10	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/13/24 21:10	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/13/24 21:10	

LABORATORY CONTROL SAMPLE: 3746382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.4	103	90-110	

SAMPLE DUPLICATE: 3746383

Parameter	Units	50387416001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	231	234	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	231	234	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3746384

Parameter	Units	50387550004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	406	410	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	406	410	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818864 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006

METHOD BLANK: 3746829 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/14/24 10:14	

LABORATORY CONTROL SAMPLE: 3746830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	270	90	80-120	

SAMPLE DUPLICATE: 3746831

Parameter	Units	50387513001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2510	2450	2	10	

SAMPLE DUPLICATE: 3746832

Parameter	Units	50387514001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	814	800	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818865
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550007

METHOD BLANK: 3746834 Matrix: Water
Associated Lab Samples: 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/14/24 10:28	

LABORATORY CONTROL SAMPLE: 3746835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	272	91	80-120	

SAMPLE DUPLICATE: 3746836

Parameter	Units	50387550007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1930	1920	1	10	

SAMPLE DUPLICATE: 3746837

Parameter	Units	50387555001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	349	346	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818445
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

SAMPLE DUPLICATE: 3744380

Parameter	Units	50387514001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.2	1	2	H3

SAMPLE DUPLICATE: 3744381

Parameter	Units	50387513001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.0	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 818328 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3744103 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/12/24 04:27	

LABORATORY CONTROL SAMPLE: 3744104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744105 3744106

Parameter	Units	50387514001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	92	93	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3744107 3744108

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	100	99	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 819026 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004

METHOD BLANK: 3747462 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/19/24 20:37	

LABORATORY CONTROL SAMPLE: 3747463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.3	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3747464 3747465

Parameter	Units	50387416001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.1	10	10	10.9	10.8	98	97	80-120	1	15	

MATRIX SPIKE SAMPLE: 3747466

Parameter	Units	50387423005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	6.9	10	16.2	93	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 819028
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387550005, 50387550006, 50387550007

METHOD BLANK: 3747474 Matrix: Water
Associated Lab Samples: 50387550005, 50387550006, 50387550007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/15/24 01:04	

LABORATORY CONTROL SAMPLE: 3747475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3747476 3747477

Parameter	Units	50387513001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.1	10	10	11.9	13.1	98	109	80-120	9	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3747478 3747479

Parameter	Units	50387514001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.1	10	10	10.7	10.8	96	97	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-10D **Lab ID: 50387550001** Collected: 11/11/24 14:01 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.19 ± 0.613 (0.742) C:NA T:92%**	pCi/L	12/05/24 13:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.32 ± 0.455 (0.604) C:74% T:90%**	pCi/L	12/03/24 11:13	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.51 ± 1.07 (1.35)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-5D **Lab ID: 50387550002** Collected: 11/11/24 11:07 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.234 ± 0.563 (1.02) C:NA T:95%**	pCi/L	12/05/24 13:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.757 ± 0.404 (0.712) C:73% T:87%**	pCi/L	12/03/24 11:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.991 ± 0.967 (1.73)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2IL **Lab ID: 50387550003** Collected: 11/11/24 09:30 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.55 ± 0.551 (0.123) C:NA T:99%**	pCi/L	12/05/24 13:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.631 ± 0.363 (0.655) C:74% T:93%**	pCi/L	12/03/24 11:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.18 ± 0.914 (0.778)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2D1 **Lab ID: 50387550004** Collected: 11/11/24 11:05 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**7.17 ± 1.46 (0.141) C:NA T:89%**	pCi/L	12/05/24 14:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.37 ± 0.484 (0.636) C:73% T:80%**	pCi/L	12/03/24 11:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**8.54 ± 1.94 (0.777)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2D **Lab ID: 50387550005** Collected: 11/11/24 12:50 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.24 ± 0.505 (0.134) C:NA T:96%**	pCi/L	12/05/24 14:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.62 ± 0.482 (0.519) C:73% T:97%**	pCi/L	12/03/24 11:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.86 ± 0.987 (0.653)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: MW-2S **Lab ID: 50387550006** Collected: 11/11/24 14:25 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.415 ± 0.612 (1.04) C:NA T:95%**	pCi/L	12/05/24 14:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.16 ± 0.459 (0.674) C:82% T:81%**	pCi/L	12/03/24 14:17	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.58 ± 1.07 (1.71)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Sample: DUP-1 **Lab ID: 50387550007** Collected: 11/11/24 08:00 Received: 11/11/24 18:22 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.245 ± 0.320 (0.528) C:NA T:95%**	pCi/L	12/05/24 14:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.427 ± 0.352 (0.698) C:79% T:86%**	pCi/L	12/03/24 14:17	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.672 ± 0.672 (1.23)**	pCi/L	12/05/24 16:41	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 709884 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3456861 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.660 ± 0.374 (0.676) C:77% T:85%	pCi/L	12/03/24 11:08	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

QC Batch: 709881 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

METHOD BLANK: 3456856 Matrix: Water
Associated Lab Samples: 50387550001, 50387550002, 50387550003, 50387550004, 50387550005, 50387550006, 50387550007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.527 ± 0.432 (0.643) C:NA T:88%	pCi/L	12/05/24 13:42	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387550001	**MW-10D**	EPA 9056	819253		
50387550002	**MW-5D**	EPA 9056	819253		
50387550003	**MW-2IL**	EPA 9056	819253		
50387550004	**MW-2D1**	EPA 9056	819253		
50387550005	**MW-2D**	EPA 9056	819253		
50387550006	**MW-2S**	EPA 9056	819253		
50387550007	**DUP-1**	EPA 9056	819253		
50387550001	**MW-10D**	EPA 3010	818576	EPA 6010	820372
50387550002	**MW-5D**	EPA 3010	818576	EPA 6010	820372
50387550003	**MW-2IL**	EPA 3010	818576	EPA 6010	820372
50387550004	**MW-2D1**	EPA 3010	818576	EPA 6010	820372
50387550005	**MW-2D**	EPA 3010	818576	EPA 6010	820372
50387550006	**MW-2S**	EPA 3010	818576	EPA 6010	820372
50387550007	**DUP-1**	EPA 3010	818576	EPA 6010	820372
50387550001	**MW-10D**	EPA 3010	818585	EPA 6010	820421
50387550002	**MW-5D**	EPA 3010	818585	EPA 6010	820421
50387550003	**MW-2IL**	EPA 3010	818585	EPA 6010	820421
50387550004	**MW-2D1**	EPA 3010	818585	EPA 6010	820421
50387550005	**MW-2D**	EPA 3010	818585	EPA 6010	820421
50387550006	**MW-2S**	EPA 3010	818585	EPA 6010	820421
50387550007	**DUP-1**	EPA 3010	818585	EPA 6010	820421
50387550001	**MW-10D**	EPA 200.2	819368	EPA 6020	819449
50387550002	**MW-5D**	EPA 200.2	819368	EPA 6020	819449
50387550003	**MW-2IL**	EPA 200.2	819368	EPA 6020	819449
50387550004	**MW-2D1**	EPA 200.2	819368	EPA 6020	819449
50387550005	**MW-2D**	EPA 200.2	819368	EPA 6020	819449
50387550006	**MW-2S**	EPA 200.2	819368	EPA 6020	819449
50387550007	**DUP-1**	EPA 200.2	819368	EPA 6020	819449
50387550001	**MW-10D**	EPA 903.1	709881		
50387550002	**MW-5D**	EPA 903.1	709881		
50387550003	**MW-2IL**	EPA 903.1	709881		
50387550004	**MW-2D1**	EPA 903.1	709881		
50387550005	**MW-2D**	EPA 903.1	709881		
50387550006	**MW-2S**	EPA 903.1	709881		
50387550007	**DUP-1**	EPA 903.1	709881		
50387550001	**MW-10D**	EPA 904.0	709884		
50387550002	**MW-5D**	EPA 904.0	709884		
50387550003	**MW-2IL**	EPA 904.0	709884		
50387550004	**MW-2D1**	EPA 904.0	709884		
50387550005	**MW-2D**	EPA 904.0	709884		
50387550006	**MW-2S**	EPA 904.0	709884		
50387550007	**DUP-1**	EPA 904.0	709884		
50387550001	**MW-10D**	Total Radium Calculation	713599		
50387550002	**MW-5D**	Total Radium Calculation	713599		
50387550003	**MW-2IL**	Total Radium Calculation	713599		
50387550004	**MW-2D1**	Total Radium Calculation	713599		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387550005	**MW-2D**	Total Radium Calculation	713599		
50387550006	**MW-2S**	Total Radium Calculation	713599		
50387550007	**DUP-1**	Total Radium Calculation	713599		
50387550001	**MW-10D**	SM 2320B	818808		
50387550002	**MW-5D**	SM 2320B	818808		
50387550003	**MW-2IL**	SM 2320B	818808		
50387550004	**MW-2D1**	SM 2320B	818808		
50387550005	**MW-2D**	SM 2320B	818808		
50387550006	**MW-2S**	SM 2320B	818808		
50387550007	**DUP-1**	SM 2320B	818808		
50387550001	**MW-10D**	SM 2540C	818864		
50387550002	**MW-5D**	SM 2540C	818864		
50387550003	**MW-2IL**	SM 2540C	818864		
50387550004	**MW-2D1**	SM 2540C	818864		
50387550005	**MW-2D**	SM 2540C	818864		
50387550006	**MW-2S**	SM 2540C	818864		
50387550007	**DUP-1**	SM 2540C	818865		
50387550001	**MW-10D**	SM 4500-H+B	818445		
50387550002	**MW-5D**	SM 4500-H+B	818445		
50387550003	**MW-2IL**	SM 4500-H+B	818445		
50387550004	**MW-2D1**	SM 4500-H+B	818445		
50387550005	**MW-2D**	SM 4500-H+B	818445		
50387550006	**MW-2S**	SM 4500-H+B	818445		
50387550007	**DUP-1**	SM 4500-H+B	818445		
50387550001	**MW-10D**	EPA 353.2	818328		
50387550002	**MW-5D**	EPA 353.2	818328		
50387550003	**MW-2IL**	EPA 353.2	818328		
50387550004	**MW-2D1**	EPA 353.2	818328		
50387550005	**MW-2D**	EPA 353.2	818328		
50387550006	**MW-2S**	EPA 353.2	818328		
50387550007	**DUP-1**	EPA 353.2	818328		
50387550001	**MW-10D**	SM 5310C	819026		
50387550002	**MW-5D**	SM 5310C	819026		
50387550003	**MW-2IL**	SM 5310C	819026		
50387550004	**MW-2D1**	SM 5310C	819026		
50387550005	**MW-2D**	SM 5310C	819028		
50387550006	**MW-2S**	SM 5310C	819028		
50387550007	**DUP-1**	SM 5310C	819028		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY

WO# : 50387550

50387550

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
MW-10D	GW	G	11/11/24	1401			1	1	1	2	1	1	1	2				
MW-5D				1107														
MW-21L				0930														
MW-20I				1105														
MW-2D				1250														
MW-2S				1425														
DUP-1				—														

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Epler / Mykah Bartram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	D	0.0	see scan		Y

Relinquished by/Company: (Signature)	Date/Time: 11/11/24	Received by/Company: (Signature)	Date/Time: 11/11/24 1822	Tracking Number:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/11/24 18:22 JG

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. **Cooler Temperature(s):** (Initial/Corrected) 4.9/4.9 | 5.6/5.6 | | |
RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** Circle One: Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ~~☐ Yes~~ ☑ No

(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C
If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Short Hold Time Analysis (48 hours or less)? **Analysis:** 353.2 Nitrate	—					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Rush TAT Requested (4 days or less):		—	Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Custody Signatures Present?	—		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Containers Intact?:	—		Trip Blank Present?		—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—		Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	2	1	1									WT	✓	✓		
2												↓				↓	↓	↓	↓	↓									↓	↓	↓			
3												↓				↓	↓	↓	↓	↓									↓	↓	↓			
4												↓				↓	↓	↓	↓	↓									↓	↓	↓			
5												↓				↓	↓	↓	↓	↓									↓	↓	↓			
6												↓				↓	↓	↓	↓	↓									↓	↓	↓			
7												↓				↓	↓	↓	↓	↓									↓	↓	↓			
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Dear Mr. Breting:

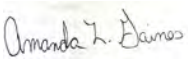
Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387635001	**MW-12D1**	Water	11/12/24 11:15	11/12/24 16:10
50387635002	**MW-12D**	Water	11/12/24 12:50	11/12/24 16:10
50387635003	**MW-6S**	Water	11/12/24 14:30	11/12/24 16:10
50387635004	**MW-6D**	Water	11/12/24 13:02	11/12/24 16:10
50387635005	**MW-6I**	Water	11/12/24 14:21	11/12/24 16:10
50387635006	**MW-10S**	Water	11/12/24 10:40	11/12/24 16:10

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387635001	**MW-12D1**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387635002	**MW-12D**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387635003	**MW-6S**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387635004	**MW-6D**	EPA 9056	DMP1	3	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387635005	**MW-6I**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387635006	**MW-10S**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387635001	**MW-12D1**					
EPA 9056	Chloride	435	mg/L	25.0	11/22/24 11:40	
EPA 9056	Fluoride	1.1	mg/L	0.10	11/19/24 14:43	
EPA 9056	Sulfate	557	mg/L	25.0	11/22/24 11:40	
EPA 6010	Barium	100	ug/L	10.0	11/22/24 16:24	
EPA 6010	Boron	3760	ug/L	100	11/22/24 16:24	
EPA 6010	Calcium	279000	ug/L	2000	11/22/24 17:00	
EPA 6010	Iron	5140	ug/L	100	11/22/24 16:24	
EPA 6010	Lithium	93.9	ug/L	20.0	11/22/24 16:24	
EPA 6010	Magnesium	75100	ug/L	1000	11/22/24 16:24	
EPA 6010	Manganese	521	ug/L	10.0	11/22/24 16:24	
EPA 6010	Molybdenum	105	ug/L	10.0	11/22/24 16:24	
EPA 6010	Potassium	12800	ug/L	1000	11/22/24 16:24	
EPA 6010	Sodium	254000	ug/L	2000	11/22/24 17:00	
EPA 6010	Molybdenum, Dissolved	104	ug/L	10.0	11/21/24 19:13	
EPA 6020	Arsenic	230	ug/L	2.0	11/25/24 03:33	
EPA 6020	Cobalt	1.4	ug/L	1.0	11/21/24 16:27	
EPA 903.1	Radium-226	-0.503 ± 0.528 (1.19) C:NA T:96%	pCi/L		12/09/24 13:17	
EPA 904.0	Radium-228	0.512 ± 0.483 (0.992) C:72% T:85%	pCi/L		12/05/24 15:07	
Total Radium Calculation	Total Radium	0.512 ± 1.01 (2.18)	pCi/L		12/09/24 16:37	
SM 2320B	Alkalinity, Total as CaCO3	300	mg/L	10.0	11/14/24 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	300	mg/L	10.0	11/14/24 21:36	
SM 2540C	Total Dissolved Solids	1910	mg/L	40.0	11/15/24 11:50	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/15/24 12:25	H3
50387635002	**MW-12D**					
EPA 9056	Chloride	341	mg/L	25.0	11/22/24 11:58	
EPA 9056	Fluoride	1.2	mg/L	0.10	11/19/24 15:35	
EPA 9056	Sulfate	517	mg/L	25.0	11/22/24 11:58	
EPA 6010	Barium	30.4	ug/L	10.0	11/22/24 16:26	
EPA 6010	Boron	1640	ug/L	100	11/22/24 16:26	
EPA 6010	Calcium	209000	ug/L	2000	11/22/24 17:02	
EPA 6010	Iron	3350	ug/L	100	11/22/24 16:26	
EPA 6010	Lithium	49.1	ug/L	20.0	11/22/24 16:26	
EPA 6010	Magnesium	53400	ug/L	1000	11/22/24 16:26	
EPA 6010	Manganese	609	ug/L	10.0	11/22/24 16:26	
EPA 6010	Molybdenum	77.0	ug/L	10.0	11/22/24 16:26	
EPA 6010	Potassium	10700	ug/L	1000	11/22/24 16:26	
EPA 6010	Sodium	268000	ug/L	2000	11/22/24 17:02	
EPA 6010	Molybdenum, Dissolved	74.8	ug/L	10.0	11/21/24 19:15	
EPA 6020	Arsenic	93.2	ug/L	1.0	11/21/24 16:31	
EPA 6020	Cobalt	1.3	ug/L	1.0	11/21/24 16:31	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387635002	**MW-12D**					
EPA 903.1	Radium-226	2.20 ± 0.929 (1.09) C:NA T:94%	pCi/L		12/09/24 13:17	
EPA 904.0	Radium-228	2.07 ± 0.740 (1.06) C:69% T:83%	pCi/L		12/05/24 15:07	
Total Radium Calculation	Total Radium	4.27 ± 1.67 (2.15)	pCi/L		12/09/24 16:37	
SM 2320B	Alkalinity, Total as CaCO3	333	mg/L	10.0	11/14/24 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	333	mg/L	10.0	11/14/24 21:36	
SM 2540C	Total Dissolved Solids	1620	mg/L	40.0	11/15/24 11:51	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/15/24 12:26	H3
50387635003	**MW-6S**					
EPA 9056	Chloride	258	mg/L	25.0	11/22/24 12:15	
EPA 9056	Fluoride	1.4	mg/L	0.10	11/19/24 16:26	
EPA 9056	Sulfate	463	mg/L	25.0	11/22/24 12:15	
EPA 6010	Barium	104	ug/L	10.0	11/22/24 16:33	
EPA 6010	Boron	4050	ug/L	100	11/22/24 16:33	
EPA 6010	Calcium	227000	ug/L	2000	11/22/24 17:04	
EPA 6010	Iron	7300	ug/L	100	11/22/24 16:33	
EPA 6010	Lithium	52.4	ug/L	20.0	11/22/24 16:33	
EPA 6010	Magnesium	56600	ug/L	1000	11/22/24 16:33	
EPA 6010	Manganese	1540	ug/L	10.0	11/22/24 16:33	
EPA 6010	Molybdenum	187	ug/L	10.0	11/22/24 16:33	
EPA 6010	Potassium	10600	ug/L	1000	11/22/24 16:33	
EPA 6010	Sodium	203000	ug/L	2000	11/22/24 17:04	
EPA 6010	Molybdenum, Dissolved	189	ug/L	10.0	11/21/24 19:17	
EPA 6020	Arsenic	13.6	ug/L	1.0	11/21/24 16:41	
EPA 6020	Cobalt	3.0	ug/L	1.0	11/21/24 16:41	
EPA 903.1	Radium-226	-0.136 ± 0.703 (1.40) C:NA T:81%	pCi/L		12/09/24 13:34	
EPA 904.0	Radium-228	0.398 ± 0.388 (0.793) C:77% T:82%	pCi/L		12/05/24 15:07	
Total Radium Calculation	Total Radium	0.398 ± 1.09 (2.19)	pCi/L		12/09/24 16:37	
SM 2320B	Alkalinity, Total as CaCO3	424	mg/L	10.0	11/14/24 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	424	mg/L	10.0	11/14/24 21:36	
SM 2540C	Total Dissolved Solids	1500	mg/L	40.0	11/15/24 11:51	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	11/15/24 15:26	H3
50387635004	**MW-6D**					
EPA 9056	Chloride	223	mg/L	25.0	11/22/24 12:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387635004	**MW-6D**					
EPA 9056	Fluoride	0.14	mg/L	0.10	11/19/24 17:52	
EPA 9056	Sulfate	821	mg/L	25.0	11/22/24 12:32	
EPA 6010	Barium	38.0	ug/L	10.0	11/22/24 16:35	
EPA 6010	Boron	10900	ug/L	100	11/22/24 16:35	
EPA 6010	Calcium	286000	ug/L	2000	11/22/24 17:06	
EPA 6010	Iron	6310	ug/L	100	11/22/24 16:35	
EPA 6010	Lithium	55.5	ug/L	20.0	11/22/24 16:35	
EPA 6010	Magnesium	53700	ug/L	1000	11/22/24 16:35	
EPA 6010	Manganese	644	ug/L	10.0	11/22/24 16:35	
EPA 6010	Molybdenum	292	ug/L	10.0	11/22/24 16:35	
EPA 6010	Potassium	9640	ug/L	1000	11/22/24 16:35	
EPA 6010	Sodium	176000	ug/L	1000	11/22/24 16:35	
EPA 6010	Molybdenum, Dissolved	291	ug/L	10.0	11/21/24 19:19	
EPA 6020	Cobalt	1.2	ug/L	1.0	11/21/24 17:04	
EPA 903.1	Radium-226	0.503 ± 0.506 (0.788) C:NA T:94%	pCi/L		12/09/24 13:34	
EPA 904.0	Radium-228	0.536 ± 0.402 (0.784) C:76% T:83%	pCi/L		12/05/24 15:07	
Total Radium Calculation	Total Radium	1.04 ± 0.908 (1.57)	pCi/L		12/09/24 16:37	
SM 2320B	Alkalinity, Total as CaCO3	173	mg/L	10.0	11/14/24 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	173	mg/L	10.0	11/14/24 21:36	
SM 2540C	Total Dissolved Solids	1700	mg/L	40.0	11/15/24 11:51	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/15/24 15:04	H3
EPA 353.2	Nitrogen, Nitrate	0.12	mg/L	0.10	11/13/24 01:48	
SM 5310C	Dissolved Organic Carbon	3.2	mg/L	1.0	11/22/24 02:11	
50387635005	**MW-6I**					
EPA 9056	Chloride	227	mg/L	25.0	11/22/24 12:49	
EPA 9056	Fluoride	0.35	mg/L	0.10	11/19/24 18:44	
EPA 9056	Sulfate	660	mg/L	25.0	11/22/24 12:49	
EPA 6010	Barium	28.9	ug/L	10.0	11/22/24 16:37	
EPA 6010	Boron	2410	ug/L	100	11/22/24 16:37	
EPA 6010	Calcium	227000	ug/L	2000	11/22/24 17:09	
EPA 6010	Iron	5100	ug/L	100	11/22/24 16:37	
EPA 6010	Lithium	68.1	ug/L	20.0	11/22/24 16:37	
EPA 6010	Magnesium	82900	ug/L	1000	11/22/24 16:37	
EPA 6010	Manganese	423	ug/L	10.0	11/22/24 16:37	
EPA 6010	Molybdenum	111	ug/L	10.0	11/22/24 16:37	
EPA 6010	Potassium	12300	ug/L	1000	11/22/24 16:37	
EPA 6010	Sodium	192000	ug/L	1000	11/22/24 16:37	
EPA 6010	Molybdenum, Dissolved	108	ug/L	10.0	11/21/24 19:21	
EPA 6020	Arsenic	8.7	ug/L	1.0	11/21/24 17:08	
EPA 6020	Cobalt	1.1	ug/L	1.0	11/21/24 17:08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387635005	**MW-6I**					
EPA 903.1	Radium-226	0.000 ± 0.592 (1.14) C:NA T:100%	pCi/L		12/09/24 13:34	
EPA 904.0	Radium-228	1.17 ± 0.491 (0.765) C:73% T:87%	pCi/L		12/05/24 15:07	
Total Radium Calculation	Total Radium	1.17 ± 1.08 (1.91)	pCi/L		12/09/24 16:37	
SM 2320B	Alkalinity, Total as CaCO3	353	mg/L	10.0	11/14/24 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	353	mg/L	10.0	11/14/24 21:36	
SM 2540C	Total Dissolved Solids	1640	mg/L	40.0	11/15/24 11:52	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/15/24 15:25	H3
SM 5310C	Dissolved Organic Carbon	2.5	mg/L	1.0	11/22/24 02:23	
50387635006	**MW-10S**					
EPA 9056	Chloride	239	mg/L	2.5	11/22/24 13:41	
EPA 9056	Fluoride	2.4	mg/L	0.10	11/19/24 19:35	
EPA 9056	Sulfate	456	mg/L	2.5	11/22/24 13:41	
EPA 6010	Barium	35.9	ug/L	10.0	11/22/24 16:40	
EPA 6010	Boron	3070	ug/L	100	11/22/24 16:40	
EPA 6010	Calcium	128000	ug/L	1000	11/22/24 16:40	
EPA 6010	Iron	483	ug/L	100	11/22/24 16:40	
EPA 6010	Lithium	29.1	ug/L	20.0	11/22/24 16:40	
EPA 6010	Magnesium	29800	ug/L	1000	11/22/24 16:40	
EPA 6010	Manganese	319	ug/L	10.0	11/22/24 16:40	
EPA 6010	Molybdenum	154	ug/L	10.0	11/22/24 16:40	
EPA 6010	Potassium	6950	ug/L	1000	11/22/24 16:40	
EPA 6010	Sodium	233000	ug/L	2000	11/22/24 17:11	
EPA 6010	Molybdenum, Dissolved	156	ug/L	10.0	11/21/24 19:24	
EPA 6020	Arsenic	285	ug/L	2.0	11/25/24 03:36	
EPA 903.1	Radium-226	-0.491 ± 0.639 (1.38) C:NA T:92%	pCi/L		12/09/24 13:34	
EPA 904.0	Radium-228	0.434 ± 0.364 (0.726) C:77% T:93%	pCi/L		12/05/24 15:07	
Total Radium Calculation	Total Radium	0.434 ± 1.00 (2.11)	pCi/L		12/09/24 16:37	
SM 2320B	Alkalinity, Total as CaCO3	267	mg/L	10.0	11/14/24 21:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	267	mg/L	10.0	11/14/24 21:36	
SM 2540C	Total Dissolved Solids	1170	mg/L	40.0	11/15/24 11:52	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/15/24 14:45	H3
SM 5310C	Dissolved Organic Carbon	3.3	mg/L	1.0	11/22/24 02:55	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-12D1 **Lab ID: 50387635001** Collected: 11/12/24 11:15 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**435**	mg/L	25.0	13.0	100		11/22/24 11:40	16887-00-6	
Fluoride	**1.1**	mg/L	0.10	0.016	1		11/19/24 14:43	16984-48-8	
Sulfate	**557**	mg/L	25.0	19.0	100		11/22/24 11:40	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**100**	ug/L	10.0	0.68	1	11/18/24 21:09	11/22/24 16:24	7440-39-3	
Boron	**3760**	ug/L	100	5.6	1	11/18/24 21:09	11/22/24 16:24	7440-42-8	
Calcium	**279000**	ug/L	2000	168	2	11/18/24 21:09	11/22/24 17:00	7440-70-2	
Iron	**5140**	ug/L	100	41.0	1	11/18/24 21:09	11/22/24 16:24	7439-89-6	
Lithium	**93.9**	ug/L	20.0	3.8	1	11/18/24 21:09	11/22/24 16:24	7439-93-2	
Magnesium	**75100**	ug/L	1000	53.7	1	11/18/24 21:09	11/22/24 16:24	7439-95-4	
Manganese	**521**	ug/L	10.0	0.77	1	11/18/24 21:09	11/22/24 16:24	7439-96-5	
Molybdenum	**105**	ug/L	10.0	1.4	1	11/18/24 21:09	11/22/24 16:24	7439-98-7	
Potassium	**12800**	ug/L	1000	113	1	11/18/24 21:09	11/22/24 16:24	7440-09-7	
Sodium	**254000**	ug/L	2000	190	2	11/18/24 21:09	11/22/24 17:00	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**104**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 19:13	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/19/24 08:40	11/21/24 16:27	7440-36-0	
Arsenic	**230**	ug/L	2.0	0.16	2	11/19/24 08:40	11/25/24 03:33	7440-38-2	
Cobalt	**1.4**	ug/L	1.0	0.045	1	11/19/24 08:40	11/21/24 16:27	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/19/24 08:40	11/21/24 16:27	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**300**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Bicarbonate (CaCO3)	**300**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/14/24 21:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1910**	mg/L	40.0	40.0	1		11/15/24 11:50		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/15/24 12:25		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-12D1 **Lab ID: 50387635001** Collected: 11/12/24 11:15 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/13/24 01:35	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/22/24 11:55		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-12D **Lab ID: 50387635002** Collected: 11/12/24 12:50 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**341**	mg/L	25.0	13.0	100		11/22/24 11:58	16887-00-6	
Fluoride	**1.2**	mg/L	0.10	0.016	1		11/19/24 15:35	16984-48-8	
Sulfate	**517**	mg/L	25.0	19.0	100		11/22/24 11:58	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.4**	ug/L	10.0	0.68	1	11/18/24 21:09	11/22/24 16:26	7440-39-3	
Boron	**1640**	ug/L	100	5.6	1	11/18/24 21:09	11/22/24 16:26	7440-42-8	
Calcium	**209000**	ug/L	2000	168	2	11/18/24 21:09	11/22/24 17:02	7440-70-2	
Iron	**3350**	ug/L	100	41.0	1	11/18/24 21:09	11/22/24 16:26	7439-89-6	
Lithium	**49.1**	ug/L	20.0	3.8	1	11/18/24 21:09	11/22/24 16:26	7439-93-2	
Magnesium	**53400**	ug/L	1000	53.7	1	11/18/24 21:09	11/22/24 16:26	7439-95-4	
Manganese	**609**	ug/L	10.0	0.77	1	11/18/24 21:09	11/22/24 16:26	7439-96-5	
Molybdenum	**77.0**	ug/L	10.0	1.4	1	11/18/24 21:09	11/22/24 16:26	7439-98-7	
Potassium	**10700**	ug/L	1000	113	1	11/18/24 21:09	11/22/24 16:26	7440-09-7	
Sodium	**268000**	ug/L	2000	190	2	11/18/24 21:09	11/22/24 17:02	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**74.8**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 19:15	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/19/24 08:40	11/21/24 16:31	7440-36-0	
Arsenic	**93.2**	ug/L	1.0	0.080	1	11/19/24 08:40	11/21/24 16:31	7440-38-2	
Cobalt	**1.3**	ug/L	1.0	0.045	1	11/19/24 08:40	11/21/24 16:31	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/19/24 08:40	11/21/24 16:31	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**333**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Bicarbonate (CaCO3)	**333**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/14/24 21:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1620**	mg/L	40.0	40.0	1		11/15/24 11:51		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/15/24 12:26		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-12D **Lab ID: 50387635002** Collected: 11/12/24 12:50 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/13/24 01:46	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/22/24 12:05		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6S **Lab ID: 50387635003** Collected: 11/12/24 14:30 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**258**	mg/L	25.0	13.0	100		11/22/24 12:15	16887-00-6	
Fluoride	**1.4**	mg/L	0.10	0.016	1		11/19/24 16:26	16984-48-8	
Sulfate	**463**	mg/L	25.0	19.0	100		11/22/24 12:15	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**104**	ug/L	10.0	0.68	1	11/18/24 21:09	11/22/24 16:33	7440-39-3	
Boron	**4050**	ug/L	100	5.6	1	11/18/24 21:09	11/22/24 16:33	7440-42-8	
Calcium	**227000**	ug/L	2000	168	2	11/18/24 21:09	11/22/24 17:04	7440-70-2	
Iron	**7300**	ug/L	100	41.0	1	11/18/24 21:09	11/22/24 16:33	7439-89-6	
Lithium	**52.4**	ug/L	20.0	3.8	1	11/18/24 21:09	11/22/24 16:33	7439-93-2	
Magnesium	**56600**	ug/L	1000	53.7	1	11/18/24 21:09	11/22/24 16:33	7439-95-4	
Manganese	**1540**	ug/L	10.0	0.77	1	11/18/24 21:09	11/22/24 16:33	7439-96-5	
Molybdenum	**187**	ug/L	10.0	1.4	1	11/18/24 21:09	11/22/24 16:33	7439-98-7	
Potassium	**10600**	ug/L	1000	113	1	11/18/24 21:09	11/22/24 16:33	7440-09-7	
Sodium	**203000**	ug/L	2000	190	2	11/18/24 21:09	11/22/24 17:04	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**189**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 19:17	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/19/24 08:40	11/21/24 16:41	7440-36-0	
Arsenic	**13.6**	ug/L	1.0	0.080	1	11/19/24 08:40	11/21/24 16:41	7440-38-2	
Cobalt	**3.0**	ug/L	1.0	0.045	1	11/19/24 08:40	11/21/24 16:41	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/19/24 08:40	11/21/24 16:41	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**424**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Bicarbonate (CaCO3)	**424**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/14/24 21:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1500**	mg/L	40.0	40.0	1		11/15/24 11:51		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		11/15/24 15:26		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6S **Lab ID: 50387635003** Collected: 11/12/24 14:30 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/13/24 01:59	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		11/22/24 12:16		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6D **Lab ID: 50387635004** Collected: 11/12/24 13:02 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**223**	mg/L	25.0	13.0	100		11/22/24 12:32	16887-00-6	
Fluoride	**0.14**	mg/L	0.10	0.016	1		11/19/24 17:52	16984-48-8	
Sulfate	**821**	mg/L	25.0	19.0	100		11/22/24 12:32	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**38.0**	ug/L	10.0	0.68	1	11/18/24 21:09	11/22/24 16:35	7440-39-3	
Boron	**10900**	ug/L	100	5.6	1	11/18/24 21:09	11/22/24 16:35	7440-42-8	
Calcium	**286000**	ug/L	2000	168	2	11/18/24 21:09	11/22/24 17:06	7440-70-2	
Iron	**6310**	ug/L	100	41.0	1	11/18/24 21:09	11/22/24 16:35	7439-89-6	
Lithium	**55.5**	ug/L	20.0	3.8	1	11/18/24 21:09	11/22/24 16:35	7439-93-2	
Magnesium	**53700**	ug/L	1000	53.7	1	11/18/24 21:09	11/22/24 16:35	7439-95-4	
Manganese	**644**	ug/L	10.0	0.77	1	11/18/24 21:09	11/22/24 16:35	7439-96-5	
Molybdenum	**292**	ug/L	10.0	1.4	1	11/18/24 21:09	11/22/24 16:35	7439-98-7	
Potassium	**9640**	ug/L	1000	113	1	11/18/24 21:09	11/22/24 16:35	7440-09-7	
Sodium	**176000**	ug/L	1000	95.0	1	11/18/24 21:09	11/22/24 16:35	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**291**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 19:19	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/19/24 08:40	11/21/24 17:04	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/19/24 08:40	11/21/24 17:04	7440-38-2	
Cobalt	**1.2**	ug/L	1.0	0.045	1	11/19/24 08:40	11/21/24 17:04	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/19/24 08:40	11/21/24 17:04	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**173**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Bicarbonate (CaCO3)	**173**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/14/24 21:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1700**	mg/L	40.0	40.0	1		11/15/24 11:51		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/15/24 15:04		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6D **Lab ID: 50387635004** Collected: 11/12/24 13:02 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.12**	mg/L	0.10	0.013	1		11/13/24 01:48	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.2**	mg/L	1.0	0.25	1		11/22/24 02:11		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6I **Lab ID: 50387635005** Collected: 11/12/24 14:21 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**227**	mg/L	25.0	13.0	100		11/22/24 12:49	16887-00-6	
Fluoride	**0.35**	mg/L	0.10	0.016	1		11/19/24 18:44	16984-48-8	
Sulfate	**660**	mg/L	25.0	19.0	100		11/22/24 12:49	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**28.9**	ug/L	10.0	0.68	1	11/18/24 21:09	11/22/24 16:37	7440-39-3	
Boron	**2410**	ug/L	100	5.6	1	11/18/24 21:09	11/22/24 16:37	7440-42-8	
Calcium	**227000**	ug/L	2000	168	2	11/18/24 21:09	11/22/24 17:09	7440-70-2	
Iron	**5100**	ug/L	100	41.0	1	11/18/24 21:09	11/22/24 16:37	7439-89-6	
Lithium	**68.1**	ug/L	20.0	3.8	1	11/18/24 21:09	11/22/24 16:37	7439-93-2	
Magnesium	**82900**	ug/L	1000	53.7	1	11/18/24 21:09	11/22/24 16:37	7439-95-4	
Manganese	**423**	ug/L	10.0	0.77	1	11/18/24 21:09	11/22/24 16:37	7439-96-5	
Molybdenum	**111**	ug/L	10.0	1.4	1	11/18/24 21:09	11/22/24 16:37	7439-98-7	
Potassium	**12300**	ug/L	1000	113	1	11/18/24 21:09	11/22/24 16:37	7440-09-7	
Sodium	**192000**	ug/L	1000	95.0	1	11/18/24 21:09	11/22/24 16:37	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**108**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 19:21	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/19/24 08:40	11/21/24 17:08	7440-36-0	
Arsenic	**8.7**	ug/L	1.0	0.080	1	11/19/24 08:40	11/21/24 17:08	7440-38-2	
Cobalt	**1.1**	ug/L	1.0	0.045	1	11/19/24 08:40	11/21/24 17:08	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/19/24 08:40	11/21/24 17:08	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**353**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Bicarbonate (CaCO3)	**353**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/14/24 21:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1640**	mg/L	40.0	40.0	1		11/15/24 11:52		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/15/24 15:25		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6I **Lab ID: 50387635005** Collected: 11/12/24 14:21 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/13/24 01:58	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.5**	mg/L	1.0	0.25	1		11/22/24 02:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-10S **Lab ID: 50387635006** Collected: 11/12/24 10:40 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**239**	mg/L	2.5	1.3	10		11/22/24 13:41	16887-00-6	
Fluoride	**2.4**	mg/L	0.10	0.016	1		11/19/24 19:35	16984-48-8	
Sulfate	**456**	mg/L	2.5	1.9	10		11/22/24 13:41	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**35.9**	ug/L	10.0	0.68	1	11/18/24 21:09	11/22/24 16:40	7440-39-3	
Boron	**3070**	ug/L	100	5.6	1	11/18/24 21:09	11/22/24 16:40	7440-42-8	
Calcium	**128000**	ug/L	1000	83.9	1	11/18/24 21:09	11/22/24 16:40	7440-70-2	
Iron	**483**	ug/L	100	41.0	1	11/18/24 21:09	11/22/24 16:40	7439-89-6	
Lithium	**29.1**	ug/L	20.0	3.8	1	11/18/24 21:09	11/22/24 16:40	7439-93-2	
Magnesium	**29800**	ug/L	1000	53.7	1	11/18/24 21:09	11/22/24 16:40	7439-95-4	
Manganese	**319**	ug/L	10.0	0.77	1	11/18/24 21:09	11/22/24 16:40	7439-96-5	
Molybdenum	**154**	ug/L	10.0	1.4	1	11/18/24 21:09	11/22/24 16:40	7439-98-7	
Potassium	**6950**	ug/L	1000	113	1	11/18/24 21:09	11/22/24 16:40	7440-09-7	
Sodium	**233000**	ug/L	2000	190	2	11/18/24 21:09	11/22/24 17:11	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**156**	ug/L	10.0	1.4	1	11/18/24 00:00	11/21/24 19:24	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/19/24 08:40	11/21/24 17:11	7440-36-0	
Arsenic	**285**	ug/L	2.0	0.16	2	11/19/24 08:40	11/25/24 03:36	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/19/24 08:40	11/21/24 17:11	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/19/24 08:40	11/21/24 17:11	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**267**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Bicarbonate (CaCO3)	**267**	mg/L	10.0	10.0	1		11/14/24 21:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/14/24 21:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1170**	mg/L	40.0	40.0	1		11/15/24 11:52		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/15/24 14:45		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-10S **Lab ID: 50387635006** Collected: 11/12/24 10:40 Received: 11/12/24 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/13/24 01:32	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.3**	mg/L	1.0	0.25	1		11/22/24 02:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 819730 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3751316 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/20/24 12:09	
Fluoride	mg/L	ND	0.10	0.016	11/20/24 12:09	
Sulfate	mg/L	ND	0.25	0.19	11/20/24 12:09	

LABORATORY CONTROL SAMPLE: 3751317

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	0.98	98	80-120	
Sulfate	mg/L	5	4.7	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751318 3751319

Parameter	Units	50387731002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	188	25	25	213	210	97	88	80-120	1	15	
Fluoride	mg/L	0.15	1	1	1.1	1.1	94	95	80-120	1	15	
Sulfate	mg/L	802	500	500	1210	1200	81	80	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 818578
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3745272 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/22/24 15:41	
Boron	ug/L	ND	100	5.6	11/22/24 15:41	
Calcium	ug/L	ND	1000	83.9	11/22/24 15:41	
Iron	ug/L	ND	100	41.0	11/22/24 15:41	
Lithium	ug/L	ND	20.0	3.8	11/22/24 15:41	
Magnesium	ug/L	ND	1000	53.7	11/22/24 15:41	
Manganese	ug/L	ND	10.0	0.77	11/22/24 15:41	
Molybdenum	ug/L	ND	10.0	1.4	11/22/24 15:41	
Potassium	ug/L	ND	1000	113	11/22/24 15:41	
Sodium	ug/L	ND	1000	95.0	11/22/24 15:41	

LABORATORY CONTROL SAMPLE: 3745273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	987	99	80-120	
Boron	ug/L	1000	937	94	80-120	
Calcium	ug/L	10000	10100	101	80-120	
Iron	ug/L	10000	9800	98	80-120	
Lithium	ug/L	1000	991	99	80-120	
Magnesium	ug/L	10000	9560	96	80-120	
Manganese	ug/L	1000	989	99	80-120	
Molybdenum	ug/L	1000	1000	100	80-120	
Potassium	ug/L	10000	9580	96	80-120	
Sodium	ug/L	10000	9510	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745274 3745275

Parameter	Units	50387599001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L		1000	1000	1030	1030	98	99	75-125	0	20	
Boron	ug/L	1080	1000	1000	2040	2080	96	100	75-125	2	20	
Calcium	ug/L	157000	10000	10000	165000	166000	76	87	75-125	1	20	
Iron	ug/L	6330	10000	10000	15900	16000	95	96	75-125	1	20	
Lithium	ug/L	ND	1000	1000	994	993	99	99	75-125	0	20	
Magnesium	ug/L	43600	10000	10000	52500	52900	89	93	75-125	1	20	
Manganese	ug/L		1000	1000	1350	1360	96	97	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1010	1020	101	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745274 3745275

Parameter	Units	50387599001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	1860	10000	10000	11600	11600	97	97	75-125	0	20	
Sodium	ug/L	7480	10000	10000	17000	17000	95	95	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 818585
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3745328 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/21/24 18:25	

LABORATORY CONTROL SAMPLE: 3745329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1020	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745330 3745331

Parameter	Units	50387550001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	58.4	1000	1000	1090	1080	103	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 819469
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3750419 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/21/24 16:00	
Arsenic	ug/L	ND	1.0	0.080	11/21/24 16:00	
Cobalt	ug/L	ND	1.0	0.045	11/21/24 16:00	
Selenium	ug/L	ND	1.0	0.26	11/21/24 16:00	

LABORATORY CONTROL SAMPLE: 3750420

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.7	102	80-120	
Arsenic	ug/L	40	38.6	96	80-120	
Cobalt	ug/L	40	40.3	101	80-120	
Selenium	ug/L	40	39.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3750421 3750422

Parameter	Units	50387635003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.8	41.8	104	104	75-125	0	20	
Arsenic	ug/L	13.6	40	40	51.3	51.2	94	94	75-125	0	20	
Cobalt	ug/L	3.0	40	40	40.2	39.4	93	91	75-125	2	20	
Selenium	ug/L	ND	40	40	40.6	39.8	101	99	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 819078 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3747816 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/14/24 21:36	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/14/24 21:36	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/14/24 21:36	

LABORATORY CONTROL SAMPLE: 3747817

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.9	98	90-110	

SAMPLE DUPLICATE: 3747818

Parameter	Units	50387635002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	333	339	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	333	339	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3747819

Parameter	Units	50387660004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	242	246	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	242	246	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 819135 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3748162 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/15/24 11:44	

LABORATORY CONTROL SAMPLE: 3748163

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	279	93	80-120	

SAMPLE DUPLICATE: 3748164

Parameter	Units	50387740003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2500	2420	3	10	

SAMPLE DUPLICATE: 3748165

Parameter	Units	50387604002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1560	1570	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 819198
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002

SAMPLE DUPLICATE: 3748593

Parameter	Units	50387604001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

SAMPLE DUPLICATE: 3748630

Parameter	Units	50387604002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 819199
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635003, 50387635004, 50387635005, 50387635006

SAMPLE DUPLICATE: 3748595

Parameter	Units	50387673001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.6	1	2	H3

SAMPLE DUPLICATE: 3748596

Parameter	Units	50387731002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.4	1	2	H3

SAMPLE DUPLICATE: 3748597

Parameter	Units	50387731007 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.1	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 818586
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635004, 50387635006

METHOD BLANK: 3745332 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635004, 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/13/24 01:00	

LABORATORY CONTROL SAMPLE: 3745333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.99	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745334 3745335

Parameter	Units	50387604002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	97	98	90-110	1	20	

MATRIX SPIKE SAMPLE: 3745336

Parameter	Units	50387599006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	8.1	5	13.1	101	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 818587
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635003, 50387635005

METHOD BLANK: 3745337 Matrix: Water
Associated Lab Samples: 50387635003, 50387635005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/13/24 01:54	

LABORATORY CONTROL SAMPLE: 3745338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.97	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3745339 3745340

Parameter	Units	50387635003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.89	0.88	89	87	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 820311 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005

METHOD BLANK: 3753930 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/21/24 21:15	

LABORATORY CONTROL SAMPLE: 3753931

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753932 3753933

Parameter	Units	50387599001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.3	10	10	11.6	11.4	93	91	80-120	2	15	

MATRIX SPIKE SAMPLE: 3753934

Parameter	Units	50387599002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	2.0	10	11.2	92	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 820313
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387635006

METHOD BLANK: 3753937 Matrix: Water
Associated Lab Samples: 50387635006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/22/24 02:34	

LABORATORY CONTROL SAMPLE: 3753938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753939 3753940

Parameter	Units	50387673001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.1	10	10	12.1	11.8	100	97	80-120	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753941 3753942

Parameter	Units	50387731002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.7	10	10	12.5	12.5	98	98	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-12D1 **Lab ID: 50387635001** Collected: 11/12/24 11:15 Received: 11/12/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.503 ± 0.528 (1.19) C:NA T:96%**	pCi/L	12/09/24 13:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.512 ± 0.483 (0.992) C:72% T:85%**	pCi/L	12/05/24 15:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.512 ± 1.01 (2.18)**	pCi/L	12/09/24 16:37	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-12D **Lab ID: 50387635002** Collected: 11/12/24 12:50 Received: 11/12/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**2.20 ± 0.929 (1.09) C:NA T:94%**	pCi/L	12/09/24 13:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**2.07 ± 0.740 (1.06) C:69% T:83%**	pCi/L	12/05/24 15:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**4.27 ± 1.67 (2.15)**	pCi/L	12/09/24 16:37	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6S **Lab ID: 50387635003** Collected: 11/12/24 14:30 Received: 11/12/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.136 ± 0.703 (1.40) C:NA T:81%**	pCi/L	12/09/24 13:34	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.398 ± 0.388 (0.793) C:77% T:82%**	pCi/L	12/05/24 15:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.398 ± 1.09 (2.19)**	pCi/L	12/09/24 16:37	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6D **Lab ID: 50387635004** Collected: 11/12/24 13:02 Received: 11/12/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.503 ± 0.506 (0.788) C:NA T:94%**	pCi/L	12/09/24 13:34	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.536 ± 0.402 (0.784) C:76% T:83%**	pCi/L	12/05/24 15:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.04 ± 0.908 (1.57)**	pCi/L	12/09/24 16:37	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-6I **Lab ID: 50387635005** Collected: 11/12/24 14:21 Received: 11/12/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.000 ± 0.592 (1.14) C:NA T:100%**	pCi/L	12/09/24 13:34	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.17 ± 0.491 (0.765) C:73% T:87%**	pCi/L	12/05/24 15:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.17 ± 1.08 (1.91)**	pCi/L	12/09/24 16:37	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Sample: MW-10S **Lab ID: 50387635006** Collected: 11/12/24 10:40 Received: 11/12/24 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.491 ± 0.639 (1.38) C:NA T:92%**	pCi/L	12/09/24 13:34	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.434 ± 0.364 (0.726) C:77% T:93%**	pCi/L	12/05/24 15:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.434 ± 1.00 (2.11)**	pCi/L	12/09/24 16:37	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 710082
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3458011 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.259 ± 0.318 (0.518) C:NA T:100%	pCi/L	12/09/24 13:01	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

QC Batch: 710083
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

METHOD BLANK: 3458012 Matrix: Water
Associated Lab Samples: 50387635001, 50387635002, 50387635003, 50387635004, 50387635005, 50387635006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.308 ± 0.318 (0.652) C:80% T:87%	pCi/L	12/05/24 15:04	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387635001	**MW-12D1**	EPA 9056	819730		
50387635002	**MW-12D**	EPA 9056	819730		
50387635003	**MW-6S**	EPA 9056	819730		
50387635004	**MW-6D**	EPA 9056	819730		
50387635005	**MW-6I**	EPA 9056	819730		
50387635006	**MW-10S**	EPA 9056	819730		
50387635001	**MW-12D1**	EPA 3010	818578	EPA 6010	820629
50387635002	**MW-12D**	EPA 3010	818578	EPA 6010	820629
50387635003	**MW-6S**	EPA 3010	818578	EPA 6010	820629
50387635004	**MW-6D**	EPA 3010	818578	EPA 6010	820629
50387635005	**MW-6I**	EPA 3010	818578	EPA 6010	820629
50387635006	**MW-10S**	EPA 3010	818578	EPA 6010	820629
50387635001	**MW-12D1**	EPA 3010	818585	EPA 6010	820421
50387635002	**MW-12D**	EPA 3010	818585	EPA 6010	820421
50387635003	**MW-6S**	EPA 3010	818585	EPA 6010	820421
50387635004	**MW-6D**	EPA 3010	818585	EPA 6010	820421
50387635005	**MW-6I**	EPA 3010	818585	EPA 6010	820421
50387635006	**MW-10S**	EPA 3010	818585	EPA 6010	820421
50387635001	**MW-12D1**	EPA 200.2	819469	EPA 6020	819922
50387635002	**MW-12D**	EPA 200.2	819469	EPA 6020	819922
50387635003	**MW-6S**	EPA 200.2	819469	EPA 6020	819922
50387635004	**MW-6D**	EPA 200.2	819469	EPA 6020	819922
50387635005	**MW-6I**	EPA 200.2	819469	EPA 6020	819922
50387635006	**MW-10S**	EPA 200.2	819469	EPA 6020	819922
50387635001	**MW-12D1**	EPA 903.1	710082		
50387635002	**MW-12D**	EPA 903.1	710082		
50387635003	**MW-6S**	EPA 903.1	710082		
50387635004	**MW-6D**	EPA 903.1	710082		
50387635005	**MW-6I**	EPA 903.1	710082		
50387635006	**MW-10S**	EPA 903.1	710082		
50387635001	**MW-12D1**	EPA 904.0	710083		
50387635002	**MW-12D**	EPA 904.0	710083		
50387635003	**MW-6S**	EPA 904.0	710083		
50387635004	**MW-6D**	EPA 904.0	710083		
50387635005	**MW-6I**	EPA 904.0	710083		
50387635006	**MW-10S**	EPA 904.0	710083		
50387635001	**MW-12D1**	Total Radium Calculation	714225		
50387635002	**MW-12D**	Total Radium Calculation	714225		
50387635003	**MW-6S**	Total Radium Calculation	714225		
50387635004	**MW-6D**	Total Radium Calculation	714225		
50387635005	**MW-6I**	Total Radium Calculation	714225		
50387635006	**MW-10S**	Total Radium Calculation	714225		
50387635001	**MW-12D1**	SM 2320B	819078		
50387635002	**MW-12D**	SM 2320B	819078		
50387635003	**MW-6S**	SM 2320B	819078		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387635

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387635004	**MW-6D**	SM 2320B	819078		
50387635005	**MW-6I**	SM 2320B	819078		
50387635006	**MW-10S**	SM 2320B	819078		
50387635001	**MW-12D1**	SM 2540C	819135		
50387635002	**MW-12D**	SM 2540C	819135		
50387635003	**MW-6S**	SM 2540C	819135		
50387635004	**MW-6D**	SM 2540C	819135		
50387635005	**MW-6I**	SM 2540C	819135		
50387635006	**MW-10S**	SM 2540C	819135		
50387635001	**MW-12D1**	SM 4500-H+B	819198		
50387635002	**MW-12D**	SM 4500-H+B	819198		
50387635003	**MW-6S**	SM 4500-H+B	819199		
50387635004	**MW-6D**	SM 4500-H+B	819199		
50387635005	**MW-6I**	SM 4500-H+B	819199		
50387635006	**MW-10S**	SM 4500-H+B	819199		
50387635001	**MW-12D1**	EPA 353.2	818586		
50387635002	**MW-12D**	EPA 353.2	818586		
50387635003	**MW-6S**	EPA 353.2	818587		
50387635004	**MW-6D**	EPA 353.2	818586		
50387635005	**MW-6I**	EPA 353.2	818587		
50387635006	**MW-10S**	EPA 353.2	818586		
50387635001	**MW-12D1**	SM 5310C	820311		
50387635002	**MW-12D**	SM 5310C	820311		
50387635003	**MW-6S**	SM 5310C	820311		
50387635004	**MW-6D**	SM 5310C	820311		
50387635005	**MW-6I**	SM 5310C	820311		
50387635006	**MW-10S**	SM 5310C	820313		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387635

50387635

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
MW-12D1	GW	G	11/12/24	1115			10			1	1	1	2	1	1	1	2			001	
MW-12D				1250																002	
MW-6S				1430																003	
MW-6D				1302																004	
MW-6I				1421																005	
MW-10S				1040																006	

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Epler / Mykah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	C	0.0	10.7	10.7	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11-12-24 1610		11/12/24 1610	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] Client [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/12/24 1610 JT

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. **Cooler Temperature(s):** (Initial/Corrected) 10.7/10.7 | 8.9/8.9 | | |
RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** Circle One: Fed Ex UPS Client Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ ~~No~~

(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☐ Bubble Wrap ☑ ~~Bubble Bags~~ ☐ None ☑ ~~Other~~ ziploc bags

6. **Ice Type:** ☑ ~~Wet~~ ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☑ ~~No~~

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrates 3532	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 17:25	
Rush **TAT Requested (4 days or less):**		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Extra labels on Terracore Vials? (soils only)		✓

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC								OTHER									
			MeOH (only)																												Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
			SBS																												Red	Yellow	Green	Black
			DI																														
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2																														✓	✓		
3																														✓	✓		
4																														✓	✓		
5																														✓	✓		
6																														✓	✓		
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

December 10, 2024

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Dear Mr. Breting:

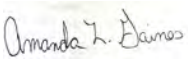
Enclosed are the analytical results for sample(s) received by the laboratory on November 13, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387768001	**MW-13D**	Water	11/13/24 10:10	11/13/24 14:45
50387768002	**MW-13S**	Water	11/13/24 12:40	11/13/24 14:45
50387768003	**MW-7S**	Water	11/13/24 13:55	11/13/24 14:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387768001	**MW-13D**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387768002	**MW-13S**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387768003	**MW-7S**	EPA 9056	DMP1	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387768001	**MW-13D**					
EPA 9056	Chloride	239	mg/L	2.5	11/20/24 03:57	
EPA 9056	Fluoride	0.52	mg/L	0.10	11/20/24 03:40	
EPA 9056	Sulfate	669	mg/L	25.0	11/20/24 04:14	
EPA 6010	Barium	32.0	ug/L	10.0	11/25/24 19:40	
EPA 6010	Boron	13100	ug/L	100	11/25/24 19:40	
EPA 6010	Calcium	257000	ug/L	2000	11/25/24 23:01	
EPA 6010	Iron	2730	ug/L	100	11/25/24 19:40	
EPA 6010	Lithium	67.7	ug/L	20.0	11/25/24 19:40	
EPA 6010	Magnesium	46300	ug/L	1000	11/25/24 19:40	
EPA 6010	Manganese	194	ug/L	10.0	11/25/24 19:40	
EPA 6010	Molybdenum	270	ug/L	10.0	11/25/24 19:40	
EPA 6010	Potassium	16500	ug/L	1000	11/25/24 19:40	
EPA 6010	Sodium	157000	ug/L	1000	11/25/24 19:40	
EPA 6010	Molybdenum, Dissolved	278	ug/L	10.0	11/25/24 18:28	
EPA 6020	Arsenic	224	ug/L	2.0	11/24/24 04:12	
EPA 903.1	Radium-226	0.118 ± 0.399 (0.770) C:NA T:89%	pCi/L		12/10/24 12:46	
EPA 904.0	Radium-228	1.50 ± 0.595 (0.950) C:73% T:89%	pCi/L		12/06/24 14:44	
Total Radium Calculation	Total Radium	1.62 ± 0.994 (1.72)	pCi/L		12/10/24 14:49	
SM 2320B	Alkalinity, Total as CaCO3	247	mg/L	10.0	11/19/24 11:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	247	mg/L	10.0	11/19/24 11:53	
SM 2540C	Total Dissolved Solids	1560	mg/L	40.0	11/19/24 11:41	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/15/24 15:57	H3
SM 5310C	Dissolved Organic Carbon	3.0	mg/L	1.0	11/22/24 07:46	
50387768002	**MW-13S**					
EPA 9056	Chloride	258	mg/L	25.0	11/20/24 05:06	
EPA 9056	Fluoride	0.72	mg/L	0.10	11/20/24 04:31	
EPA 9056	Sulfate	439	mg/L	25.0	11/20/24 05:06	
EPA 6010	Barium	48.3	ug/L	10.0	11/25/24 19:47	
EPA 6010	Boron	7980	ug/L	100	11/25/24 19:47	
EPA 6010	Calcium	195000	ug/L	1000	11/25/24 19:47	
EPA 6010	Iron	1500	ug/L	100	11/25/24 19:47	
EPA 6010	Lithium	56.5	ug/L	20.0	11/25/24 19:47	
EPA 6010	Magnesium	41700	ug/L	1000	11/25/24 19:47	
EPA 6010	Manganese	445	ug/L	10.0	11/25/24 19:47	
EPA 6010	Molybdenum	283	ug/L	10.0	11/25/24 19:47	
EPA 6010	Potassium	13400	ug/L	1000	11/25/24 19:47	
EPA 6010	Sodium	169000	ug/L	1000	11/25/24 19:47	
EPA 6010	Molybdenum, Dissolved	290	ug/L	10.0	11/25/24 18:30	
EPA 6020	Arsenic	296	ug/L	2.0	11/24/24 04:15	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387768002	**MW-13S**					
EPA 903.1	Radium-226	0.574 ± 0.482 (0.689) C:NA T:97%	pCi/L		12/10/24 12:46	
EPA 904.0	Radium-228	1.86 ± 0.632 (0.897) C:78% T:88%	pCi/L		12/06/24 14:44	
Total Radium Calculation	Total Radium	2.43 ± 1.11 (1.59)	pCi/L		12/10/24 14:49	
SM 2320B	Alkalinity, Total as CaCO3	322	mg/L	10.0	11/19/24 11:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	322	mg/L	10.0	11/19/24 11:53	
SM 2540C	Total Dissolved Solids	1320	mg/L	40.0	11/19/24 11:41	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/15/24 16:11	H3
SM 5310C	Dissolved Organic Carbon	3.7	mg/L	1.0	11/22/24 08:03	
50387768003	**MW-7S**					
EPA 9056	Chloride	213	mg/L	25.0	11/20/24 05:57	
EPA 9056	Fluoride	0.54	mg/L	0.10	11/20/24 05:23	
EPA 9056	Sulfate	525	mg/L	25.0	11/20/24 05:57	
EPA 6010	Barium	37.2	ug/L	10.0	11/25/24 19:49	
EPA 6010	Boron	10800	ug/L	100	11/25/24 19:49	
EPA 6010	Calcium	210000	ug/L	2000	11/25/24 23:04	
EPA 6010	Iron	3000	ug/L	100	11/25/24 19:49	
EPA 6010	Lithium	65.6	ug/L	20.0	11/25/24 19:49	
EPA 6010	Magnesium	43200	ug/L	1000	11/25/24 19:49	
EPA 6010	Manganese	366	ug/L	10.0	11/25/24 19:49	
EPA 6010	Molybdenum	371	ug/L	10.0	11/25/24 19:49	
EPA 6010	Potassium	14400	ug/L	1000	11/25/24 19:49	
EPA 6010	Sodium	150000	ug/L	1000	11/25/24 19:49	
EPA 6010	Molybdenum, Dissolved	385	ug/L	10.0	11/25/24 18:32	
EPA 6020	Arsenic	399	ug/L	4.0	11/24/24 04:19	
EPA 903.1	Radium-226	1.27 ± 0.801 (1.11) C:NA T:96%	pCi/L		12/10/24 12:46	
EPA 904.0	Radium-228	2.44 ± 0.707 (0.823) C:75% T:84%	pCi/L		12/06/24 14:44	
Total Radium Calculation	Total Radium	3.71 ± 1.51 (1.93)	pCi/L		12/10/24 14:49	
SM 2320B	Alkalinity, Total as CaCO3	286	mg/L	10.0	11/19/24 11:53	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	286	mg/L	10.0	11/19/24 11:53	
SM 2540C	Total Dissolved Solids	1340	mg/L	40.0	11/19/24 11:41	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/15/24 16:20	H3
SM 5310C	Dissolved Organic Carbon	2.8	mg/L	1.0	11/22/24 08:31	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-13D **Lab ID: 50387768001** Collected: 11/13/24 10:10 Received: 11/13/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**239**	mg/L	2.5	1.3	10		11/20/24 03:57	16887-00-6	
Fluoride	**0.52**	mg/L	0.10	0.016	1		11/20/24 03:40	16984-48-8	
Sulfate	**669**	mg/L	25.0	19.0	100		11/20/24 04:14	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**32.0**	ug/L	10.0	0.68	1	11/20/24 07:28	11/25/24 19:40	7440-39-3	
Boron	**13100**	ug/L	100	5.6	1	11/20/24 07:28	11/25/24 19:40	7440-42-8	
Calcium	**257000**	ug/L	2000	168	2	11/20/24 07:28	11/25/24 23:01	7440-70-2	
Iron	**2730**	ug/L	100	41.0	1	11/20/24 07:28	11/25/24 19:40	7439-89-6	
Lithium	**67.7**	ug/L	20.0	3.8	1	11/20/24 07:28	11/25/24 19:40	7439-93-2	
Magnesium	**46300**	ug/L	1000	53.7	1	11/20/24 07:28	11/25/24 19:40	7439-95-4	
Manganese	**194**	ug/L	10.0	0.77	1	11/20/24 07:28	11/25/24 19:40	7439-96-5	
Molybdenum	**270**	ug/L	10.0	1.4	1	11/20/24 07:28	11/25/24 19:40	7439-98-7	
Potassium	**16500**	ug/L	1000	113	1	11/20/24 07:28	11/25/24 19:40	7440-09-7	
Sodium	**157000**	ug/L	1000	95.0	1	11/20/24 07:28	11/25/24 19:40	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**278**	ug/L	10.0	1.4	1	11/19/24 07:50	11/25/24 18:28	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/20/24 08:52	11/22/24 15:47	7440-36-0	
Arsenic	**224**	ug/L	2.0	0.16	2	11/20/24 08:52	11/24/24 04:12	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/20/24 08:52	11/22/24 15:47	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/20/24 08:52	11/22/24 15:47	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**247**	mg/L	10.0	10.0	1		11/19/24 11:53		
Alkalinity,Bicarbonate (CaCO3)	**247**	mg/L	10.0	10.0	1		11/19/24 11:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/19/24 11:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1560**	mg/L	40.0	40.0	1		11/19/24 11:41		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/15/24 15:57		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-13D **Lab ID: 50387768001** Collected: 11/13/24 10:10 Received: 11/13/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/14/24 02:44	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.0**	mg/L	1.0	0.25	1		11/22/24 07:46		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-13S **Lab ID: 50387768002** Collected: 11/13/24 12:40 Received: 11/13/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**258**	mg/L	25.0	13.0	100		11/20/24 05:06	16887-00-6	
Fluoride	**0.72**	mg/L	0.10	0.016	1		11/20/24 04:31	16984-48-8	
Sulfate	**439**	mg/L	25.0	19.0	100		11/20/24 05:06	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**48.3**	ug/L	10.0	0.68	1	11/20/24 07:28	11/25/24 19:47	7440-39-3	
Boron	**7980**	ug/L	100	5.6	1	11/20/24 07:28	11/25/24 19:47	7440-42-8	
Calcium	**195000**	ug/L	1000	83.9	1	11/20/24 07:28	11/25/24 19:47	7440-70-2	
Iron	**1500**	ug/L	100	41.0	1	11/20/24 07:28	11/25/24 19:47	7439-89-6	
Lithium	**56.5**	ug/L	20.0	3.8	1	11/20/24 07:28	11/25/24 19:47	7439-93-2	
Magnesium	**41700**	ug/L	1000	53.7	1	11/20/24 07:28	11/25/24 19:47	7439-95-4	
Manganese	**445**	ug/L	10.0	0.77	1	11/20/24 07:28	11/25/24 19:47	7439-96-5	
Molybdenum	**283**	ug/L	10.0	1.4	1	11/20/24 07:28	11/25/24 19:47	7439-98-7	
Potassium	**13400**	ug/L	1000	113	1	11/20/24 07:28	11/25/24 19:47	7440-09-7	
Sodium	**169000**	ug/L	1000	95.0	1	11/20/24 07:28	11/25/24 19:47	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**290**	ug/L	10.0	1.4	1	11/19/24 07:50	11/25/24 18:30	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/20/24 08:52	11/22/24 15:54	7440-36-0	
Arsenic	**296**	ug/L	2.0	0.16	2	11/20/24 08:52	11/24/24 04:15	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/20/24 08:52	11/22/24 15:54	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/20/24 08:52	11/22/24 15:54	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**322**	mg/L	10.0	10.0	1		11/19/24 11:53		
Alkalinity,Bicarbonate (CaCO3)	**322**	mg/L	10.0	10.0	1		11/19/24 11:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/19/24 11:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1320**	mg/L	40.0	40.0	1		11/19/24 11:41		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/15/24 16:11		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-13S **Lab ID: 50387768002** Collected: 11/13/24 12:40 Received: 11/13/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/14/24 02:51	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.7**	mg/L	1.0	0.25	1		11/22/24 08:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-7S **Lab ID: 50387768003** Collected: 11/13/24 13:55 Received: 11/13/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**213**	mg/L	25.0	13.0	100		11/20/24 05:57	16887-00-6	
Fluoride	**0.54**	mg/L	0.10	0.016	1		11/20/24 05:23	16984-48-8	
Sulfate	**525**	mg/L	25.0	19.0	100		11/20/24 05:57	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**37.2**	ug/L	10.0	0.68	1	11/20/24 07:28	11/25/24 19:49	7440-39-3	
Boron	**10800**	ug/L	100	5.6	1	11/20/24 07:28	11/25/24 19:49	7440-42-8	
Calcium	**210000**	ug/L	2000	168	2	11/20/24 07:28	11/25/24 23:04	7440-70-2	
Iron	**3000**	ug/L	100	41.0	1	11/20/24 07:28	11/25/24 19:49	7439-89-6	
Lithium	**65.6**	ug/L	20.0	3.8	1	11/20/24 07:28	11/25/24 19:49	7439-93-2	
Magnesium	**43200**	ug/L	1000	53.7	1	11/20/24 07:28	11/25/24 19:49	7439-95-4	
Manganese	**366**	ug/L	10.0	0.77	1	11/20/24 07:28	11/25/24 19:49	7439-96-5	
Molybdenum	**371**	ug/L	10.0	1.4	1	11/20/24 07:28	11/25/24 19:49	7439-98-7	
Potassium	**14400**	ug/L	1000	113	1	11/20/24 07:28	11/25/24 19:49	7440-09-7	
Sodium	**150000**	ug/L	1000	95.0	1	11/20/24 07:28	11/25/24 19:49	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**385**	ug/L	10.0	1.4	1	11/19/24 07:50	11/25/24 18:32	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/20/24 08:52	11/22/24 16:01	7440-36-0	
Arsenic	**399**	ug/L	4.0	0.32	4	11/20/24 08:52	11/24/24 04:19	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/20/24 08:52	11/22/24 16:01	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/20/24 08:52	11/22/24 16:01	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**286**	mg/L	10.0	10.0	1		11/19/24 11:53		
Alkalinity,Bicarbonate (CaCO3)	**286**	mg/L	10.0	10.0	1		11/19/24 11:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/19/24 11:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1340**	mg/L	40.0	40.0	1		11/19/24 11:41		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/15/24 16:20		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-7S **Lab ID: 50387768003** Collected: 11/13/24 13:55 Received: 11/13/24 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/14/24 02:53	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.8**	mg/L	1.0	0.25	1		11/22/24 08:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 819743
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3751342 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/19/24 17:46	
Fluoride	mg/L	ND	0.10	0.016	11/19/24 17:46	
Sulfate	mg/L	ND	0.25	0.19	11/19/24 17:46	

LABORATORY CONTROL SAMPLE: 3751343

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	97	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.9	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751344 3751345

Parameter	Units	50387784005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	225	250	250	437	440	85	86	80-120	1	15	
Fluoride	mg/L	0.63	1	1	1.6	1.6	97	99	80-120	1	15	
Sulfate	mg/L	17.9	5	5	23.8	22.8	118	99	80-120	4	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 818821
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3746555 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/25/24 18:41	
Boron	ug/L	ND	100	5.6	11/25/24 18:41	
Calcium	ug/L	ND	1000	83.9	11/25/24 18:41	
Iron	ug/L	ND	100	41.0	11/25/24 18:41	
Lithium	ug/L	ND	20.0	3.8	11/25/24 18:41	
Magnesium	ug/L	ND	1000	53.7	11/25/24 18:41	
Manganese	ug/L	ND	10.0	0.77	11/25/24 18:41	
Molybdenum	ug/L	ND	10.0	1.4	11/25/24 18:41	
Potassium	ug/L	ND	1000	113	11/25/24 18:41	
Sodium	ug/L	ND	1000	95.0	11/25/24 18:41	

LABORATORY CONTROL SAMPLE: 3746556

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	957	96	80-120	
Boron	ug/L	1000	934	93	80-120	
Calcium	ug/L	10000	9760	98	80-120	
Iron	ug/L	10000	9390	94	80-120	
Lithium	ug/L	1000	967	97	80-120	
Magnesium	ug/L	10000	9380	94	80-120	
Manganese	ug/L	1000	938	94	80-120	
Molybdenum	ug/L	1000	976	98	80-120	
Potassium	ug/L	10000	9610	96	80-120	
Sodium	ug/L	10000	9500	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3746557 3746558

Parameter	Units	50387707008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	216	1000	1000	1180	1170	96	95	75-125	1	20	
Boron	ug/L	144	1000	1000	1090	1080	94	94	75-125	0	20	
Calcium	ug/L	67700	10000	10000	78000	77200	103	95	75-125	1	20	
Iron	ug/L	8460	10000	10000	18500	18200	101	98	75-125	2	20	
Lithium	ug/L	ND	1000	1000	948	946	95	94	75-125	0	20	
Magnesium	ug/L	35100	10000	10000	45100	44600	100	96	75-125	1	20	
Manganese	ug/L	2780	1000	1000	3710	3680	93	90	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	968	966	97	97	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3746557 3746558

Parameter	Units	50387707008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	2580	10000	10000	12500	12400	99	98	75-125	1	20	
Sodium	ug/L	58300	10000	10000	67900	67100	97	88	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 818904
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3746938 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/25/24 17:39	

LABORATORY CONTROL SAMPLE: 3746939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	998	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3746940 3746941

Parameter	Units	50387707008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1020	101	102	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 819702
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3751246 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/22/24 10:39	
Arsenic	ug/L	ND	1.0	0.080	11/22/24 10:39	
Cobalt	ug/L	ND	1.0	0.045	11/22/24 10:39	
Selenium	ug/L	ND	1.0	0.26	11/22/24 10:39	

LABORATORY CONTROL SAMPLE: 3751247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.4	106	80-120	
Arsenic	ug/L	40	39.3	98	80-120	
Cobalt	ug/L	40	41.0	102	80-120	
Selenium	ug/L	40	39.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751248 3751249

Parameter	Units	50387718009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.98J	40	40	42.6	43.4	104	106	75-125	2	20	
Arsenic	ug/L	5.3	40	40	43.8	43.9	96	96	75-125	0	20	
Cobalt	ug/L	0.82J	40	40	39.1	39.1	96	96	75-125	0	20	
Selenium	ug/L	1.5	40	40	40.3	39.8	97	96	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751250 3751251

Parameter	Units	50387718010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	1.5	40	40	43.7	43.9	105	106	75-125	0	20	
Arsenic	ug/L	2.6	40	40	41.1	41.3	96	97	75-125	0	20	
Cobalt	ug/L	0.50J	40	40	38.8	39.3	96	97	75-125	1	20	
Selenium	ug/L	2.9	40	40	42.0	41.3	98	96	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 819686
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3751190 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/19/24 11:53	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/19/24 11:53	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/19/24 11:53	

LABORATORY CONTROL SAMPLE: 3751191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	47.7	95	90-110	

SAMPLE DUPLICATE: 3751193

Parameter	Units	50387768001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	247	248	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	247	248	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3751279

Parameter	Units	50387782004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	398	399	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	398	399	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 819693 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3751215 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/19/24 11:39	

LABORATORY CONTROL SAMPLE: 3751216

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	265	88	80-120	

SAMPLE DUPLICATE: 3751217

Parameter	Units	50387784005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	952	972	2	10	

SAMPLE DUPLICATE: 3751220

Parameter	Units	50388156006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	4300	3330	25	10	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 819200
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

SAMPLE DUPLICATE: 3748621

Parameter	Units	50387733003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.7	6.7	1	2	H3

SAMPLE DUPLICATE: 3748622

Parameter	Units	50387833001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.0	7.2	2	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 818818
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3746545 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/14/24 02:05	

LABORATORY CONTROL SAMPLE: 3746546

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.98	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3746547 3746548

Parameter	Units	50387731002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.99	0.99	98	98	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3746549 3746550

Parameter	Units	50387731007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.80	0.87	80	87	90-110	8	20	M3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 820313
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3753937 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/22/24 02:34	

LABORATORY CONTROL SAMPLE: 3753938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753939 3753940

Parameter	Units	50387673001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.1	10	10	12.1	11.8	100	97	80-120	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753941 3753942

Parameter	Units	50387731002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.7	10	10	12.5	12.5	98	98	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-13D **Lab ID: 50387768001** Collected: 11/13/24 10:10 Received: 11/13/24 14:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.118 ± 0.399 (0.770) C:NA T:89%**	pCi/L	12/10/24 12:46	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.50 ± 0.595 (0.950) C:73% T:89%**	pCi/L	12/06/24 14:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.62 ± 0.994 (1.72)**	pCi/L	12/10/24 14:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-13S **Lab ID: 50387768002** Collected: 11/13/24 12:40 Received: 11/13/24 14:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.574 ± 0.482 (0.689) C:NA T:97%**	pCi/L	12/10/24 12:46	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.86 ± 0.632 (0.897) C:78% T:88%**	pCi/L	12/06/24 14:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.43 ± 1.11 (1.59)**	pCi/L	12/10/24 14:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Sample: MW-7S **Lab ID: 50387768003** Collected: 11/13/24 13:55 Received: 11/13/24 14:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.27 ± 0.801 (1.11) C:NA T:96%**	pCi/L	12/10/24 12:46	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**2.44 ± 0.707 (0.823) C:75% T:84%**	pCi/L	12/06/24 14:44	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.71 ± 1.51 (1.93)**	pCi/L	12/10/24 14:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 710545
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3460189
Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.295 ± 0.336 (0.530) C:NA T:88%	pCi/L	12/10/24 12:34	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

QC Batch: 710546
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387768001, 50387768002, 50387768003

METHOD BLANK: 3460190 Matrix: Water
Associated Lab Samples: 50387768001, 50387768002, 50387768003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.798 ± 0.422 (0.735) C:69% T:88%	pCi/L	12/06/24 14:43	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387768

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387768001	**MW-13D**	EPA 9056	819743		
50387768002	**MW-13S**	EPA 9056	819743		
50387768003	**MW-7S**	EPA 9056	819743		
50387768001	**MW-13D**	EPA 3010	818821	EPA 6010	821002
50387768002	**MW-13S**	EPA 3010	818821	EPA 6010	821002
50387768003	**MW-7S**	EPA 3010	818821	EPA 6010	821002
50387768001	**MW-13D**	EPA 3010	818904	EPA 6010	821001
50387768002	**MW-13S**	EPA 3010	818904	EPA 6010	821001
50387768003	**MW-7S**	EPA 3010	818904	EPA 6010	821001
50387768001	**MW-13D**	EPA 200.2	819702	EPA 6020	820131
50387768002	**MW-13S**	EPA 200.2	819702	EPA 6020	820131
50387768003	**MW-7S**	EPA 200.2	819702	EPA 6020	820131
50387768001	**MW-13D**	EPA 903.1	710545		
50387768002	**MW-13S**	EPA 903.1	710545		
50387768003	**MW-7S**	EPA 903.1	710545		
50387768001	**MW-13D**	EPA 904.0	710546		
50387768002	**MW-13S**	EPA 904.0	710546		
50387768003	**MW-7S**	EPA 904.0	710546		
50387768001	**MW-13D**	Total Radium Calculation	714469		
50387768002	**MW-13S**	Total Radium Calculation	714469		
50387768003	**MW-7S**	Total Radium Calculation	714469		
50387768001	**MW-13D**	SM 2320B	819686		
50387768002	**MW-13S**	SM 2320B	819686		
50387768003	**MW-7S**	SM 2320B	819686		
50387768001	**MW-13D**	SM 2540C	819693		
50387768002	**MW-13S**	SM 2540C	819693		
50387768003	**MW-7S**	SM 2540C	819693		
50387768001	**MW-13D**	SM 4500-H+B	819200		
50387768002	**MW-13S**	SM 4500-H+B	819200		
50387768003	**MW-7S**	SM 4500-H+B	819200		
50387768001	**MW-13D**	EPA 353.2	818818		
50387768002	**MW-13S**	EPA 353.2	818818		
50387768003	**MW-7S**	EPA 353.2	818818		
50387768001	**MW-13D**	SM 5310C	820313		
50387768002	**MW-13S**	SM 5310C	820313		
50387768003	**MW-7S**	SM 5310C	820313		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here

WO# : 50387768

50387768

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES00052		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
MW-13D	GW	G	11/13/24	1010						1	1	1	2	1	1	1	2	
MW-13S	↓	↓	↓	1240						↓	↓	↓	↓	↓	↓	↓	↓	
MW-7S	↓	↓	↓	1355						↓	↓	↓	↓	↓	↓	↓	↓	

Specify Container Size **

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: (Printed Name) Connor Epler
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1		See	SCNR		

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Atlas	11/13/24 1445		11/13/24 14:45

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEx [ ] UPS [ ] Other

Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: LBM 11/13/24 17:37

1. **Courier:** ☐ FED EX ☐ UPS ☑ CLIENT ☐ PACE ☐ NOW/JETT ☐ OTHER _____
2. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
   (If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**
3. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B (C) D E F G H I
4. **Cooler Temperature(s):** 4.5/4.5 | | | |
   (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?:** ☐ Yes ☐ No
   Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	X		
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate/Nitrite	X					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			Present	Absent	N/A
			Residual Chlorine Check (SVOC 625 Pest/PCB 608)			X
Rush TAT Requested (4 days or less):		X	Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Custody Signatures Present?	X		Headspace Wisconsin Sulfide?			X
Containers Intact?:	X		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent X
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X		Trip Blank Present?		X	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:			X

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T		AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit				HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													1				2	1	3	1	1									WT	✓	✓		
2													↓				↓	↓	↓	↓	↓									↓	↓	↓		
3													↓				↓	↓	↓	↓	↓									↓	↓	↓		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Dear Mr. Breting:

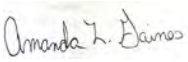
Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387909001	**MW-16D**	Water	11/14/24 14:44	11/14/24 16:50

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387909001	**MW-16D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	CAW	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387909001	**MW-16D**					
EPA 9056	Chloride	151	mg/L	2.5	11/22/24 11:13	
EPA 9056	Fluoride	0.51	mg/L	0.10	11/22/24 10:56	
EPA 9056	Sulfate	458	mg/L	25.0	11/22/24 11:31	
EPA 6010	Barium	252	ug/L	10.0	11/28/24 01:51	
EPA 6010	Boron	1710	ug/L	100	11/28/24 01:51	
EPA 6010	Calcium	227000	ug/L	2000	11/28/24 02:25	
EPA 6010	Iron	12300	ug/L	100	11/28/24 01:51	
EPA 6010	Magnesium	70800	ug/L	1000	11/28/24 01:51	
EPA 6010	Manganese	2730	ug/L	10.0	11/28/24 01:51	
EPA 6010	Molybdenum	12.5	ug/L	10.0	11/28/24 01:51	
EPA 6010	Potassium	3480	ug/L	1000	11/28/24 01:51	
EPA 6010	Sodium	54200	ug/L	1000	11/28/24 01:51	
EPA 6010	Molybdenum, Dissolved	12.5	ug/L	10.0	11/25/24 17:22	
EPA 6020	Arsenic	42.9	ug/L	1.0	11/26/24 00:58	
EPA 903.1	Radium-226	0.327 ± 0.498 (0.857) C:NA T:87%	pCi/L		12/12/24 15:39	
EPA 904.0	Radium-228	1.84 ± 0.635 (0.919) C:75% T:83%	pCi/L		12/11/24 16:28	
Total Radium Calculation	Total Radium	2.17 ± 1.13 (1.78)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	270	mg/L	10.0	11/21/24 14:11	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	248	mg/L	10.0	11/21/24 14:11	
SM 2320B	Alkalinity,Carbonate (CaCO3)	22.4	mg/L	10.0	11/21/24 14:11	
SM 2540C	Total Dissolved Solids	1120	mg/L	20.0	11/20/24 08:15	
SM 4500-H+B	pH at 25 Degrees C	7.0	Std. Units	0.10	11/15/24 17:28	H3
EPA 353.2	Nitrogen, Nitrate	0.14	mg/L	0.10	11/15/24 03:57	
SM 5310C	Dissolved Organic Carbon	5.8	mg/L	1.0	11/27/24 03:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Sample: MW-16D **Lab ID: 50387909001** Collected: 11/14/24 14:44 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**151**	mg/L	2.5	1.3	10		11/22/24 11:13	16887-00-6	
Fluoride	**0.51**	mg/L	0.10	0.016	1		11/22/24 10:56	16984-48-8	
Sulfate	**458**	mg/L	25.0	19.0	100		11/22/24 11:31	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**252**	ug/L	10.0	0.68	1	11/24/24 20:29	11/28/24 01:51	7440-39-3	
Boron	**1710**	ug/L	100	5.6	1	11/24/24 20:29	11/28/24 01:51	7440-42-8	
Calcium	**227000**	ug/L	2000	168	2	11/24/24 20:29	11/28/24 02:25	7440-70-2	
Iron	**12300**	ug/L	100	41.0	1	11/24/24 20:29	11/28/24 01:51	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/24/24 20:29	11/28/24 01:51	7439-93-2	
Magnesium	**70800**	ug/L	1000	53.7	1	11/24/24 20:29	11/28/24 01:51	7439-95-4	
Manganese	**2730**	ug/L	10.0	0.77	1	11/24/24 20:29	11/28/24 01:51	7439-96-5	
Molybdenum	**12.5**	ug/L	10.0	1.4	1	11/24/24 20:29	11/28/24 01:51	7439-98-7	
Potassium	**3480**	ug/L	1000	113	1	11/24/24 20:29	11/28/24 01:51	7440-09-7	
Sodium	**54200**	ug/L	1000	95.0	1	11/24/24 20:29	11/28/24 01:51	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**12.5**	ug/L	10.0	1.4	1	11/21/24 21:22	11/25/24 17:22	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/25/24 09:15	11/26/24 00:58	7440-36-0	
Arsenic	**42.9**	ug/L	1.0	0.080	1	11/25/24 09:15	11/26/24 00:58	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/25/24 09:15	11/26/24 00:58	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/25/24 09:15	11/26/24 00:58	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**270**	mg/L	10.0	10.0	1		11/21/24 14:11		
Alkalinity,Bicarbonate (CaCO3)	**248**	mg/L	10.0	10.0	1		11/21/24 14:11		
Alkalinity,Carbonate (CaCO3)	**22.4**	mg/L	10.0	10.0	1		11/21/24 14:11		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1120**	mg/L	20.0	20.0	1		11/20/24 08:15		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.0**	Std. Units	0.10	0.10	1		11/15/24 17:28		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Sample: MW-16D **Lab ID: 50387909001** Collected: 11/14/24 14:44 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.14**	mg/L	0.10	0.013	1		11/15/24 03:57	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**5.8**	mg/L	1.0	0.25	1		11/27/24 03:32		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 820072
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3752733 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/22/24 09:46	
Fluoride	mg/L	ND	0.10	0.016	11/22/24 09:46	
Sulfate	mg/L	ND	0.25	0.19	11/22/24 09:46	

LABORATORY CONTROL SAMPLE: 3752734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752735 3752736

Parameter	Units	50387936002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	13.1	2.5	2.5	15.4	15.5	92	96	80-120	1	15	
Fluoride	mg/L	3.0	1	1	4.0	4.0	100	101	80-120	0	15	
Sulfate	mg/L	10.3	5	5	14.9	15.0	92	93	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 819825
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50387909001

METHOD BLANK: 3751649 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/28/24 01:00	
Boron	ug/L	ND	100	5.6	11/28/24 01:00	
Calcium	ug/L	ND	1000	83.9	11/28/24 01:00	
Iron	ug/L	ND	100	41.0	11/28/24 01:00	
Lithium	ug/L	ND	20.0	3.8	11/28/24 01:00	
Magnesium	ug/L	ND	1000	53.7	11/28/24 01:00	
Manganese	ug/L	ND	10.0	0.77	11/28/24 01:00	
Molybdenum	ug/L	ND	10.0	1.4	11/28/24 01:00	
Potassium	ug/L	ND	1000	113	11/28/24 01:00	
Sodium	ug/L	ND	1000	95.0	11/28/24 01:00	

LABORATORY CONTROL SAMPLE: 3751650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	973	97	80-120	
Boron	ug/L	1000	995	100	80-120	
Calcium	ug/L	10000	9800	98	80-120	
Iron	ug/L	10000	9600	96	80-120	
Lithium	ug/L	1000	957	96	80-120	
Magnesium	ug/L	10000	9900	99	80-120	
Manganese	ug/L	1000	984	98	80-120	
Molybdenum	ug/L	1000	981	98	80-120	
Potassium	ug/L	10000	9470	95	80-120	
Sodium	ug/L	10000	9470	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751651 3751652

Parameter	Units	50387966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	142	1000	1000	1120	1110	98	97	75-125	1	20	
Boron	ug/L	ND	1000	1000	1080	1070	101	100	75-125	1	20	
Calcium	ug/L	52100	10000	10000	61300	61600	92	96	75-125	1	20	
Iron	ug/L	2210	10000	10000	11700	11600	94	94	75-125	1	20	
Lithium	ug/L	ND	1000	1000	989	971	97	95	75-125	2	20	
Magnesium	ug/L	24600	10000	10000	34300	34200	97	97	75-125	0	20	
Manganese	ug/L	851	1000	1000	1820	1810	97	96	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1000	995	100	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751651 3751652

Parameter	Units	50387966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	1670	10000	10000	11300	11100	97	94	75-125	2	20	
Sodium	ug/L	14000	10000	10000	23300	23200	93	92	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 819788
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3751472 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/25/24 17:14	

LABORATORY CONTROL SAMPLE: 3751473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	943	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751474 3751475

Parameter	Units	50388023001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	168	1000	1000	1110	1130	94	96	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 820706
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3756146 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/26/24 00:29	
Arsenic	ug/L	ND	1.0	0.080	11/26/24 00:29	
Cobalt	ug/L	ND	1.0	0.045	11/26/24 00:29	
Selenium	ug/L	ND	1.0	0.26	11/26/24 00:29	

LABORATORY CONTROL SAMPLE: 3756147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.2	100	80-120	
Arsenic	ug/L	40	38.6	97	80-120	
Cobalt	ug/L	40	40.6	102	80-120	
Selenium	ug/L	40	39.8	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756148 3756149

Parameter	Units	50387934011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<2.0	40	40	40.8	41.0	102	102	75-125	0	20	
Arsenic	ug/L	6.6	40	40	44.3	44.3	94	94	75-125	0	20	
Cobalt	ug/L	<1.0	40	40	38.2	38.2	95	95	75-125	0	20	
Selenium	ug/L	<5.0	40	40	37.6	37.3	94	93	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 819772
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3751437 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/21/24 14:11	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/21/24 14:11	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/21/24 14:11	

LABORATORY CONTROL SAMPLE: 3751438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.4	97	90-110	

SAMPLE DUPLICATE: 3751439

Parameter	Units	50387914001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	135	133	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	135	133	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3751440

Parameter	Units	50387895001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	274	281	3	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	246	253	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	27.2	28.4	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 819947
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3752166 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/20/24 08:00	

LABORATORY CONTROL SAMPLE: 3752167

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	289	96	80-120	

SAMPLE DUPLICATE: 3752168

Parameter	Units	50387914001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	210	212	1	10	

SAMPLE DUPLICATE: 3752169

Parameter	Units	50388135001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	449	445	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 819201
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50387909001

SAMPLE DUPLICATE: 3748623

Parameter	Units	50387966002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.7	6.9	3	2	H3,R1

SAMPLE DUPLICATE: 3748624

Parameter	Units	50387933004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 819104
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3748093 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/15/24 03:48	

LABORATORY CONTROL SAMPLE: 3748094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.96	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748095 3748096

Parameter	Units	50387915002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.96	0.96	95	95	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 821214
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387909001

METHOD BLANK: 3757914 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/27/24 00:51	

LABORATORY CONTROL SAMPLE: 3757915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3757916 3757917

Parameter	Units	50387857001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.7	10	10	11.3	11.3	96	95	80-120	1	15	

MATRIX SPIKE SAMPLE: 3757918

Parameter	Units	50387857002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.6	10	11.0	94	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Sample: MW-16D **Lab ID: 50387909001** Collected: 11/14/24 14:44 Received: 11/14/24 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.327 ± 0.498 (0.857) C:NA T:87%**	pCi/L	12/12/24 15:39	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.84 ± 0.635 (0.919) C:75% T:83%**	pCi/L	12/11/24 16:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.17 ± 1.13 (1.78)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 711095
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387909001

METHOD BLANK: 3463171 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0423 ± 0.219 (0.455) C:NA T:98%	pCi/L	12/12/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

QC Batch: 711096
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387909001

METHOD BLANK: 3463177 Matrix: Water
Associated Lab Samples: 50387909001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.447 ± 0.310 (0.584) C:80% T:89%	pCi/L	12/11/24 16:26	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R3
Pace Project No.: 50387909

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387909001	**MW-16D**	EPA 9056	820072		
50387909001	**MW-16D**	EPA 3010	819825	EPA 6010	821445
50387909001	**MW-16D**	EPA 3010	819788	EPA 6010	820960
50387909001	**MW-16D**	EPA 200.2	820706	EPA 6020	821008
50387909001	**MW-16D**	EPA 903.1	711095		
50387909001	**MW-16D**	EPA 904.0	711096		
50387909001	**MW-16D**	Total Radium Calculation	715134		
50387909001	**MW-16D**	SM 2320B	819772		
50387909001	**MW-16D**	SM 2540C	819947		
50387909001	**MW-16D**	SM 4500-H+B	819201		
50387909001	**MW-16D**	EPA 353.2	819104		
50387909001	**MW-16D**	SM 5310C	821214		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387909

50387909

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R3	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment
MW-16D	GW	G	11-14-24	1444			10			1	1	1	2	1	1	1	2			

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165232

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Mykah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	6	-0.1	3.6	3.5	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11-14-24 1650		11.14.24 1650	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[/] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: CW 11/14/24 1740

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I
2. **Cooler Temperature(s):** 3.6/3.5 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
3. **Courier:** *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other
4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
(If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C
If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate	X	
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time: 17:25	
Rush **TAT Requested (4 days or less):**		X
Custody Signatures Present?	X	
Containers Intact?:	X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **(HNO3 (<2))** **(H2SO4 (<2))** **NaOH (>10)** **NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	X		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
	Present	Absent	No VOA Vials Sent
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			X
Trip Blank Present?		X	
Trip Blank Custody Seals?:			X
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												9				2	1	3											WT	✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Dear Mr. Breting:

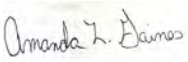
Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50387915001	**MW-7D1**	Water	11/14/24 12:05	11/14/24 16:50
50387915002	**MW-7D**	Water	11/14/24 13:25	11/14/24 16:50
50387915003	**DUP-2**	Water	11/14/24 08:00	11/14/24 16:50
50387915004	**MW-1D**	Water	11/14/24 11:21	11/14/24 16:50
50387915005	**MW-1S**	Water	11/14/24 13:00	11/14/24 16:50

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50387915001	**MW-7D1**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387915002	**MW-7D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387915003	**DUP-2**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387915004	**MW-1D**	EPA 9056	ADM	3	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50387915005	**MW-1S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	YAM	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387915001	**MW-7D1**					
EPA 9056	Chloride	202	mg/L	2.5	11/22/24 12:05	
EPA 9056	Fluoride	0.25	mg/L	0.10	11/22/24 11:48	
EPA 9056	Sulfate	626	mg/L	25.0	11/22/24 12:23	
EPA 6010	Barium	76.9	ug/L	10.0	11/28/24 01:53	
EPA 6010	Boron	14600	ug/L	100	11/28/24 01:53	
EPA 6010	Calcium	237000	ug/L	2000	11/28/24 02:27	
EPA 6010	Iron	2790	ug/L	100	11/28/24 01:53	
EPA 6010	Lithium	110	ug/L	20.0	11/28/24 01:53	
EPA 6010	Magnesium	47400	ug/L	1000	11/28/24 01:53	
EPA 6010	Manganese	398	ug/L	10.0	11/28/24 01:53	
EPA 6010	Molybdenum	475	ug/L	10.0	11/28/24 01:53	
EPA 6010	Potassium	16200	ug/L	1000	11/28/24 01:53	
EPA 6010	Sodium	167000	ug/L	1000	11/28/24 01:53	
EPA 6010	Molybdenum, Dissolved	454	ug/L	10.0	11/25/24 17:24	
EPA 6020	Arsenic	420	ug/L	3.0	11/27/24 13:13	
EPA 903.1	Radium-226	0.971 ± 0.815 (1.28) C:NA T:108%	pCi/L		12/11/24 16:12	
EPA 904.0	Radium-228	1.13 ± 0.484 (0.801) C:79% T:93%	pCi/L		12/10/24 11:41	
Total Radium Calculation	Total Radium	2.10 ± 1.30 (2.08)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	257	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	242	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Carbonate (CaCO3)	15.6	mg/L	10.0	11/22/24 08:24	
SM 2540C	Total Dissolved Solids	1420	mg/L	40.0	11/20/24 08:36	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/15/24 17:10	H3
SM 5310C	Dissolved Organic Carbon	2.9	mg/L	1.0	11/27/24 03:44	
50387915002	**MW-7D**					
EPA 9056	Chloride	188	mg/L	2.5	11/22/24 13:33	
EPA 9056	Fluoride	0.47	mg/L	0.10	11/22/24 13:15	
EPA 9056	Sulfate	563	mg/L	25.0	11/22/24 13:50	
EPA 6010	Barium	41.8	ug/L	10.0	11/28/24 01:55	
EPA 6010	Boron	13400	ug/L	100	11/28/24 01:55	
EPA 6010	Calcium	230000	ug/L	2000	11/28/24 02:29	
EPA 6010	Iron	2410	ug/L	100	11/28/24 01:55	
EPA 6010	Lithium	80.3	ug/L	20.0	11/28/24 01:55	
EPA 6010	Magnesium	46500	ug/L	1000	11/28/24 01:55	
EPA 6010	Manganese	496	ug/L	10.0	11/28/24 01:55	
EPA 6010	Molybdenum	409	ug/L	10.0	11/28/24 01:55	
EPA 6010	Potassium	15400	ug/L	1000	11/28/24 01:55	
EPA 6010	Sodium	160000	ug/L	1000	11/28/24 01:55	
EPA 6010	Molybdenum, Dissolved	395	ug/L	10.0	11/25/24 17:27	
EPA 6020	Arsenic	478	ug/L	3.0	11/27/24 13:17	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387915002	**MW-7D**					
EPA 903.1	Radium-226	-0.0668 ± 0.540 (1.11) C:NA T:92%	pCi/L		12/11/24 16:12	
EPA 904.0	Radium-228	0.733 ± 0.411 (0.755) C:83% T:89%	pCi/L		12/10/24 11:42	
Total Radium Calculation	Total Radium	0.733 ± 0.951 (1.87)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	283	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	272	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Carbonate (CaCO3)	11.2	mg/L	10.0	11/22/24 08:24	
SM 2540C	Total Dissolved Solids	1360	mg/L	40.0	11/20/24 08:36	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/15/24 17:13	H3
SM 5310C	Dissolved Organic Carbon	3.0	mg/L	1.0	11/27/24 04:17	
50387915003	**DUP-2**					
EPA 9056	Chloride	203	mg/L	2.5	11/22/24 14:25	
EPA 9056	Fluoride	0.25	mg/L	0.10	11/22/24 14:07	
EPA 9056	Sulfate	629	mg/L	25.0	11/22/24 14:42	
EPA 6010	Barium	78.0	ug/L	10.0	11/28/24 01:57	
EPA 6010	Boron	15000	ug/L	100	11/28/24 01:57	
EPA 6010	Calcium	241000	ug/L	2000	11/28/24 02:32	
EPA 6010	Iron	2830	ug/L	100	11/28/24 01:57	
EPA 6010	Lithium	111	ug/L	20.0	11/28/24 01:57	
EPA 6010	Magnesium	48100	ug/L	1000	11/28/24 01:57	
EPA 6010	Manganese	401	ug/L	10.0	11/28/24 01:57	
EPA 6010	Molybdenum	481	ug/L	10.0	11/28/24 01:57	
EPA 6010	Potassium	16400	ug/L	1000	11/28/24 01:57	
EPA 6010	Sodium	169000	ug/L	1000	11/28/24 01:57	
EPA 6010	Molybdenum, Dissolved	454	ug/L	10.0	11/25/24 17:29	
EPA 6020	Arsenic	421	ug/L	3.0	11/27/24 13:21	
EPA 903.1	Radium-226	0.872 ± 0.453 (0.158) C:NA T:89%	pCi/L		12/11/24 16:12	
EPA 904.0	Radium-228	1.43 ± 0.523 (0.771) C:80% T:82%	pCi/L		12/10/24 11:42	
Total Radium Calculation	Total Radium	2.30 ± 0.976 (0.929)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	253	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	238	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Carbonate (CaCO3)	15.6	mg/L	10.0	11/22/24 08:24	
SM 2540C	Total Dissolved Solids	1490	mg/L	40.0	11/20/24 08:37	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387915003	**DUP-2**					
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/15/24 17:02	H3
SM 5310C	Dissolved Organic Carbon	2.7	mg/L	1.0	11/27/24 04:29	
50387915004	**MW-1D**					
EPA 9056	Chloride	181	mg/L	2.5	11/22/24 15:17	
EPA 9056	Fluoride	0.36	mg/L	0.10	11/22/24 15:00	
EPA 9056	Sulfate	117	mg/L	2.5	11/22/24 15:17	
EPA 6010	Barium	90.9	ug/L	10.0	11/28/24 01:59	
EPA 6010	Boron	279	ug/L	100	11/28/24 01:59	
EPA 6010	Calcium	89100	ug/L	1000	11/28/24 01:59	
EPA 6010	Iron	1480	ug/L	100	11/28/24 01:59	
EPA 6010	Magnesium	27700	ug/L	1000	11/28/24 01:59	
EPA 6010	Manganese	192	ug/L	10.0	11/28/24 01:59	
EPA 6010	Molybdenum	17.3	ug/L	10.0	11/28/24 01:59	
EPA 6010	Potassium	7320	ug/L	1000	11/28/24 01:59	
EPA 6010	Sodium	125000	ug/L	1000	11/28/24 01:59	
EPA 6010	Molybdenum, Dissolved	16.4	ug/L	10.0	11/25/24 17:31	
EPA 6020	Arsenic	3.5	ug/L	1.0	11/24/24 13:26	
EPA 903.1	Radium-226	0.600 ± 0.604 (0.952) C:NA T:87%	pCi/L		12/11/24 16:12	
EPA 904.0	Radium-228	1.24 ± 0.468 (0.716) C:81% T:87%	pCi/L		12/10/24 11:42	
Total Radium Calculation	Total Radium	1.84 ± 1.07 (1.67)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	258	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	238	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Carbonate (CaCO3)	20.0	mg/L	10.0	11/22/24 08:24	
SM 2540C	Total Dissolved Solids	750	mg/L	20.0	11/20/24 08:37	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/15/24 17:07	H3
SM 5310C	Dissolved Organic Carbon	4.1	mg/L	1.0	11/27/24 04:41	
50387915005	**MW-1S**					
EPA 9056	Chloride	224	mg/L	25.0	11/23/24 18:56	
EPA 9056	Fluoride	0.29	mg/L	0.10	11/22/24 15:34	
EPA 9056	Sulfate	175	mg/L	2.5	11/22/24 15:52	
EPA 6010	Barium	93.9	ug/L	10.0	11/28/24 02:01	
EPA 6010	Boron	538	ug/L	100	11/28/24 02:01	
EPA 6010	Calcium	106000	ug/L	1000	11/28/24 02:01	
EPA 6010	Iron	1940	ug/L	100	11/28/24 02:01	
EPA 6010	Magnesium	31400	ug/L	1000	11/28/24 02:01	
EPA 6010	Manganese	259	ug/L	10.0	11/28/24 02:01	
EPA 6010	Molybdenum	26.6	ug/L	10.0	11/28/24 02:01	
EPA 6010	Potassium	9170	ug/L	1000	11/28/24 02:01	
EPA 6010	Sodium	157000	ug/L	1000	11/28/24 02:01	
EPA 6010	Molybdenum, Dissolved	25.1	ug/L	10.0	11/25/24 17:33	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50387915005	**MW-1S**					
EPA 6020	Arsenic	6.7	ug/L	1.0	11/24/24 13:30	
EPA 903.1	Radium-226	0.447 ± 0.728 (1.25) C:NA T:92%	pCi/L		12/11/24 16:12	
EPA 904.0	Radium-228	2.64 ± 0.752 (0.923) C:77% T:82%	pCi/L		12/10/24 11:42	
Total Radium Calculation	Total Radium	3.09 ± 1.48 (2.17)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	250	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	228	mg/L	10.0	11/22/24 08:24	
SM 2320B	Alkalinity,Carbonate (CaCO3)	21.6	mg/L	10.0	11/22/24 08:24	
SM 2540C	Total Dissolved Solids	856	mg/L	20.0	11/20/24 08:37	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/15/24 17:12	H3
SM 5310C	Dissolved Organic Carbon	4.1	mg/L	1.0	11/27/24 04:53	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-7D1 **Lab ID: 50387915001** Collected: 11/14/24 12:05 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**202**	mg/L	2.5	1.3	10		11/22/24 12:05	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.016	1		11/22/24 11:48	16984-48-8	
Sulfate	**626**	mg/L	25.0	19.0	100		11/22/24 12:23	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**76.9**	ug/L	10.0	0.68	1	11/24/24 20:29	11/28/24 01:53	7440-39-3	
Boron	**14600**	ug/L	100	5.6	1	11/24/24 20:29	11/28/24 01:53	7440-42-8	
Calcium	**237000**	ug/L	2000	168	2	11/24/24 20:29	11/28/24 02:27	7440-70-2	
Iron	**2790**	ug/L	100	41.0	1	11/24/24 20:29	11/28/24 01:53	7439-89-6	
Lithium	**110**	ug/L	20.0	3.8	1	11/24/24 20:29	11/28/24 01:53	7439-93-2	
Magnesium	**47400**	ug/L	1000	53.7	1	11/24/24 20:29	11/28/24 01:53	7439-95-4	
Manganese	**398**	ug/L	10.0	0.77	1	11/24/24 20:29	11/28/24 01:53	7439-96-5	
Molybdenum	**475**	ug/L	10.0	1.4	1	11/24/24 20:29	11/28/24 01:53	7439-98-7	
Potassium	**16200**	ug/L	1000	113	1	11/24/24 20:29	11/28/24 01:53	7440-09-7	
Sodium	**167000**	ug/L	1000	95.0	1	11/24/24 20:29	11/28/24 01:53	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**454**	ug/L	10.0	1.4	1	11/21/24 21:22	11/25/24 17:24	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/23/24 00:05	11/24/24 13:06	7440-36-0	
Arsenic	**420**	ug/L	3.0	0.24	3	11/23/24 00:05	11/27/24 13:13	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/23/24 00:05	11/24/24 13:06	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/23/24 00:05	11/24/24 13:06	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**257**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Bicarbonate (CaCO3)	**242**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Carbonate (CaCO3)	**15.6**	mg/L	10.0	10.0	1		11/22/24 08:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1420**	mg/L	40.0	40.0	1		11/20/24 08:36		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/15/24 17:10		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-7D1 **Lab ID: 50387915001** Collected: 11/14/24 12:05 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/15/24 03:33	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.9**	mg/L	1.0	0.25	1		11/27/24 03:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-7D **Lab ID: 50387915002** Collected: 11/14/24 13:25 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**188**	mg/L	2.5	1.3	10		11/22/24 13:33	16887-00-6	
Fluoride	**0.47**	mg/L	0.10	0.016	1		11/22/24 13:15	16984-48-8	
Sulfate	**563**	mg/L	25.0	19.0	100		11/22/24 13:50	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**41.8**	ug/L	10.0	0.68	1	11/24/24 20:29	11/28/24 01:55	7440-39-3	
Boron	**13400**	ug/L	100	5.6	1	11/24/24 20:29	11/28/24 01:55	7440-42-8	
Calcium	**230000**	ug/L	2000	168	2	11/24/24 20:29	11/28/24 02:29	7440-70-2	
Iron	**2410**	ug/L	100	41.0	1	11/24/24 20:29	11/28/24 01:55	7439-89-6	
Lithium	**80.3**	ug/L	20.0	3.8	1	11/24/24 20:29	11/28/24 01:55	7439-93-2	
Magnesium	**46500**	ug/L	1000	53.7	1	11/24/24 20:29	11/28/24 01:55	7439-95-4	
Manganese	**496**	ug/L	10.0	0.77	1	11/24/24 20:29	11/28/24 01:55	7439-96-5	
Molybdenum	**409**	ug/L	10.0	1.4	1	11/24/24 20:29	11/28/24 01:55	7439-98-7	
Potassium	**15400**	ug/L	1000	113	1	11/24/24 20:29	11/28/24 01:55	7440-09-7	
Sodium	**160000**	ug/L	1000	95.0	1	11/24/24 20:29	11/28/24 01:55	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**395**	ug/L	10.0	1.4	1	11/21/24 21:22	11/25/24 17:27	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/23/24 00:05	11/24/24 13:18	7440-36-0	
Arsenic	**478**	ug/L	3.0	0.24	3	11/23/24 00:05	11/27/24 13:17	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/23/24 00:05	11/24/24 13:18	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/23/24 00:05	11/24/24 13:18	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**283**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Bicarbonate (CaCO3)	**272**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Carbonate (CaCO3)	**11.2**	mg/L	10.0	10.0	1		11/22/24 08:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1360**	mg/L	40.0	40.0	1		11/20/24 08:36		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/15/24 17:13		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-7D **Lab ID: 50387915002** Collected: 11/14/24 13:25 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/15/24 03:51	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.0**	mg/L	1.0	0.25	1		11/27/24 04:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: DUP-2 **Lab ID: 50387915003** Collected: 11/14/24 08:00 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**203**	mg/L	2.5	1.3	10		11/22/24 14:25	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.016	1		11/22/24 14:07	16984-48-8	
Sulfate	**629**	mg/L	25.0	19.0	100		11/22/24 14:42	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**78.0**	ug/L	10.0	0.68	1	11/24/24 20:29	11/28/24 01:57	7440-39-3	
Boron	**15000**	ug/L	100	5.6	1	11/24/24 20:29	11/28/24 01:57	7440-42-8	
Calcium	**241000**	ug/L	2000	168	2	11/24/24 20:29	11/28/24 02:32	7440-70-2	
Iron	**2830**	ug/L	100	41.0	1	11/24/24 20:29	11/28/24 01:57	7439-89-6	
Lithium	**111**	ug/L	20.0	3.8	1	11/24/24 20:29	11/28/24 01:57	7439-93-2	
Magnesium	**48100**	ug/L	1000	53.7	1	11/24/24 20:29	11/28/24 01:57	7439-95-4	
Manganese	**401**	ug/L	10.0	0.77	1	11/24/24 20:29	11/28/24 01:57	7439-96-5	
Molybdenum	**481**	ug/L	10.0	1.4	1	11/24/24 20:29	11/28/24 01:57	7439-98-7	
Potassium	**16400**	ug/L	1000	113	1	11/24/24 20:29	11/28/24 01:57	7440-09-7	
Sodium	**169000**	ug/L	1000	95.0	1	11/24/24 20:29	11/28/24 01:57	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**454**	ug/L	10.0	1.4	1	11/21/24 21:22	11/25/24 17:29	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/23/24 00:05	11/24/24 13:22	7440-36-0	
Arsenic	**421**	ug/L	3.0	0.24	3	11/23/24 00:05	11/27/24 13:21	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/23/24 00:05	11/24/24 13:22	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/23/24 00:05	11/24/24 13:22	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**253**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Bicarbonate (CaCO3)	**238**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Carbonate (CaCO3)	**15.6**	mg/L	10.0	10.0	1		11/22/24 08:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1490**	mg/L	40.0	40.0	1		11/20/24 08:37		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/15/24 17:02		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: DUP-2 **Lab ID: 50387915003** Collected: 11/14/24 08:00 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/15/24 03:12	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.7**	mg/L	1.0	0.25	1		11/27/24 04:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-1D **Lab ID: 50387915004** Collected: 11/14/24 11:21 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**181**	mg/L	2.5	1.3	10		11/22/24 15:17	16887-00-6	
Fluoride	**0.36**	mg/L	0.10	0.016	1		11/22/24 15:00	16984-48-8	
Sulfate	**117**	mg/L	2.5	1.9	10		11/22/24 15:17	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**90.9**	ug/L	10.0	0.68	1	11/24/24 20:29	11/28/24 01:59	7440-39-3	
Boron	**279**	ug/L	100	5.6	1	11/24/24 20:29	11/28/24 01:59	7440-42-8	
Calcium	**89100**	ug/L	1000	83.9	1	11/24/24 20:29	11/28/24 01:59	7440-70-2	
Iron	**1480**	ug/L	100	41.0	1	11/24/24 20:29	11/28/24 01:59	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/24/24 20:29	11/28/24 01:59	7439-93-2	
Magnesium	**27700**	ug/L	1000	53.7	1	11/24/24 20:29	11/28/24 01:59	7439-95-4	
Manganese	**192**	ug/L	10.0	0.77	1	11/24/24 20:29	11/28/24 01:59	7439-96-5	
Molybdenum	**17.3**	ug/L	10.0	1.4	1	11/24/24 20:29	11/28/24 01:59	7439-98-7	
Potassium	**7320**	ug/L	1000	113	1	11/24/24 20:29	11/28/24 01:59	7440-09-7	
Sodium	**125000**	ug/L	1000	95.0	1	11/24/24 20:29	11/28/24 01:59	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**16.4**	ug/L	10.0	1.4	1	11/21/24 21:22	11/25/24 17:31	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/23/24 00:05	11/24/24 13:26	7440-36-0	
Arsenic	**3.5**	ug/L	1.0	0.080	1	11/23/24 00:05	11/24/24 13:26	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/23/24 00:05	11/24/24 13:26	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/23/24 00:05	11/24/24 13:26	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**258**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Bicarbonate (CaCO3)	**238**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Carbonate (CaCO3)	**20.0**	mg/L	10.0	10.0	1		11/22/24 08:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**750**	mg/L	20.0	20.0	1		11/20/24 08:37		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/15/24 17:07		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-1D **Lab ID: 50387915004** Collected: 11/14/24 11:21 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/15/24 03:20	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.1**	mg/L	1.0	0.25	1		11/27/24 04:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-1S **Lab ID: 50387915005** Collected: 11/14/24 13:00 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**224**	mg/L	25.0	13.0	100		11/23/24 18:56	16887-00-6	
Fluoride	**0.29**	mg/L	0.10	0.016	1		11/22/24 15:34	16984-48-8	
Sulfate	**175**	mg/L	2.5	1.9	10		11/22/24 15:52	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**93.9**	ug/L	10.0	0.68	1	11/24/24 20:29	11/28/24 02:01	7440-39-3	
Boron	**538**	ug/L	100	5.6	1	11/24/24 20:29	11/28/24 02:01	7440-42-8	
Calcium	**106000**	ug/L	1000	83.9	1	11/24/24 20:29	11/28/24 02:01	7440-70-2	
Iron	**1940**	ug/L	100	41.0	1	11/24/24 20:29	11/28/24 02:01	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/24/24 20:29	11/28/24 02:01	7439-93-2	
Magnesium	**31400**	ug/L	1000	53.7	1	11/24/24 20:29	11/28/24 02:01	7439-95-4	
Manganese	**259**	ug/L	10.0	0.77	1	11/24/24 20:29	11/28/24 02:01	7439-96-5	
Molybdenum	**26.6**	ug/L	10.0	1.4	1	11/24/24 20:29	11/28/24 02:01	7439-98-7	
Potassium	**9170**	ug/L	1000	113	1	11/24/24 20:29	11/28/24 02:01	7440-09-7	
Sodium	**157000**	ug/L	1000	95.0	1	11/24/24 20:29	11/28/24 02:01	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**25.1**	ug/L	10.0	1.4	1	11/21/24 21:22	11/25/24 17:33	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/23/24 00:05	11/24/24 13:30	7440-36-0	
Arsenic	**6.7**	ug/L	1.0	0.080	1	11/23/24 00:05	11/24/24 13:30	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/23/24 00:05	11/24/24 13:30	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/23/24 00:05	11/24/24 13:30	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**250**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Bicarbonate (CaCO3)	**228**	mg/L	10.0	10.0	1		11/22/24 08:24		
Alkalinity,Carbonate (CaCO3)	**21.6**	mg/L	10.0	10.0	1		11/22/24 08:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**856**	mg/L	20.0	20.0	1		11/20/24 08:37		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/15/24 17:12		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-1S **Lab ID: 50387915005** Collected: 11/14/24 13:00 Received: 11/14/24 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/15/24 03:42	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.1**	mg/L	1.0	0.25	1		11/27/24 04:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 820072
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3752733 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/22/24 09:46	
Fluoride	mg/L	ND	0.10	0.016	11/22/24 09:46	
Sulfate	mg/L	ND	0.25	0.19	11/22/24 09:46	

LABORATORY CONTROL SAMPLE: 3752734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752735 3752736

Parameter	Units	50387936002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	13.1	2.5	2.5	15.4	15.5	92	96	80-120	1	15	
Fluoride	mg/L	3.0	1	1	4.0	4.0	100	101	80-120	0	15	
Sulfate	mg/L	10.3	5	5	14.9	15.0	92	93	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 819825
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3751649 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/28/24 01:00	
Boron	ug/L	ND	100	5.6	11/28/24 01:00	
Calcium	ug/L	ND	1000	83.9	11/28/24 01:00	
Iron	ug/L	ND	100	41.0	11/28/24 01:00	
Lithium	ug/L	ND	20.0	3.8	11/28/24 01:00	
Magnesium	ug/L	ND	1000	53.7	11/28/24 01:00	
Manganese	ug/L	ND	10.0	0.77	11/28/24 01:00	
Molybdenum	ug/L	ND	10.0	1.4	11/28/24 01:00	
Potassium	ug/L	ND	1000	113	11/28/24 01:00	
Sodium	ug/L	ND	1000	95.0	11/28/24 01:00	

LABORATORY CONTROL SAMPLE: 3751650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	973	97	80-120	
Boron	ug/L	1000	995	100	80-120	
Calcium	ug/L	10000	9800	98	80-120	
Iron	ug/L	10000	9600	96	80-120	
Lithium	ug/L	1000	957	96	80-120	
Magnesium	ug/L	10000	9900	99	80-120	
Manganese	ug/L	1000	984	98	80-120	
Molybdenum	ug/L	1000	981	98	80-120	
Potassium	ug/L	10000	9470	95	80-120	
Sodium	ug/L	10000	9470	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751651 3751652

Parameter	Units	50387966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	142	1000	1000	1120	1110	98	97	75-125	1	20	
Boron	ug/L	ND	1000	1000	1080	1070	101	100	75-125	1	20	
Calcium	ug/L	52100	10000	10000	61300	61600	92	96	75-125	1	20	
Iron	ug/L	2210	10000	10000	11700	11600	94	94	75-125	1	20	
Lithium	ug/L	ND	1000	1000	989	971	97	95	75-125	2	20	
Magnesium	ug/L	24600	10000	10000	34300	34200	97	97	75-125	0	20	
Manganese	ug/L	851	1000	1000	1820	1810	97	96	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1000	995	100	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751651 3751652

Parameter	Units	50387966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	1670	10000	10000	11300	11100	97	94	75-125	2	20	
Sodium	ug/L	14000	10000	10000	23300	23200	93	92	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 819788
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3751472 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/25/24 17:14	

LABORATORY CONTROL SAMPLE: 3751473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	943	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751474 3751475

Parameter	Units	50388023001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	168	1000	1000	1110	1130	94	96	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 820520
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3755006 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/24/24 12:54	
Arsenic	ug/L	ND	1.0	0.080	11/24/24 12:54	
Cobalt	ug/L	ND	1.0	0.045	11/24/24 12:54	
Selenium	ug/L	ND	1.0	0.26	11/24/24 12:54	

LABORATORY CONTROL SAMPLE: 3755007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	37.8	94	80-120	
Arsenic	ug/L	40	38.8	97	80-120	
Cobalt	ug/L	40	41.3	103	80-120	
Selenium	ug/L	40	39.4	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755008 3755009

Parameter	Units	50387916023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.23J	40	40	21.5	16.2	53	40	75-125	28	20	M3,R1
Arsenic	ug/L	11.5	40	40	30.6	24.7	48	33	75-125	21	20	M3,R1
Cobalt	ug/L	8.8	40	40	45.2	48.0	91	98	75-125	6	20	
Selenium	ug/L	2.6	40	40	16.9	11.6	36	23	75-125	37	20	M3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 820323 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3754018 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 08:24	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 08:24	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 08:24	

LABORATORY CONTROL SAMPLE: 3754019

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.3	99	90-110	

SAMPLE DUPLICATE: 3754020

Parameter	Units	50387975001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	231	234	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	213	216	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	18.0	18.0	0	20	

SAMPLE DUPLICATE: 3754021

Parameter	Units	50387915005 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	250	250	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	228	230	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	21.6	20.0	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 819948 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3752170 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/20/24 08:34	

LABORATORY CONTROL SAMPLE: 3752171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	286	95	80-120	

SAMPLE DUPLICATE: 3752172

Parameter	Units	50387936002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	374	391	4	10	

SAMPLE DUPLICATE: 3752173

Parameter	Units	50387914004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	277	278	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 819201
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

SAMPLE DUPLICATE: 3748623

Parameter	Units	50387966002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.7	6.9	3	2	H3,R1

SAMPLE DUPLICATE: 3748624

Parameter	Units	50387933004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 819103 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3748088 Matrix: Water
Associated Lab Samples: 50387915001, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/15/24 04:15	

LABORATORY CONTROL SAMPLE: 3748089

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.98	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748090 3748091

Parameter	Units	50387856005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	3.6	5	5	8.4	8.6	96	100	90-110	3	20	

MATRIX SPIKE SAMPLE: 3748092

Parameter	Units	50387915004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	0.97	96	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 819104
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915002

METHOD BLANK: 3748093 Matrix: Water
Associated Lab Samples: 50387915002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/15/24 03:48	

LABORATORY CONTROL SAMPLE: 3748094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.96	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3748095 3748096

Parameter	Units	50387915002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.96	0.96	95	95	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 821214 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3757914 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	11/27/24 00:51	

LABORATORY CONTROL SAMPLE: 3757915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3757916 3757917

Parameter	Units	50387857001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.7	10	10	11.3	11.3	96	95	80-120	1	15	

MATRIX SPIKE SAMPLE: 3757918

Parameter	Units	50387857002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.6	10	11.0	94	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-7D1 **Lab ID: 50387915001** Collected: 11/14/24 12:05 Received: 11/14/24 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.971 ± 0.815 (1.28) C:NA T:108%**	pCi/L	12/11/24 16:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.13 ± 0.484 (0.801) C:79% T:93%**	pCi/L	12/10/24 11:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.10 ± 1.30 (2.08)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-7D **Lab ID: 50387915002** Collected: 11/14/24 13:25 Received: 11/14/24 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0668 ± 0.540 (1.11) C:NA T:92%**	pCi/L	12/11/24 16:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.733 ± 0.411 (0.755) C:83% T:89%**	pCi/L	12/10/24 11:42	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.733 ± 0.951 (1.87)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: DUP-2 **Lab ID: 50387915003** Collected: 11/14/24 08:00 Received: 11/14/24 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.872 ± 0.453 (0.158) C:NA T:89%**	pCi/L	12/11/24 16:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.43 ± 0.523 (0.771) C:80% T:82%**	pCi/L	12/10/24 11:42	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.30 ± 0.976 (0.929)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-1D **Lab ID: 50387915004** Collected: 11/14/24 11:21 Received: 11/14/24 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.600 ± 0.604 (0.952) C:NA T:87%**	pCi/L	12/11/24 16:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.24 ± 0.468 (0.716) C:81% T:87%**	pCi/L	12/10/24 11:42	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.84 ± 1.07 (1.67)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Sample: MW-1S **Lab ID: 50387915005** Collected: 11/14/24 13:00 Received: 11/14/24 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.447 ± 0.728 (1.25) C:NA T:92%**	pCi/L	12/11/24 16:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**2.64 ± 0.752 (0.923) C:77% T:82%**	pCi/L	12/10/24 11:42	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.09 ± 1.48 (2.17)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 710902
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3462198
Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.945 ± 0.363 (0.522) C:80% T:93%	pCi/L	12/10/24 11:41	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

QC Batch: 710901
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

METHOD BLANK: 3462197 Matrix: Water
Associated Lab Samples: 50387915001, 50387915002, 50387915003, 50387915004, 50387915005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.339 (0.716) C:NA T:94%	pCi/L	12/16/24 11:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387915001	**MW-7D1**	EPA 9056	820072		
50387915002	**MW-7D**	EPA 9056	820072		
50387915003	**DUP-2**	EPA 9056	820072		
50387915004	**MW-1D**	EPA 9056	820072		
50387915005	**MW-1S**	EPA 9056	820072		
50387915001	**MW-7D1**	EPA 3010	819825	EPA 6010	821445
50387915002	**MW-7D**	EPA 3010	819825	EPA 6010	821445
50387915003	**DUP-2**	EPA 3010	819825	EPA 6010	821445
50387915004	**MW-1D**	EPA 3010	819825	EPA 6010	821445
50387915005	**MW-1S**	EPA 3010	819825	EPA 6010	821445
50387915001	**MW-7D1**	EPA 3010	819788	EPA 6010	820960
50387915002	**MW-7D**	EPA 3010	819788	EPA 6010	820960
50387915003	**DUP-2**	EPA 3010	819788	EPA 6010	820960
50387915004	**MW-1D**	EPA 3010	819788	EPA 6010	820960
50387915005	**MW-1S**	EPA 3010	819788	EPA 6010	820960
50387915001	**MW-7D1**	EPA 200.2	820520	EPA 6020	820748
50387915002	**MW-7D**	EPA 200.2	820520	EPA 6020	820748
50387915003	**DUP-2**	EPA 200.2	820520	EPA 6020	820748
50387915004	**MW-1D**	EPA 200.2	820520	EPA 6020	820748
50387915005	**MW-1S**	EPA 200.2	820520	EPA 6020	820748
50387915001	**MW-7D1**	EPA 903.1	710901		
50387915002	**MW-7D**	EPA 903.1	710901		
50387915003	**DUP-2**	EPA 903.1	710901		
50387915004	**MW-1D**	EPA 903.1	710901		
50387915005	**MW-1S**	EPA 903.1	710901		
50387915001	**MW-7D1**	EPA 904.0	710902		
50387915002	**MW-7D**	EPA 904.0	710902		
50387915003	**DUP-2**	EPA 904.0	710902		
50387915004	**MW-1D**	EPA 904.0	710902		
50387915005	**MW-1S**	EPA 904.0	710902		
50387915001	**MW-7D1**	Total Radium Calculation	715722		
50387915002	**MW-7D**	Total Radium Calculation	715722		
50387915003	**DUP-2**	Total Radium Calculation	715722		
50387915004	**MW-1D**	Total Radium Calculation	715722		
50387915005	**MW-1S**	Total Radium Calculation	715722		
50387915001	**MW-7D1**	SM 2320B	820323		
50387915002	**MW-7D**	SM 2320B	820323		
50387915003	**DUP-2**	SM 2320B	820323		
50387915004	**MW-1D**	SM 2320B	820323		
50387915005	**MW-1S**	SM 2320B	820323		
50387915001	**MW-7D1**	SM 2540C	819948		
50387915002	**MW-7D**	SM 2540C	819948		
50387915003	**DUP-2**	SM 2540C	819948		
50387915004	**MW-1D**	SM 2540C	819948		
50387915005	**MW-1S**	SM 2540C	819948		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50387915

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50387915001	**MW-7D1**	SM 4500-H+B	819201		
50387915002	**MW-7D**	SM 4500-H+B	819201		
50387915003	**DUP-2**	SM 4500-H+B	819201		
50387915004	**MW-1D**	SM 4500-H+B	819201		
50387915005	**MW-1S**	SM 4500-H+B	819201		
50387915001	**MW-7D1**	EPA 353.2	819103		
50387915002	**MW-7D**	EPA 353.2	819104		
50387915003	**DUP-2**	EPA 353.2	819103		
50387915004	**MW-1D**	EPA 353.2	819103		
50387915005	**MW-1S**	EPA 353.2	819103		
50387915001	**MW-7D1**	SM 5310C	821214		
50387915002	**MW-7D**	SM 5310C	821214		
50387915003	**DUP-2**	SM 5310C	821214		
50387915004	**MW-1D**	SM 5310C	821214		
50387915005	**MW-1S**	SM 5310C	821214		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50387915

50387915

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment
MW-7D1	GW	G	11/14/24	1205			10			1	1	1	2	1	1	1	2			001
MW-7D	"	"	"	1325			"			"	"	"	"	"	"	"	"			002
DUP-2	"	"	"	—			"			"	"	"	"	"	"	"	"			003
MW-1D	"	"	"	1121			"			"	"	"	"	"	"	"	"			004
MW-1S	"	"	"	1300			"			"	"	"	"	"	"	"	"			005

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Epler / Mykal Breffeiman
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	B	0.0	3.6	3.6	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11-14-24 1650	Pace	11/14/24 1650	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/14/24 · 1728 EM

1. Thermometer: 1 2 3 4 5 6 7 8 9 A (B) C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 3.6/3.6 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Courier: *Circle One* (Fed Ex) UPS Client Pace Now/Jett Other

4. Custody Seal on Cooler/Box Present: ☐ Yes ☐ No

(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**

5. Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. Ice Type: ☑ Wet ☐ Blue ☐ None

7. Was the PM notified of out of temp cooler? ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 18:45	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
	Present	Absent	No VOA Vials Sent
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

| | | |

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Dear Mr. Breting:

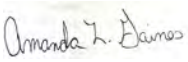
Enclosed are the analytical results for sample(s) received by the laboratory on November 15, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388047001	**MW-15I**	Water	11/15/24 13:00	11/15/24 16:00
50388047002	**MW-15D**	Water	11/15/24 10:32	11/15/24 16:00
50388047003	**MW-15D MS**	Water	11/15/24 10:32	11/15/24 16:00
50388047004	**MW-15D MSD**	Water	11/15/24 10:32	11/15/24 16:00
50388047005	**MW-14IL**	Water	11/15/24 14:20	11/15/24 16:00
50388047006	**MW-14D1**	Water	11/15/24 13:20	11/15/24 16:00
50388047007	**MW-11D**	Water	11/15/24 11:30	11/15/24 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388047001	**MW-15I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388047002	**MW-15D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388047003	**MW-15D MS**	EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
50388047004	**MW-15D MSD**	EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
50388047005	**MW-14IL**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388047006	**MW-14D1**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388047007	**MW-11D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388047001	**MW-15I**					
EPA 9056	Chloride	23.9	mg/L	2.5	11/26/24 12:00	
EPA 9056	Sulfate	45.8	mg/L	2.5	11/26/24 12:00	
EPA 6010	Barium	73.5	ug/L	10.0	11/22/24 10:15	
EPA 6010	Boron	109	ug/L	100	11/22/24 10:15	
EPA 6010	Calcium	115000	ug/L	1000	11/22/24 10:15	
EPA 6010	Magnesium	31300	ug/L	1000	11/22/24 10:15	
EPA 6010	Manganese	20.7	ug/L	10.0	11/22/24 10:15	
EPA 6010	Potassium	1500	ug/L	1000	11/22/24 10:15	
EPA 6010	Sodium	15800	ug/L	1000	11/22/24 10:15	
EPA 6020	Cobalt	1.0	ug/L	1.0	11/27/24 09:38	
EPA 6020	Selenium	2.4	ug/L	1.0	11/27/24 09:38	
EPA 903.1	Radium-226	0.526 ± 0.598 (0.974) C:NA T:91%	pCi/L		12/11/24 15:52	
EPA 904.0	Radium-228	0.904 ± 0.448 (0.774) C:78% T:78%	pCi/L		12/10/24 11:41	
Total Radium Calculation	Total Radium	1.43 ± 1.05 (1.75)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	364	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	364	mg/L	10.0	11/22/24 01:25	
SM 2540C	Total Dissolved Solids	479	mg/L	10.0	11/20/24 11:56	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/19/24 15:08	H3
EPA 353.2	Nitrogen, Nitrate	3.2	mg/L	0.10	11/16/24 02:28	
SM 5310C	Dissolved Organic Carbon	2.5	mg/L	1.0	12/02/24 21:00	
50388047002	**MW-15D**					
EPA 9056	Chloride	21.3	mg/L	0.25	11/26/24 12:17	
EPA 9056	Sulfate	62.6	mg/L	2.5	11/26/24 12:34	
EPA 6010	Barium	72.9	ug/L	10.0	11/22/24 10:18	
EPA 6010	Boron	146	ug/L	100	11/22/24 10:18	
EPA 6010	Calcium	107000	ug/L	1000	11/22/24 10:18	
EPA 6010	Iron	1290	ug/L	100	11/22/24 10:18	
EPA 6010	Magnesium	31900	ug/L	1000	11/22/24 10:18	
EPA 6010	Manganese	114	ug/L	10.0	11/22/24 10:18	
EPA 6010	Potassium	2070	ug/L	1000	11/22/24 10:18	
EPA 6010	Sodium	19100	ug/L	1000	11/22/24 10:18	
EPA 6020	Arsenic	1.3	ug/L	1.0	11/27/24 09:50	
EPA 903.1	Radium-226	0.380 ± 0.458 (0.754) C:NA T:90%	pCi/L		12/11/24 15:52	
EPA 904.0	Radium-228	0.724 ± 0.441 (0.833) C:80% T:85%	pCi/L		12/10/24 11:40	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388047002	**MW-15D**					
Total Radium Calculation	Total Radium	1.10 ± 0.899 (1.59)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	349	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	338	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Carbonate (CaCO3)	11.6	mg/L	10.0	11/22/24 01:25	
SM 2540C	Total Dissolved Solids	451	mg/L	10.0	11/20/24 11:57	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/19/24 14:59	H3
SM 5310C	Dissolved Organic Carbon	2.9	mg/L	1.0	12/02/24 21:10	
50388047003	**MW-15D MS**					
EPA 903.1	Radium-226	93.01 %REC ± NA (NA) C:NA T:NA	pCi/L		12/11/24 15:52	
EPA 904.0	Radium-228	99.12 %REC ± NA (NA) C:NA T:NA	pCi/L		12/10/24 11:41	
50388047004	**MW-15D MSD**					
EPA 903.1	Radium-226	95.32 %REC 2.46RPD ± NA (NA) C:NA T:NA	pCi/L		12/11/24 15:52	
EPA 904.0	Radium-228	104.43 %REC 5.21RPD ± NA (NA) C:NA T:NA	pCi/L		12/10/24 11:41	
50388047005	**MW-14IL**					
EPA 9056	Chloride	154	mg/L	2.5	11/26/24 14:52	
EPA 9056	Fluoride	0.24	mg/L	0.10	11/26/24 14:34	
EPA 9056	Sulfate	101	mg/L	2.5	11/26/24 14:52	
EPA 6010	Barium	403	ug/L	10.0	11/22/24 10:28	
EPA 6010	Boron	185	ug/L	100	11/22/24 10:28	
EPA 6010	Calcium	99400	ug/L	1000	11/22/24 10:28	
EPA 6010	Iron	5900	ug/L	100	11/22/24 10:28	
EPA 6010	Magnesium	25600	ug/L	1000	11/22/24 10:28	
EPA 6010	Manganese	284	ug/L	10.0	11/22/24 10:28	
EPA 6010	Potassium	3300	ug/L	1000	11/22/24 10:28	
EPA 6010	Sodium	85900	ug/L	1000	11/22/24 10:28	
EPA 6020	Arsenic	23.7	ug/L	1.0	11/27/24 10:18	
EPA 903.1	Radium-226	1.58 ± 0.672 (0.609) C:NA T:100%	pCi/L		12/11/24 15:52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388047005	**MW-14IL**					
EPA 904.0	Radium-228	1.27 ± 0.526 (0.877) C:79% T:85%	pCi/L		12/10/24 11:41	
Total Radium Calculation	Total Radium	2.85 ± 1.20 (1.49)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	263	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	263	mg/L	10.0	11/22/24 01:25	
SM 2540C	Total Dissolved Solids	627	mg/L	10.0	11/20/24 12:02	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/19/24 15:26	H3
SM 5310C	Dissolved Organic Carbon	3.7	mg/L	1.0	12/02/24 21:42	
50388047006	**MW-14D1**					
EPA 9056	Chloride	129	mg/L	2.5	11/26/24 15:26	
EPA 9056	Fluoride	0.23	mg/L	0.10	11/26/24 15:09	
EPA 9056	Sulfate	75.6	mg/L	2.5	11/26/24 15:26	
EPA 6010	Barium	385	ug/L	10.0	11/22/24 10:30	
EPA 6010	Boron	203	ug/L	100	11/22/24 10:30	
EPA 6010	Calcium	98900	ug/L	1000	11/22/24 10:30	
EPA 6010	Iron	5750	ug/L	100	11/22/24 10:30	
EPA 6010	Magnesium	25800	ug/L	1000	11/22/24 10:30	
EPA 6010	Manganese	156	ug/L	10.0	11/22/24 10:30	
EPA 6010	Potassium	3480	ug/L	1000	11/22/24 10:30	
EPA 6010	Sodium	69600	ug/L	1000	11/22/24 10:30	
EPA 6020	Arsenic	26.6	ug/L	1.0	11/27/24 10:22	
EPA 903.1	Radium-226	1.10 ± 0.921 (1.45) C:NA T:100%	pCi/L		12/11/24 15:52	
EPA 904.0	Radium-228	1.39 ± 0.564 (0.927) C:79% T:84%	pCi/L		12/10/24 11:41	
Total Radium Calculation	Total Radium	2.49 ± 1.49 (2.38)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	273	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	257	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Carbonate (CaCO3)	16.0	mg/L	10.0	11/22/24 01:25	
SM 2540C	Total Dissolved Solids	565	mg/L	10.0	11/21/24 09:03	
SM 4500-H+B	pH at 25 Degrees C	6.8	Std. Units	0.10	11/19/24 15:04	H3
SM 5310C	Dissolved Organic Carbon	3.5	mg/L	1.0	12/02/24 22:06	
50388047007	**MW-11D**					
EPA 9056	Chloride	76.3	mg/L	2.5	11/26/24 16:00	
EPA 9056	Fluoride	0.38	mg/L	0.10	11/26/24 15:43	
EPA 9056	Sulfate	515	mg/L	25.0	11/26/24 16:18	
EPA 6010	Barium	23.8	ug/L	10.0	11/22/24 10:32	
EPA 6010	Boron	10100	ug/L	100	11/22/24 10:32	
EPA 6010	Calcium	211000	ug/L	2000	11/22/24 11:04	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388047007	**MW-11D**					
EPA 6010	Iron	5110	ug/L	100	11/22/24 10:32	
EPA 6010	Lithium	133	ug/L	20.0	11/22/24 10:32	
EPA 6010	Magnesium	48400	ug/L	1000	11/22/24 10:32	
EPA 6010	Manganese	36.3	ug/L	10.0	11/22/24 10:32	
EPA 6010	Potassium	2840	ug/L	1000	11/22/24 10:32	
EPA 6010	Sodium	69300	ug/L	1000	11/22/24 10:32	
EPA 6020	Arsenic	15.9	ug/L	1.0	11/27/24 10:26	
EPA 903.1	Radium-226	0.0523 ± 0.470 (0.911) C:NA T:101%	pCi/L		12/11/24 15:52	
EPA 904.0	Radium-228	1.15 ± 0.519 (0.884) C:75% T:86%	pCi/L		12/10/24 11:41	
Total Radium Calculation	Total Radium	1.20 ± 0.989 (1.80)	pCi/L		12/16/24 16:45	
SM 2320B	Alkalinity, Total as CaCO3	261	mg/L	10.0	11/22/24 01:25	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	261	mg/L	10.0	11/22/24 01:25	
SM 2540C	Total Dissolved Solids	1140	mg/L	20.0	11/21/24 09:03	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/19/24 15:12	H3
SM 5310C	Dissolved Organic Carbon	2.8	mg/L	1.0	12/02/24 22:23	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15I **Lab ID: 50388047001** Collected: 11/15/24 13:00 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**23.9**	mg/L	2.5	1.3	10		11/26/24 12:00	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		11/26/24 11:43	16984-48-8	
Sulfate	**45.8**	mg/L	2.5	1.9	10		11/26/24 12:00	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**73.5**	ug/L	10.0	0.68	1	11/21/24 21:02	11/22/24 10:15	7440-39-3	
Boron	**109**	ug/L	100	5.6	1	11/21/24 21:02	11/22/24 10:15	7440-42-8	
Calcium	**115000**	ug/L	1000	83.9	1	11/21/24 21:02	11/22/24 10:15	7440-70-2	
Iron	ND	ug/L	100	41.0	1	11/21/24 21:02	11/22/24 10:15	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/21/24 21:02	11/22/24 10:15	7439-93-2	
Magnesium	**31300**	ug/L	1000	53.7	1	11/21/24 21:02	11/22/24 10:15	7439-95-4	
Manganese	**20.7**	ug/L	10.0	0.77	1	11/21/24 21:02	11/22/24 10:15	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/21/24 21:02	11/22/24 10:15	7439-98-7	
Potassium	**1500**	ug/L	1000	113	1	11/21/24 21:02	11/22/24 10:15	7440-09-7	
Sodium	**15800**	ug/L	1000	95.0	1	11/21/24 21:02	11/22/24 10:15	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/20/24 19:10	11/21/24 18:37	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 09:38	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 09:38	7440-38-2	
Cobalt	**1.0**	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 09:38	7440-48-4	
Selenium	**2.4**	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 09:38	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**364**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	**364**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**479**	mg/L	10.0	10.0	1		11/20/24 11:56		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/19/24 15:08		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15I **Lab ID: 50388047001** Collected: 11/15/24 13:00 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**3.2**	mg/L	0.10	0.013	1		11/16/24 02:28	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.5**	mg/L	1.0	0.25	1		12/02/24 21:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15D **Lab ID: 50388047002** Collected: 11/15/24 10:32 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**21.3**	mg/L	0.25	0.13	1		11/26/24 12:17	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		11/26/24 12:17	16984-48-8	
Sulfate	**62.6**	mg/L	2.5	1.9	10		11/26/24 12:34	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**72.9**	ug/L	10.0	0.68	1	11/21/24 21:02	11/22/24 10:18	7440-39-3	
Boron	**146**	ug/L	100	5.6	1	11/21/24 21:02	11/22/24 10:18	7440-42-8	
Calcium	**107000**	ug/L	1000	83.9	1	11/21/24 21:02	11/22/24 10:18	7440-70-2	
Iron	**1290**	ug/L	100	41.0	1	11/21/24 21:02	11/22/24 10:18	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/21/24 21:02	11/22/24 10:18	7439-93-2	
Magnesium	**31900**	ug/L	1000	53.7	1	11/21/24 21:02	11/22/24 10:18	7439-95-4	
Manganese	**114**	ug/L	10.0	0.77	1	11/21/24 21:02	11/22/24 10:18	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/21/24 21:02	11/22/24 10:18	7439-98-7	
Potassium	**2070**	ug/L	1000	113	1	11/21/24 21:02	11/22/24 10:18	7440-09-7	
Sodium	**19100**	ug/L	1000	95.0	1	11/21/24 21:02	11/22/24 10:18	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/20/24 19:10	11/21/24 18:40	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 09:50	7440-36-0	
Arsenic	**1.3**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 09:50	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 09:50	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 09:50	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**349**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	**338**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	**11.6**	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**451**	mg/L	10.0	10.0	1		11/20/24 11:57		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/19/24 14:59		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15D **Lab ID: 50388047002** Collected: 11/15/24 10:32 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/16/24 01:58	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.9**	mg/L	1.0	0.25	1		12/02/24 21:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-14IL **Lab ID: 50388047005** Collected: 11/15/24 14:20 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**154**	mg/L	2.5	1.3	10		11/26/24 14:52	16887-00-6	
Fluoride	**0.24**	mg/L	0.10	0.016	1		11/26/24 14:34	16984-48-8	
Sulfate	**101**	mg/L	2.5	1.9	10		11/26/24 14:52	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**403**	ug/L	10.0	0.68	1	11/21/24 21:02	11/22/24 10:28	7440-39-3	
Boron	**185**	ug/L	100	5.6	1	11/21/24 21:02	11/22/24 10:28	7440-42-8	
Calcium	**99400**	ug/L	1000	83.9	1	11/21/24 21:02	11/22/24 10:28	7440-70-2	
Iron	**5900**	ug/L	100	41.0	1	11/21/24 21:02	11/22/24 10:28	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/21/24 21:02	11/22/24 10:28	7439-93-2	
Magnesium	**25600**	ug/L	1000	53.7	1	11/21/24 21:02	11/22/24 10:28	7439-95-4	
Manganese	**284**	ug/L	10.0	0.77	1	11/21/24 21:02	11/22/24 10:28	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/21/24 21:02	11/22/24 10:28	7439-98-7	
Potassium	**3300**	ug/L	1000	113	1	11/21/24 21:02	11/22/24 10:28	7440-09-7	
Sodium	**85900**	ug/L	1000	95.0	1	11/21/24 21:02	11/22/24 10:28	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/20/24 19:10	11/21/24 18:55	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 10:18	7440-36-0	
Arsenic	**23.7**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 10:18	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 10:18	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 10:18	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**263**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	**263**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**627**	mg/L	10.0	10.0	1		11/20/24 12:02		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/19/24 15:26		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-14IL **Lab ID: 50388047005** Collected: 11/15/24 14:20 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/16/24 02:52	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.7**	mg/L	1.0	0.25	1		12/02/24 21:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-14D1 **Lab ID: 50388047006** Collected: 11/15/24 13:20 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**129**	mg/L	2.5	1.3	10		11/26/24 15:26	16887-00-6	
Fluoride	**0.23**	mg/L	0.10	0.016	1		11/26/24 15:09	16984-48-8	
Sulfate	**75.6**	mg/L	2.5	1.9	10		11/26/24 15:26	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**385**	ug/L	10.0	0.68	1	11/21/24 21:02	11/22/24 10:30	7440-39-3	
Boron	**203**	ug/L	100	5.6	1	11/21/24 21:02	11/22/24 10:30	7440-42-8	
Calcium	**98900**	ug/L	1000	83.9	1	11/21/24 21:02	11/22/24 10:30	7440-70-2	
Iron	**5750**	ug/L	100	41.0	1	11/21/24 21:02	11/22/24 10:30	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/21/24 21:02	11/22/24 10:30	7439-93-2	
Magnesium	**25800**	ug/L	1000	53.7	1	11/21/24 21:02	11/22/24 10:30	7439-95-4	
Manganese	**156**	ug/L	10.0	0.77	1	11/21/24 21:02	11/22/24 10:30	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/21/24 21:02	11/22/24 10:30	7439-98-7	
Potassium	**3480**	ug/L	1000	113	1	11/21/24 21:02	11/22/24 10:30	7440-09-7	
Sodium	**69600**	ug/L	1000	95.0	1	11/21/24 21:02	11/22/24 10:30	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/20/24 19:10	11/21/24 18:57	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 10:22	7440-36-0	
Arsenic	**26.6**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 10:22	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 10:22	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 10:22	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**273**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	**257**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	**16.0**	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**565**	mg/L	10.0	10.0	1		11/21/24 09:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**6.8**	Std. Units	0.10	0.10	1		11/19/24 15:04		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-14D1 **Lab ID: 50388047006** Collected: 11/15/24 13:20 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/16/24 03:11	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.5**	mg/L	1.0	0.25	1		12/02/24 22:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-11D **Lab ID: 50388047007** Collected: 11/15/24 11:30 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**76.3**	mg/L	2.5	1.3	10		11/26/24 16:00	16887-00-6	
Fluoride	**0.38**	mg/L	0.10	0.016	1		11/26/24 15:43	16984-48-8	
Sulfate	**515**	mg/L	25.0	19.0	100		11/26/24 16:18	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**23.8**	ug/L	10.0	0.68	1	11/21/24 21:02	11/22/24 10:32	7440-39-3	
Boron	**10100**	ug/L	100	5.6	1	11/21/24 21:02	11/22/24 10:32	7440-42-8	
Calcium	**211000**	ug/L	2000	168	2	11/21/24 21:02	11/22/24 11:04	7440-70-2	
Iron	**5110**	ug/L	100	41.0	1	11/21/24 21:02	11/22/24 10:32	7439-89-6	
Lithium	**133**	ug/L	20.0	3.8	1	11/21/24 21:02	11/22/24 10:32	7439-93-2	
Magnesium	**48400**	ug/L	1000	53.7	1	11/21/24 21:02	11/22/24 10:32	7439-95-4	
Manganese	**36.3**	ug/L	10.0	0.77	1	11/21/24 21:02	11/22/24 10:32	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/21/24 21:02	11/22/24 10:32	7439-98-7	
Potassium	**2840**	ug/L	1000	113	1	11/21/24 21:02	11/22/24 10:32	7440-09-7	
Sodium	**69300**	ug/L	1000	95.0	1	11/21/24 21:02	11/22/24 10:32	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/20/24 19:10	11/21/24 18:59	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 10:26	7440-36-0	
Arsenic	**15.9**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 10:26	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 10:26	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 10:26	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**261**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	**261**	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1140**	mg/L	20.0	20.0	1		11/21/24 09:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/19/24 15:12		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-11D **Lab ID: 50388047007** Collected: 11/15/24 11:30 Received: 11/15/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/16/24 02:07	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.8**	mg/L	1.0	0.25	1		12/02/24 22:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 820386
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3754335 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/26/24 10:46	
Fluoride	mg/L	ND	0.10	0.016	11/26/24 10:46	
Sulfate	mg/L	ND	0.25	0.19	11/26/24 10:46	

LABORATORY CONTROL SAMPLE: 3754336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754337 3754338

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	21.3	2.5	2.5	23.7	23.8	98	98	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.0	1.0	95	95	80-120	0	15	
Sulfate	mg/L	62.6	50	50	106	107	87	88	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 820354
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3754177 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	11/22/24 09:50	
Boron	ug/L	ND	100	5.6	11/22/24 09:50	
Calcium	ug/L	ND	1000	83.9	11/22/24 09:50	
Iron	ug/L	ND	100	41.0	11/22/24 09:50	
Lithium	ug/L	ND	20.0	3.8	11/22/24 09:50	
Magnesium	ug/L	ND	1000	53.7	11/22/24 09:50	
Manganese	ug/L	ND	10.0	0.77	11/22/24 09:50	
Molybdenum	ug/L	ND	10.0	1.4	11/22/24 09:50	
Potassium	ug/L	ND	1000	113	11/22/24 09:50	
Sodium	ug/L	ND	1000	95.0	11/22/24 09:50	

LABORATORY CONTROL SAMPLE: 3754178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	960	96	80-120	
Boron	ug/L	1000	897	90	80-120	
Calcium	ug/L	10000	9490	95	80-120	
Iron	ug/L	10000	9330	93	80-120	
Lithium	ug/L	1000	946	95	80-120	
Magnesium	ug/L	10000	9070	91	80-120	
Manganese	ug/L	1000	940	94	80-120	
Molybdenum	ug/L	1000	960	96	80-120	
Potassium	ug/L	10000	9300	93	80-120	
Sodium	ug/L	10000	9160	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754179 3754180

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	72.9	1000	1000	1000	1020	93	95	75-125	2	20	
Boron	ug/L	146	1000	1000	1050	1070	91	93	75-125	2	20	
Calcium	ug/L	107000	10000	10000	112000	115000	52	84	75-125	3	20	P6
Iron	ug/L	1290	10000	10000	10300	10600	90	93	75-125	3	20	
Lithium	ug/L	ND	1000	1000	920	957	91	95	75-125	4	20	
Magnesium	ug/L	31900	10000	10000	39600	40700	77	88	75-125	3	20	
Manganese	ug/L	114	1000	1000	1030	1050	91	94	75-125	3	20	
Molybdenum	ug/L	ND	1000	1000	948	977	95	97	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754179 3754180

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	2070	10000	10000	11000	11400	89	93	75-125	4	20	
Sodium	ug/L	19100	10000	10000	27100	28000	80	89	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 819961
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3752214 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/21/24 17:58	

LABORATORY CONTROL SAMPLE: 3752215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	949	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752216 3752217

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	979	983	98	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 820875
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3756694 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/27/24 09:30	
Arsenic	ug/L	ND	1.0	0.080	11/27/24 09:30	
Cobalt	ug/L	ND	1.0	0.045	11/27/24 09:30	
Selenium	ug/L	ND	1.0	0.26	11/27/24 09:30	

LABORATORY CONTROL SAMPLE: 3756695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.3	103	80-120	
Arsenic	ug/L	40	38.7	97	80-120	
Cobalt	ug/L	40	41.8	104	80-120	
Selenium	ug/L	40	39.1	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756696 3756697

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	39.8	42.0	99	105	75-125	5	20	
Arsenic	ug/L	1.3	40	40	39.8	39.5	96	95	75-125	1	20	
Cobalt	ug/L	ND	40	40	39.4	39.7	98	99	75-125	1	20	
Selenium	ug/L	ND	40	40	40.2	39.9	100	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 820445 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3754632 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 01:25	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 01:25	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 01:25	

LABORATORY CONTROL SAMPLE: 3754633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.6	97	90-110	

SAMPLE DUPLICATE: 3754634

Parameter	Units	50388047002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	353	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	338	337	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	11.6	16.0	32	20	R1

SAMPLE DUPLICATE: 3754635

Parameter	Units	50388433007 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	407	412	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	391	390	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	16.0	22.4	33	20	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 819954
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002

METHOD BLANK: 3752190 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/20/24 11:48	

LABORATORY CONTROL SAMPLE: 3752191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	274	91	80-120	

SAMPLE DUPLICATE: 3752192

Parameter	Units	50388014012 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1380	1360	2	10	

SAMPLE DUPLICATE: 3752193

Parameter	Units	50388047002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	451	455	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 820016
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047005

METHOD BLANK: 3752410 Matrix: Water
Associated Lab Samples: 50388047005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/20/24 12:01	

LABORATORY CONTROL SAMPLE: 3752411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	255	85	80-120	

SAMPLE DUPLICATE: 3752412

Parameter	Units	50388047005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	627	622	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 820239
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047006, 50388047007

METHOD BLANK: 3753514 Matrix: Water
Associated Lab Samples: 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/21/24 09:01	

LABORATORY CONTROL SAMPLE: 3753515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	289	96	80-120	

SAMPLE DUPLICATE: 3753516

Parameter	Units	50388047007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1140	1060	7	10	

SAMPLE DUPLICATE: 3753517

Parameter	Units	50388076001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	546	530	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 819766
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

SAMPLE DUPLICATE: 3751433

Parameter	Units	50388047002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.5	4	2	H3,R1

SAMPLE DUPLICATE: 3751434

Parameter	Units	50388249001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.6	3	2	H3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 819318
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047002, 50388047007

METHOD BLANK: 3749465 Matrix: Water
Associated Lab Samples: 50388047002, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/16/24 01:28	

LABORATORY CONTROL SAMPLE: 3749466

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3749467 3749468

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.1	1.1	101	101	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3749469 3749470

Parameter	Units	50388053003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	11.9	25	25	38.0	38.4	105	106	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 819319
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047005, 50388047006

METHOD BLANK: 3749471 Matrix: Water
Associated Lab Samples: 50388047001, 50388047005, 50388047006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/16/24 02:24	

LABORATORY CONTROL SAMPLE: 3749472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3749473 3749474

Parameter	Units	50388047006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	101	100	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 821621
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3760236 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047005, 50388047006, 50388047007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/02/24 18:41	

LABORATORY CONTROL SAMPLE: 3760237

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3760238 3760239

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.9	10	10	11.6	11.9	87	91	80-120	3	15	

MATRIX SPIKE SAMPLE: 3760240

Parameter	Units	50388047005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	3.7	10	13.1	94	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15I **Lab ID: 50388047001** Collected: 11/15/24 13:00 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.526 ± 0.598 (0.974) C:NA T:91%**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.904 ± 0.448 (0.774) C:78% T:78%**	pCi/L	12/10/24 11:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.43 ± 1.05 (1.75)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15D **Lab ID: 50388047002** Collected: 11/15/24 10:32 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.380 ± 0.458 (0.754) C:NA T:90%**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.724 ± 0.441 (0.833) C:80% T:85%**	pCi/L	12/10/24 11:40	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.10 ± 0.899 (1.59)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15D MS **Lab ID: 50388047003** Collected: 11/15/24 10:32 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**93.01 %REC ± NA (NA) C:NA T:NA**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**99.12 %REC ± NA (NA) C:NA T:NA**	pCi/L	12/10/24 11:41	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-15D MSD **Lab ID: 50388047004** Collected: 11/15/24 10:32 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**95.32 %REC 2.46RPD ± NA (NA) C:NA T:NA**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**104.43 %REC 5.21RPD ± NA (NA) C:NA T:NA**	pCi/L	12/10/24 11:41	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-14IL **Lab ID: 50388047005** Collected: 11/15/24 14:20 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.58 ± 0.672 (0.609) C:NA T:100%**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.27 ± 0.526 (0.877) C:79% T:85%**	pCi/L	12/10/24 11:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.85 ± 1.20 (1.49)**	pCi/L	12/16/24 16:45	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-14D1 **Lab ID: 50388047006** Collected: 11/15/24 13:20 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.10 ± 0.921 (1.45) C:NA T:100%**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.39 ± 0.564 (0.927) C:79% T:84%**	pCi/L	12/10/24 11:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.49 ± 1.49 (2.38)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Sample: MW-11D **Lab ID: 50388047007** Collected: 11/15/24 11:30 Received: 11/15/24 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0523 ± 0.470 (0.911) C:NA T:101%**	pCi/L	12/11/24 15:52	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.15 ± 0.519 (0.884) C:75% T:86%**	pCi/L	12/10/24 11:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.20 ± 0.989 (1.80)**	pCi/L	12/16/24 16:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 710902 | Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 | Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388047001, 50388047002, 50388047003, 50388047004, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3462198 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047003, 50388047004, 50388047005, 50388047006, 50388047007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.945 ± 0.363 (0.522) C:80% T:93%	pCi/L	12/10/24 11:41	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

QC Batch: 710901
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388047001, 50388047002, 50388047003, 50388047004, 50388047005, 50388047006, 50388047007

METHOD BLANK: 3462197 Matrix: Water
Associated Lab Samples: 50388047001, 50388047002, 50388047003, 50388047004, 50388047005, 50388047006, 50388047007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.339 (0.716) C:NA T:94%	pCi/L	12/16/24 11:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388047001	**MW-15I**	EPA 9056	820386		
50388047002	**MW-15D**	EPA 9056	820386		
50388047005	**MW-14IL**	EPA 9056	820386		
50388047006	**MW-14D1**	EPA 9056	820386		
50388047007	**MW-11D**	EPA 9056	820386		
50388047001	**MW-15I**	EPA 3010	820354	EPA 6010	820533
50388047002	**MW-15D**	EPA 3010	820354	EPA 6010	820533
50388047005	**MW-14IL**	EPA 3010	820354	EPA 6010	820533
50388047006	**MW-14D1**	EPA 3010	820354	EPA 6010	820533
50388047007	**MW-11D**	EPA 3010	820354	EPA 6010	820533
50388047001	**MW-15I**	EPA 3010	819961	EPA 6010	820373
50388047002	**MW-15D**	EPA 3010	819961	EPA 6010	820373
50388047005	**MW-14IL**	EPA 3010	819961	EPA 6010	820373
50388047006	**MW-14D1**	EPA 3010	819961	EPA 6010	820373
50388047007	**MW-11D**	EPA 3010	819961	EPA 6010	820373
50388047001	**MW-15I**	EPA 200.2	820875	EPA 6020	821257
50388047002	**MW-15D**	EPA 200.2	820875	EPA 6020	821257
50388047005	**MW-14IL**	EPA 200.2	820875	EPA 6020	821257
50388047006	**MW-14D1**	EPA 200.2	820875	EPA 6020	821257
50388047007	**MW-11D**	EPA 200.2	820875	EPA 6020	821257
50388047001	**MW-15I**	EPA 903.1	710901		
50388047002	**MW-15D**	EPA 903.1	710901		
50388047003	**MW-15D MS**	EPA 903.1	710901		
50388047004	**MW-15D MSD**	EPA 903.1	710901		
50388047005	**MW-14IL**	EPA 903.1	710901		
50388047006	**MW-14D1**	EPA 903.1	710901		
50388047007	**MW-11D**	EPA 903.1	710901		
50388047001	**MW-15I**	EPA 904.0	710902		
50388047002	**MW-15D**	EPA 904.0	710902		
50388047003	**MW-15D MS**	EPA 904.0	710902		
50388047004	**MW-15D MSD**	EPA 904.0	710902		
50388047005	**MW-14IL**	EPA 904.0	710902		
50388047006	**MW-14D1**	EPA 904.0	710902		
50388047007	**MW-11D**	EPA 904.0	710902		
50388047001	**MW-15I**	Total Radium Calculation	715722		
50388047002	**MW-15D**	Total Radium Calculation	715722		
50388047005	**MW-14IL**	Total Radium Calculation	715722		
50388047006	**MW-14D1**	Total Radium Calculation	715722		
50388047007	**MW-11D**	Total Radium Calculation	715722		
50388047001	**MW-15I**	SM 2320B	820445		
50388047002	**MW-15D**	SM 2320B	820445		
50388047005	**MW-14IL**	SM 2320B	820445		
50388047006	**MW-14D1**	SM 2320B	820445		
50388047007	**MW-11D**	SM 2320B	820445		
50388047001	**MW-15I**	SM 2540C	819954		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50388047

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388047002	**MW-15D**	SM 2540C	819954		
50388047005	**MW-14IL**	SM 2540C	820016		
50388047006	**MW-14D1**	SM 2540C	820239		
50388047007	**MW-11D**	SM 2540C	820239		
50388047001	**MW-15I**	SM 4500-H+B	819766		
50388047002	**MW-15D**	SM 4500-H+B	819766		
50388047005	**MW-14IL**	SM 4500-H+B	819766		
50388047006	**MW-14D1**	SM 4500-H+B	819766		
50388047007	**MW-11D**	SM 4500-H+B	819766		
50388047001	**MW-15I**	EPA 353.2	819319		
50388047002	**MW-15D**	EPA 353.2	819318		
50388047005	**MW-14IL**	EPA 353.2	819319		
50388047006	**MW-14D1**	EPA 353.2	819319		
50388047007	**MW-11D**	EPA 353.2	819318		
50388047001	**MW-15I**	SM 5310C	821621		
50388047002	**MW-15D**	SM 5310C	821621		
50388047005	**MW-14IL**	SM 5310C	821621		
50388047006	**MW-14D1**	SM 5310C	821621		
50388047007	**MW-11D**	SM 5310C	821621		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50388047

50388047

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
MW-15I	GW	G	11-15-24	1300			10			1	1	1	2	1	1	1	2	
MW-15D				1032														
MS-2				↓														
MSD-2				↓														
MW-14IL				1420														
MW-14D2				1320														
MW-11D	↓	↓	↓	1130			↓											

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/68**
Prelog / Bottle Ord. ID: **EZ 3165220**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection

Collected By:
(Printed Name) Mykah Bertram / Connor Epler
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	B	0	3.6	3.6	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	11/15/24	PACE	11/15/24 1600	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: TW 11/15/24 1655

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I
2. **Cooler Temperature(s):** 3.6/3.6 | 2.8/2.8 | 3.1/3.1 | (Initial/Corrected)
   RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)
3. **Courier:** Fed Ex UPS (Client) Pace Now/Jett Other (Circle One)
4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No
   (If yes)**Seals Intact:** ☐ Yes ☐ No (leave blank if no seals were present)
5. **Packing Material:** ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
6. **Ice Type:** ☑ Wet ☐ Blue ☐ None
7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
   Cooler temp should be above freezing to 6°C
   If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate/Subout	✓					
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A
Rush **TAT Requested (4 days or less):**		✓	Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Custody Signatures Present?	✓		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Containers Intact?:	✓		Trip Blank Present?		✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER						
COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T		AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	
1													2				2	1	3	1	1									WT	
2													6				6	3	9	3	3										
3																															
4																															
5													2				2	1	3	1	1										
6													↓				↓	↓	↓	↓	↓									↓	
7													↓				↓	↓	↓	↓	↓									↓	
8																															
9																															
10																															
11																															
12																															

	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
	Red	Yellow	Green	Black
Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Dear Mr. Breting:

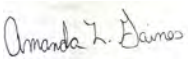
Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388249001	**MW-16S**	Water	11/18/24 11:33	11/18/24 16:14
50388249002	**Dup-8**	Water	11/18/24 08:00	11/18/24 16:14

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388249001	**MW-16S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388249002	**Dup-8**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388249001	**MW-16S**					
EPA 9056	Chloride	115	mg/L	2.5	11/25/24 14:28	
EPA 9056	Fluoride	0.51	mg/L	0.10	11/25/24 14:10	
EPA 9056	Sulfate	82.9	mg/L	2.5	11/25/24 14:28	
EPA 6010	Barium	60.6	ug/L	10.0	12/01/24 20:36	
EPA 6010	Boron	337	ug/L	100	12/01/24 20:36	
EPA 6010	Calcium	85700	ug/L	1000	12/01/24 20:36	
EPA 6010	Lithium	20.6	ug/L	20.0	12/01/24 20:36	
EPA 6010	Magnesium	20300	ug/L	1000	12/01/24 20:36	
EPA 6010	Manganese	428	ug/L	10.0	12/01/24 20:36	
EPA 6010	Molybdenum	181	ug/L	10.0	12/01/24 20:36	
EPA 6010	Potassium	6520	ug/L	1000	12/01/24 20:36	
EPA 6010	Sodium	94500	ug/L	1000	12/01/24 20:36	
EPA 6010	Molybdenum, Dissolved	182	ug/L	10.0	12/03/24 00:13	
EPA 6020	Cobalt	1.1	ug/L	1.0	11/27/24 03:12	
EPA 903.1	Radium-226	0.499 ± 0.626 (1.04) C:NA T:91%	pCi/L		12/12/24 15:06	
EPA 904.0	Radium-228	1.01 ± 0.440 (0.687) C:75% T:83%	pCi/L		12/11/24 16:26	
Total Radium Calculation	Total Radium	1.51 ± 1.07 (1.73)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	268	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	268	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	592	mg/L	10.0	11/21/24 13:06	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	11/19/24 15:36	H3
SM 5310C	Dissolved Organic Carbon	3.1	mg/L	1.0	12/03/24 02:35	
50388249002	**Dup-8**					
EPA 9056	Chloride	118	mg/L	2.5	11/25/24 20:34	
EPA 9056	Fluoride	0.51	mg/L	0.10	11/25/24 20:17	
EPA 9056	Sulfate	85.1	mg/L	2.5	11/25/24 20:34	
EPA 6010	Barium	60.3	ug/L	10.0	12/01/24 20:38	
EPA 6010	Boron	338	ug/L	100	12/01/24 20:38	
EPA 6010	Calcium	86200	ug/L	1000	12/01/24 20:38	
EPA 6010	Lithium	21.5	ug/L	20.0	12/01/24 20:38	
EPA 6010	Magnesium	20500	ug/L	1000	12/01/24 20:38	
EPA 6010	Manganese	428	ug/L	10.0	12/01/24 20:38	
EPA 6010	Molybdenum	184	ug/L	10.0	12/01/24 20:38	
EPA 6010	Potassium	6430	ug/L	1000	12/01/24 20:38	
EPA 6010	Sodium	94000	ug/L	1000	12/01/24 20:38	
EPA 6010	Molybdenum, Dissolved	184	ug/L	10.0	12/03/24 00:28	
EPA 6020	Cobalt	1.1	ug/L	1.0	11/27/24 03:16	
EPA 903.1	Radium-226	0.613 ± 0.514 (0.736) C:NA T:90%	pCi/L		12/12/24 15:06	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388249002	**Dup-8**					
EPA 904.0	Radium-228	0.624 ± 0.367 (0.666) C:81% T:85%	pCi/L		12/11/24 16:26	
Total Radium Calculation	Total Radium	1.24 ± 0.881 (1.40)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	266	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	266	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	570	mg/L	10.0	11/21/24 13:06	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	11/19/24 15:32	H3
SM 5310C	Dissolved Organic Carbon	2.9	mg/L	1.0	12/03/24 02:46	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Sample: MW-16S **Lab ID: 50388249001** Collected: 11/18/24 11:33 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**115**	mg/L	2.5	1.3	10		11/25/24 14:28	16887-00-6	
Fluoride	**0.51**	mg/L	0.10	0.016	1		11/25/24 14:10	16984-48-8	
Sulfate	**82.9**	mg/L	2.5	1.9	10		11/25/24 14:28	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**60.6**	ug/L	10.0	0.68	1	11/23/24 17:18	12/01/24 20:36	7440-39-3	
Boron	**337**	ug/L	100	5.6	1	11/23/24 17:18	12/01/24 20:36	7440-42-8	
Calcium	**85700**	ug/L	1000	83.9	1	11/23/24 17:18	12/01/24 20:36	7440-70-2	
Iron	ND	ug/L	100	41.0	1	11/23/24 17:18	12/01/24 20:36	7439-89-6	
Lithium	**20.6**	ug/L	20.0	3.8	1	11/23/24 17:18	12/01/24 20:36	7439-93-2	
Magnesium	**20300**	ug/L	1000	53.7	1	11/23/24 17:18	12/01/24 20:36	7439-95-4	
Manganese	**428**	ug/L	10.0	0.77	1	11/23/24 17:18	12/01/24 20:36	7439-96-5	
Molybdenum	**181**	ug/L	10.0	1.4	1	11/23/24 17:18	12/01/24 20:36	7439-98-7	
Potassium	**6520**	ug/L	1000	113	1	11/23/24 17:18	12/01/24 20:36	7440-09-7	
Sodium	**94500**	ug/L	1000	95.0	1	11/23/24 17:18	12/01/24 20:36	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**182**	ug/L	10.0	1.4	1	11/24/24 20:40	12/03/24 00:13	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 03:12	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 03:12	7440-38-2	
Cobalt	**1.1**	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 03:12	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 03:12	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**268**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**268**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**592**	mg/L	10.0	10.0	1		11/21/24 13:06		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		11/19/24 15:36		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Sample: MW-16S **Lab ID: 50388249001** Collected: 11/18/24 11:33 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/19/24 15:43	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.1**	mg/L	1.0	0.25	1		12/03/24 02:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Sample: Dup-8 **Lab ID: 50388249002** Collected: 11/18/24 08:00 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**118**	mg/L	2.5	1.3	10		11/25/24 20:34	16887-00-6	
Fluoride	**0.51**	mg/L	0.10	0.016	1		11/25/24 20:17	16984-48-8	
Sulfate	**85.1**	mg/L	2.5	1.9	10		11/25/24 20:34	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**60.3**	ug/L	10.0	0.68	1	11/23/24 17:18	12/01/24 20:38	7440-39-3	
Boron	**338**	ug/L	100	5.6	1	11/23/24 17:18	12/01/24 20:38	7440-42-8	
Calcium	**86200**	ug/L	1000	83.9	1	11/23/24 17:18	12/01/24 20:38	7440-70-2	
Iron	ND	ug/L	100	41.0	1	11/23/24 17:18	12/01/24 20:38	7439-89-6	
Lithium	**21.5**	ug/L	20.0	3.8	1	11/23/24 17:18	12/01/24 20:38	7439-93-2	
Magnesium	**20500**	ug/L	1000	53.7	1	11/23/24 17:18	12/01/24 20:38	7439-95-4	
Manganese	**428**	ug/L	10.0	0.77	1	11/23/24 17:18	12/01/24 20:38	7439-96-5	
Molybdenum	**184**	ug/L	10.0	1.4	1	11/23/24 17:18	12/01/24 20:38	7439-98-7	
Potassium	**6430**	ug/L	1000	113	1	11/23/24 17:18	12/01/24 20:38	7440-09-7	
Sodium	**94000**	ug/L	1000	95.0	1	11/23/24 17:18	12/01/24 20:38	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**184**	ug/L	10.0	1.4	1	11/24/24 20:40	12/03/24 00:28	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 03:16	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 03:16	7440-38-2	
Cobalt	**1.1**	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 03:16	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 03:16	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**266**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**266**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**570**	mg/L	10.0	10.0	1		11/21/24 13:06		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		11/19/24 15:32		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Sample: Dup-8 **Lab ID: 50388249002** Collected: 11/18/24 08:00 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/19/24 15:35	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.9**	mg/L	1.0	0.25	1		12/03/24 02:46		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 820381
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3754324 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/25/24 12:08	
Fluoride	mg/L	ND	0.10	0.016	11/25/24 12:08	
Sulfate	mg/L	ND	0.25	0.19	11/25/24 12:08	

LABORATORY CONTROL SAMPLE: 3754325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	102	80-120	
Sulfate	mg/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754326 3754327

Parameter	Units	50387307017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	207	25	25	227	227	79	79	80-120	0	15	M0
Fluoride	mg/L	0.33	1	1	1.4	1.5	112	117	80-120	3	15	
Sulfate	mg/L	884	500	500	1350	1350	94	94	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 820539
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3755110 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/01/24 19:48	
Boron	ug/L	ND	100	5.6	12/01/24 19:48	
Calcium	ug/L	ND	1000	83.9	12/01/24 19:48	
Iron	ug/L	ND	100	41.0	12/01/24 19:48	
Lithium	ug/L	ND	20.0	3.8	12/01/24 19:48	
Magnesium	ug/L	ND	1000	53.7	12/01/24 19:48	
Manganese	ug/L	ND	10.0	0.77	12/01/24 19:48	
Molybdenum	ug/L	ND	10.0	1.4	12/01/24 19:48	
Potassium	ug/L	ND	1000	113	12/01/24 19:48	
Sodium	ug/L	ND	1000	95.0	12/01/24 19:48	

LABORATORY CONTROL SAMPLE: 3755111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	972	97	80-120	
Calcium	ug/L	10000	9710	97	80-120	
Iron	ug/L	10000	9740	97	80-120	
Lithium	ug/L	1000	993	99	80-120	
Magnesium	ug/L	10000	9840	98	80-120	
Manganese	ug/L	1000	975	98	80-120	
Molybdenum	ug/L	1000	992	99	80-120	
Potassium	ug/L	10000	9470	95	80-120	
Sodium	ug/L	10000	9500	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755112 3755113

Parameter	Units	50388156002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	2680	1000	1000	3730	3690	105	101	75-125	1	20	
Boron	ug/L	ND	1000	1000	1080	1080	104	103	75-125	0	20	
Calcium	ug/L	541000	10000	10000	511000	570000	-301	287	75-125	11	20	P6
Iron	ug/L	163	10000	10000	9640	9720	95	96	75-125	1	20	
Lithium	ug/L	ND	1000	1000	1030	1030	102	102	75-125	0	20	
Magnesium	ug/L	40000	10000	10000	49400	49000	94	90	75-125	1	20	
Manganese	ug/L	1370	1000	1000	2330	2310	96	95	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1000	998	100	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755112 3755113

Parameter	Units	50388156002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	19500	10000	10000	30300	30100	108	106	75-125	1	20	
Sodium	ug/L	3090000	10000	10000	3000000	3010000	-932	-804	75-125	0	20	E,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 820036
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3752507 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	12/02/24 23:58	

LABORATORY CONTROL SAMPLE: 3752508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	880	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752509 3752510

Parameter	Units	50388249001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	182	1000	1000	1090	1140	91	95	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 820898
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3756748 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/27/24 03:04	
Arsenic	ug/L	ND	1.0	0.080	11/27/24 03:04	
Cobalt	ug/L	ND	1.0	0.045	11/27/24 03:04	
Selenium	ug/L	ND	1.0	0.26	11/27/24 03:04	

LABORATORY CONTROL SAMPLE: 3756749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.6	102	80-120	
Arsenic	ug/L	40	38.8	97	80-120	
Cobalt	ug/L	40	40.3	101	80-120	
Selenium	ug/L	40	40.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756750 3756751

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	42.1	105	105	75-125	0	20	
Arsenic	ug/L	2.8	40	40	40.6	40.8	94	95	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.4	37.5	93	93	75-125	0	20	
Selenium	ug/L	ND	40	40	39.7	39.6	99	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 820669
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3755751 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 20:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 20:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 20:51	

LABORATORY CONTROL SAMPLE: 3755752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.1	96	90-110	

SAMPLE DUPLICATE: 3755753

Parameter	Units	50388469001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	418	422	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	418	422	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3755754

Parameter	Units	50388473002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	255	260	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	255	260	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 820241
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3753522 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/21/24 12:57	

LABORATORY CONTROL SAMPLE: 3753523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	257	86	80-120	

SAMPLE DUPLICATE: 3753524

Parameter	Units	50388180003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	349	350	0	10	

SAMPLE DUPLICATE: 3753525

Parameter	Units	50388180004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	217	226	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 819766
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

SAMPLE DUPLICATE: 3751433

Parameter	Units	50388047002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.5	4	2	H3,R1

SAMPLE DUPLICATE: 3751434

Parameter	Units	50388249001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.6	3	2	H3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 819845
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3751721 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/19/24 15:28	

LABORATORY CONTROL SAMPLE: 3751722

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751723 3751724

Parameter	Units	50388243007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	25	25	25.8	25.8	103	103	90-110	0	20	

MATRIX SPIKE SAMPLE: 3751725

Parameter	Units	50388249002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.0	103	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 821623
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3760246 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/02/24 23:57	

LABORATORY CONTROL SAMPLE: 3760247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3760248 3760249

Parameter	Units	50388244003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.3	10	10	12.4	12.4	101	101	80-120	0	15	

MATRIX SPIKE SAMPLE: 3760250

Parameter	Units	50388244004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	2.4	10	12.4	101	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Sample: MW-16S **Lab ID: 50388249001** Collected: 11/18/24 11:33 Received: 11/18/24 16:14 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.499 ± 0.626 (1.04) C:NA T:91%**	pCi/L	12/12/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.01 ± 0.440 (0.687) C:75% T:83%**	pCi/L	12/11/24 16:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.51 ± 1.07 (1.73)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Sample: Dup-8 **Lab ID: 50388249002** Collected: 11/18/24 08:00 Received: 11/18/24 16:14 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.613 ± 0.514 (0.736) C:NA T:90%**	pCi/L	12/12/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.624 ± 0.367 (0.666) C:81% T:85%**	pCi/L	12/11/24 16:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.24 ± 0.881 (1.40)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 711095
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3463171 Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0423 ± 0.219 (0.455) C:NA T:98%	pCi/L	12/12/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

QC Batch: 711096
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388249001, 50388249002

METHOD BLANK: 3463177
Matrix: Water
Associated Lab Samples: 50388249001, 50388249002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.447 ± 0.310 (0.584) C:80% T:89%	pCi/L	12/11/24 16:26	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R3
Pace Project No.: 50388249

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388249001	**MW-16S**	EPA 9056	820381		
50388249002	**Dup-8**	EPA 9056	820381		
50388249001	**MW-16S**	EPA 3010	820539	EPA 6010	821544
50388249002	**Dup-8**	EPA 3010	820539	EPA 6010	821544
50388249001	**MW-16S**	EPA 3010	820036	EPA 6010	821729
50388249002	**Dup-8**	EPA 3010	820036	EPA 6010	821729
50388249001	**MW-16S**	EPA 200.2	820898	EPA 6020	821259
50388249002	**Dup-8**	EPA 200.2	820898	EPA 6020	821259
50388249001	**MW-16S**	EPA 903.1	711095		
50388249002	**Dup-8**	EPA 903.1	711095		
50388249001	**MW-16S**	EPA 904.0	711096		
50388249002	**Dup-8**	EPA 904.0	711096		
50388249001	**MW-16S**	Total Radium Calculation	715134		
50388249002	**Dup-8**	Total Radium Calculation	715134		
50388249001	**MW-16S**	SM 2320B	820669		
50388249002	**Dup-8**	SM 2320B	820669		
50388249001	**MW-16S**	SM 2540C	820241		
50388249002	**Dup-8**	SM 2540C	820241		
50388249001	**MW-16S**	SM 4500-H+B	819766		
50388249002	**Dup-8**	SM 4500-H+B	819766		
50388249001	**MW-16S**	EPA 353.2	819845		
50388249002	**Dup-8**	EPA 353.2	819845		
50388249001	**MW-16S**	SM 5310C	821623		
50388249002	**Dup-8**	SM 5310C	821623		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50388249

50388249

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES 0002		
Project Name:	Harding St November 2024 P1R3	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
MW-16S	GW	G	11-18-24	1133			10			1	1	1	2	1	1	1	2				
DUP-8	↓	↓	11-18-24	—			↓			1	1	1	2	1	1	1	2				

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165232

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Ll, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: (Printed Name) Mykah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	B	0.0	1.7	1.7	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATCAS	11-18-24 1614		11/18/24 16:14	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of Page 27 of 29

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/18/24 22:46 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A (B) C D E F G H I	**5. Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
2. Cooler Temperature(s): (Initial/Corrected) 1.7/1.7 RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)	**6. Ice Type:** ☑ Wet ☐ Blue ☐ None
3. Courier: *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other	**7. Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
4. Custody Seal on Cooler/Box Present: ☐ Yes ☑ No	Cooler temp should be above freezing to 6°C
(If yes)Seals Intact: ☐ Yes ☐ No **(leave blank if no seals were present)**	If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2	—					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Rush TAT Requested (4 days or less):		—	Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Custody Signatures Present?	—		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Containers Intact?:	—		Trip Blank Present?		—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—		Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH (only) / SBS / DI / R					AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit				HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2												↓				↓	↓	↓	↓	↓									↓	↓	↓		
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Dear Mr. Breting:

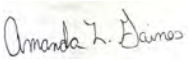
Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388250001	**MW-14D**	Water	11/18/24 11:45	11/18/24 16:14
50388250002	**MW-14I**	Water	11/18/24 13:05	11/18/24 16:14
50388250003	**DUP-4**	Water	11/18/24 08:00	11/18/24 16:14
50388250004	**MW-8D**	Water	11/18/24 14:44	11/18/24 16:14

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388250001	**MW-14D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388250002	**MW-14I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388250003	**DUP-4**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388250004	**MW-8D**	EPA 9056	ADM	3	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	SL	1	PASI-I
		SM 4500-H+B	BEP	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388250001	**MW-14D**					
EPA 9056	Chloride	241	mg/L	25.0	11/25/24 21:44	
EPA 9056	Fluoride	0.19	mg/L	0.10	11/25/24 21:09	
EPA 9056	Sulfate	1810	mg/L	25.0	11/25/24 21:44	
EPA 6010	Barium	35.0	ug/L	10.0	12/01/24 20:40	
EPA 6010	Boron	45800	ug/L	100	12/01/24 20:40	
EPA 6010	Calcium	311000	ug/L	2000	12/01/24 23:40	
EPA 6010	Iron	2020	ug/L	100	12/01/24 20:40	
EPA 6010	Lithium	516	ug/L	20.0	12/01/24 20:40	
EPA 6010	Magnesium	188000	ug/L	1000	12/01/24 20:40	
EPA 6010	Manganese	231	ug/L	10.0	12/01/24 20:40	
EPA 6010	Molybdenum	165	ug/L	10.0	12/01/24 20:40	
EPA 6010	Potassium	50600	ug/L	1000	12/01/24 20:40	
EPA 6010	Sodium	360000	ug/L	2000	12/01/24 23:40	
EPA 6010	Molybdenum, Dissolved	167	ug/L	10.0	12/03/24 00:30	
EPA 6020	Arsenic	131	ug/L	1.0	11/27/24 03:28	
EPA 903.1	Radium-226	0.0629 ± 0.477 (0.944) C:NA T:90%	pCi/L		12/12/24 15:06	
EPA 904.0	Radium-228	1.26 ± 0.525 (0.859) C:79% T:87%	pCi/L		12/11/24 16:26	
Total Radium Calculation	Total Radium	1.32 ± 1.00 (1.80)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	289	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	289	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	3090	mg/L	40.0	11/21/24 13:06	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/19/24 16:02	H3
SM 5310C	Dissolved Organic Carbon	3.4	mg/L	1.0	12/03/24 02:58	
50388250002	**MW-14I**					
EPA 9056	Chloride	154	mg/L	2.5	11/25/24 22:53	
EPA 9056	Fluoride	0.31	mg/L	0.10	11/25/24 22:36	
EPA 9056	Sulfate	1540	mg/L	25.0	11/25/24 23:11	
EPA 6010	Barium	29.2	ug/L	10.0	12/01/24 20:47	
EPA 6010	Boron	36500	ug/L	100	12/01/24 20:47	
EPA 6010	Calcium	428000	ug/L	5000	12/01/24 23:42	
EPA 6010	Iron	7400	ug/L	100	12/01/24 20:47	
EPA 6010	Lithium	443	ug/L	20.0	12/01/24 20:47	
EPA 6010	Magnesium	125000	ug/L	1000	12/01/24 20:47	
EPA 6010	Manganese	490	ug/L	10.0	12/01/24 20:47	
EPA 6010	Molybdenum	117	ug/L	10.0	12/01/24 20:47	
EPA 6010	Potassium	28700	ug/L	1000	12/01/24 20:47	
EPA 6010	Sodium	194000	ug/L	1000	12/01/24 20:47	
EPA 6010	Molybdenum, Dissolved	116	ug/L	10.0	12/03/24 00:32	
EPA 6020	Arsenic	2.1	ug/L	1.0	11/27/24 03:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388250002	**MW-14I**					
EPA 903.1	Radium-226	0.191 ± 0.330 (0.590) C:NA T:86%	pCi/L		12/12/24 15:06	
EPA 904.0	Radium-228	1.17 ± 0.529 (0.891) C:79% T:84%	pCi/L		12/11/24 16:26	
Total Radium Calculation	Total Radium	1.36 ± 0.859 (1.48)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	261	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	261	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	2520	mg/L	40.0	11/21/24 13:07	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/19/24 16:04	H3
SM 5310C	Dissolved Organic Carbon	3.1	mg/L	1.0	12/03/24 03:10	
50388250003	**DUP-4**					
EPA 9056	Chloride	235	mg/L	25.0	11/26/24 00:03	
EPA 9056	Fluoride	0.19	mg/L	0.10	11/25/24 23:28	
EPA 9056	Sulfate	1760	mg/L	25.0	11/26/24 00:03	
EPA 6010	Barium	35.2	ug/L	10.0	12/01/24 20:49	
EPA 6010	Boron	46000	ug/L	100	12/01/24 20:49	
EPA 6010	Calcium	312000	ug/L	2000	12/01/24 23:45	
EPA 6010	Iron	2080	ug/L	100	12/01/24 20:49	
EPA 6010	Lithium	517	ug/L	20.0	12/01/24 20:49	
EPA 6010	Magnesium	187000	ug/L	1000	12/01/24 20:49	
EPA 6010	Manganese	231	ug/L	10.0	12/01/24 20:49	
EPA 6010	Molybdenum	165	ug/L	10.0	12/01/24 20:49	
EPA 6010	Potassium	50900	ug/L	1000	12/01/24 20:49	
EPA 6010	Sodium	357000	ug/L	2000	12/01/24 23:45	
EPA 6010	Molybdenum, Dissolved	165	ug/L	10.0	12/03/24 00:34	
EPA 6020	Arsenic	125	ug/L	1.0	11/27/24 03:36	
EPA 903.1	Radium-226	-0.0697 ± 0.361 (0.837) C:NA T:89%	pCi/L		12/12/24 15:06	
EPA 904.0	Radium-228	0.946 ± 0.523 (0.973) C:76% T:84%	pCi/L		12/11/24 16:26	
Total Radium Calculation	Total Radium	0.946 ± 0.884 (1.81)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	290	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	290	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	2960	mg/L	40.0	11/21/24 13:07	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/19/24 15:59	H3
SM 5310C	Dissolved Organic Carbon	3.2	mg/L	1.0	12/03/24 03:43	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388250004	**MW-8D**					
EPA 9056	Chloride	115	mg/L	2.5	11/26/24 00:38	
EPA 9056	Fluoride	0.32	mg/L	0.10	11/26/24 00:20	
EPA 9056	Sulfate	122	mg/L	2.5	11/26/24 00:38	
EPA 6010	Barium	229	ug/L	10.0	12/01/24 20:51	
EPA 6010	Boron	593	ug/L	100	12/01/24 20:51	
EPA 6010	Calcium	89500	ug/L	1000	12/01/24 20:51	
EPA 6010	Iron	2460	ug/L	100	12/01/24 20:51	
EPA 6010	Magnesium	27000	ug/L	1000	12/01/24 20:51	
EPA 6010	Manganese	501	ug/L	10.0	12/01/24 20:51	
EPA 6010	Molybdenum	64.4	ug/L	10.0	12/01/24 20:51	
EPA 6010	Potassium	4710	ug/L	1000	12/01/24 20:51	
EPA 6010	Sodium	94600	ug/L	1000	12/01/24 20:51	
EPA 6010	Molybdenum, Dissolved	65.5	ug/L	10.0	12/03/24 00:36	
EPA 6020	Arsenic	3.7	ug/L	1.0	11/27/24 03:40	
EPA 903.1	Radium-226	1.06 ± 0.565 (0.488) C:NA T:92%	pCi/L		12/12/24 15:06	
EPA 904.0	Radium-228	0.677 ± 0.406 (0.750) C:76% T:88%	pCi/L		12/11/24 16:26	
Total Radium Calculation	Total Radium	1.74 ± 0.971 (1.24)	pCi/L		12/12/24 17:16	
SM 2320B	Alkalinity, Total as CaCO3	264	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	264	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	584	mg/L	20.0	11/21/24 13:07	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/19/24 16:06	H3
EPA 353.2	Nitrogen, Nitrate	0.17	mg/L	0.10	11/19/24 23:52	
SM 5310C	Dissolved Organic Carbon	3.2	mg/L	1.0	12/03/24 03:55	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-14D **Lab ID: 50388250001** Collected: 11/18/24 11:45 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**241**	mg/L	25.0	13.0	100		11/25/24 21:44	16887-00-6	
Fluoride	**0.19**	mg/L	0.10	0.016	1		11/25/24 21:09	16984-48-8	
Sulfate	**1810**	mg/L	25.0	19.0	100		11/25/24 21:44	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**35.0**	ug/L	10.0	0.68	1	11/23/24 17:18	12/01/24 20:40	7440-39-3	
Boron	**45800**	ug/L	100	5.6	1	11/23/24 17:18	12/01/24 20:40	7440-42-8	
Calcium	**311000**	ug/L	2000	168	2	11/23/24 17:18	12/01/24 23:40	7440-70-2	
Iron	**2020**	ug/L	100	41.0	1	11/23/24 17:18	12/01/24 20:40	7439-89-6	
Lithium	**516**	ug/L	20.0	3.8	1	11/23/24 17:18	12/01/24 20:40	7439-93-2	
Magnesium	**188000**	ug/L	1000	53.7	1	11/23/24 17:18	12/01/24 20:40	7439-95-4	
Manganese	**231**	ug/L	10.0	0.77	1	11/23/24 17:18	12/01/24 20:40	7439-96-5	
Molybdenum	**165**	ug/L	10.0	1.4	1	11/23/24 17:18	12/01/24 20:40	7439-98-7	
Potassium	**50600**	ug/L	1000	113	1	11/23/24 17:18	12/01/24 20:40	7440-09-7	
Sodium	**360000**	ug/L	2000	190	2	11/23/24 17:18	12/01/24 23:40	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**167**	ug/L	10.0	1.4	1	11/24/24 20:40	12/03/24 00:30	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 03:28	7440-36-0	
Arsenic	**131**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 03:28	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 03:28	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 03:28	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**289**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**289**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**3090**	mg/L	40.0	40.0	1		11/21/24 13:06		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/19/24 16:02		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-14D **Lab ID: 50388250001** Collected: 11/18/24 11:45 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/19/24 15:50	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.4**	mg/L	1.0	0.25	1		12/03/24 02:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-14I **Lab ID: 50388250002** Collected: 11/18/24 13:05 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**154**	mg/L	2.5	1.3	10		11/25/24 22:53	16887-00-6	
Fluoride	**0.31**	mg/L	0.10	0.016	1		11/25/24 22:36	16984-48-8	
Sulfate	**1540**	mg/L	25.0	19.0	100		11/25/24 23:11	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**29.2**	ug/L	10.0	0.68	1	11/23/24 17:18	12/01/24 20:47	7440-39-3	
Boron	**36500**	ug/L	100	5.6	1	11/23/24 17:18	12/01/24 20:47	7440-42-8	
Calcium	**428000**	ug/L	5000	420	5	11/23/24 17:18	12/01/24 23:42	7440-70-2	
Iron	**7400**	ug/L	100	41.0	1	11/23/24 17:18	12/01/24 20:47	7439-89-6	
Lithium	**443**	ug/L	20.0	3.8	1	11/23/24 17:18	12/01/24 20:47	7439-93-2	
Magnesium	**125000**	ug/L	1000	53.7	1	11/23/24 17:18	12/01/24 20:47	7439-95-4	
Manganese	**490**	ug/L	10.0	0.77	1	11/23/24 17:18	12/01/24 20:47	7439-96-5	
Molybdenum	**117**	ug/L	10.0	1.4	1	11/23/24 17:18	12/01/24 20:47	7439-98-7	
Potassium	**28700**	ug/L	1000	113	1	11/23/24 17:18	12/01/24 20:47	7440-09-7	
Sodium	**194000**	ug/L	1000	95.0	1	11/23/24 17:18	12/01/24 20:47	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**116**	ug/L	10.0	1.4	1	11/24/24 20:40	12/03/24 00:32	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 03:32	7440-36-0	
Arsenic	**2.1**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 03:32	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 03:32	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 03:32	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**261**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**261**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2520**	mg/L	40.0	40.0	1		11/21/24 13:07		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/19/24 16:04		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-14I **Lab ID: 50388250002** Collected: 11/18/24 13:05 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/19/24 23:50	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.1**	mg/L	1.0	0.25	1		12/03/24 03:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: DUP-4 **Lab ID: 50388250003** Collected: 11/18/24 08:00 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**235**	mg/L	25.0	13.0	100		11/26/24 00:03	16887-00-6	
Fluoride	**0.19**	mg/L	0.10	0.016	1		11/25/24 23:28	16984-48-8	
Sulfate	**1760**	mg/L	25.0	19.0	100		11/26/24 00:03	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**35.2**	ug/L	10.0	0.68	1	11/23/24 17:18	12/01/24 20:49	7440-39-3	
Boron	**46000**	ug/L	100	5.6	1	11/23/24 17:18	12/01/24 20:49	7440-42-8	
Calcium	**312000**	ug/L	2000	168	2	11/23/24 17:18	12/01/24 23:45	7440-70-2	
Iron	**2080**	ug/L	100	41.0	1	11/23/24 17:18	12/01/24 20:49	7439-89-6	
Lithium	**517**	ug/L	20.0	3.8	1	11/23/24 17:18	12/01/24 20:49	7439-93-2	
Magnesium	**187000**	ug/L	1000	53.7	1	11/23/24 17:18	12/01/24 20:49	7439-95-4	
Manganese	**231**	ug/L	10.0	0.77	1	11/23/24 17:18	12/01/24 20:49	7439-96-5	
Molybdenum	**165**	ug/L	10.0	1.4	1	11/23/24 17:18	12/01/24 20:49	7439-98-7	
Potassium	**50900**	ug/L	1000	113	1	11/23/24 17:18	12/01/24 20:49	7440-09-7	
Sodium	**357000**	ug/L	2000	190	2	11/23/24 17:18	12/01/24 23:45	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**165**	ug/L	10.0	1.4	1	11/24/24 20:40	12/03/24 00:34	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 03:36	7440-36-0	
Arsenic	**125**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 03:36	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 03:36	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 03:36	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**290**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**290**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2960**	mg/L	40.0	40.0	1		11/21/24 13:07		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/19/24 15:59		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: DUP-4 **Lab ID: 50388250003** Collected: 11/18/24 08:00 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/19/24 15:39	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.2**	mg/L	1.0	0.25	1		12/03/24 03:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-8D **Lab ID: 50388250004** Collected: 11/18/24 14:44 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**115**	mg/L	2.5	1.3	10		11/26/24 00:38	16887-00-6	
Fluoride	**0.32**	mg/L	0.10	0.016	1		11/26/24 00:20	16984-48-8	
Sulfate	**122**	mg/L	2.5	1.9	10		11/26/24 00:38	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**229**	ug/L	10.0	0.68	1	11/23/24 17:18	12/01/24 20:51	7440-39-3	
Boron	**593**	ug/L	100	5.6	1	11/23/24 17:18	12/01/24 20:51	7440-42-8	
Calcium	**89500**	ug/L	1000	83.9	1	11/23/24 17:18	12/01/24 20:51	7440-70-2	
Iron	**2460**	ug/L	100	41.0	1	11/23/24 17:18	12/01/24 20:51	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/23/24 17:18	12/01/24 20:51	7439-93-2	
Magnesium	**27000**	ug/L	1000	53.7	1	11/23/24 17:18	12/01/24 20:51	7439-95-4	
Manganese	**501**	ug/L	10.0	0.77	1	11/23/24 17:18	12/01/24 20:51	7439-96-5	
Molybdenum	**64.4**	ug/L	10.0	1.4	1	11/23/24 17:18	12/01/24 20:51	7439-98-7	
Potassium	**4710**	ug/L	1000	113	1	11/23/24 17:18	12/01/24 20:51	7440-09-7	
Sodium	**94600**	ug/L	1000	95.0	1	11/23/24 17:18	12/01/24 20:51	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**65.5**	ug/L	10.0	1.4	1	11/24/24 20:40	12/03/24 00:36	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 03:40	7440-36-0	
Arsenic	**3.7**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 03:40	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 03:40	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 03:40	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**264**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**264**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**584**	mg/L	20.0	20.0	1		11/21/24 13:07		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/19/24 16:06		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-8D **Lab ID: 50388250004** Collected: 11/18/24 14:44 Received: 11/18/24 16:14 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.17**	mg/L	0.10	0.013	1		11/19/24 23:52	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.2**	mg/L	1.0	0.25	1		12/03/24 03:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 820381
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3754324 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/25/24 12:08	
Fluoride	mg/L	ND	0.10	0.016	11/25/24 12:08	
Sulfate	mg/L	ND	0.25	0.19	11/25/24 12:08	

LABORATORY CONTROL SAMPLE: 3754325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	102	80-120	
Sulfate	mg/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754326 3754327

Parameter	Units	50387307017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	207	25	25	227	227	79	79	80-120	0	15	M0
Fluoride	mg/L	0.33	1	1	1.4	1.5	112	117	80-120	3	15	
Sulfate	mg/L	884	500	500	1350	1350	94	94	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 820539
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3755110 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/01/24 19:48	
Boron	ug/L	ND	100	5.6	12/01/24 19:48	
Calcium	ug/L	ND	1000	83.9	12/01/24 19:48	
Iron	ug/L	ND	100	41.0	12/01/24 19:48	
Lithium	ug/L	ND	20.0	3.8	12/01/24 19:48	
Magnesium	ug/L	ND	1000	53.7	12/01/24 19:48	
Manganese	ug/L	ND	10.0	0.77	12/01/24 19:48	
Molybdenum	ug/L	ND	10.0	1.4	12/01/24 19:48	
Potassium	ug/L	ND	1000	113	12/01/24 19:48	
Sodium	ug/L	ND	1000	95.0	12/01/24 19:48	

LABORATORY CONTROL SAMPLE: 3755111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	972	97	80-120	
Calcium	ug/L	10000	9710	97	80-120	
Iron	ug/L	10000	9740	97	80-120	
Lithium	ug/L	1000	993	99	80-120	
Magnesium	ug/L	10000	9840	98	80-120	
Manganese	ug/L	1000	975	98	80-120	
Molybdenum	ug/L	1000	992	99	80-120	
Potassium	ug/L	10000	9470	95	80-120	
Sodium	ug/L	10000	9500	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755112 3755113

Parameter	Units	50388156002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	2680	1000	1000	3730	3690	105	101	75-125	1	20	
Boron	ug/L	ND	1000	1000	1080	1080	104	103	75-125	0	20	
Calcium	ug/L	541000	10000	10000	511000	570000	-301	287	75-125	11	20	P6
Iron	ug/L	163	10000	10000	9640	9720	95	96	75-125	1	20	
Lithium	ug/L	ND	1000	1000	1030	1030	102	102	75-125	0	20	
Magnesium	ug/L	40000	10000	10000	49400	49000	94	90	75-125	1	20	
Manganese	ug/L	1370	1000	1000	2330	2310	96	95	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1000	998	100	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755112 3755113

Parameter	Units	50388156002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	19500	10000	10000	30300	30100	108	106	75-125	1	20	
Sodium	ug/L	3090000	10000	10000	3000000	3010000	-932	-804	75-125	0	20	E,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 820036
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3752507 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	12/02/24 23:58	

LABORATORY CONTROL SAMPLE: 3752508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	880	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752509 3752510

Parameter	Units	50388249001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	182	1000	1000	1090	1140	91	95	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 820898
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3756748 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/27/24 03:04	
Arsenic	ug/L	ND	1.0	0.080	11/27/24 03:04	
Cobalt	ug/L	ND	1.0	0.045	11/27/24 03:04	
Selenium	ug/L	ND	1.0	0.26	11/27/24 03:04	

LABORATORY CONTROL SAMPLE: 3756749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.6	102	80-120	
Arsenic	ug/L	40	38.8	97	80-120	
Cobalt	ug/L	40	40.3	101	80-120	
Selenium	ug/L	40	40.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756750 3756751

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	42.1	105	105	75-125	0	20	
Arsenic	ug/L	2.8	40	40	40.6	40.8	94	95	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.4	37.5	93	93	75-125	0	20	
Selenium	ug/L	ND	40	40	39.7	39.6	99	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 820669 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3755751 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 20:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 20:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 20:51	

LABORATORY CONTROL SAMPLE: 3755752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.1	96	90-110	

SAMPLE DUPLICATE: 3755753

Parameter	Units	50388469001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	418	422	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	418	422	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3755754

Parameter	Units	50388473002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	255	260	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	255	260	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 820241 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3753522 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/21/24 12:57	

LABORATORY CONTROL SAMPLE: 3753523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	257	86	80-120	

SAMPLE DUPLICATE: 3753524

Parameter	Units	50388180003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	349	350	0	10	

SAMPLE DUPLICATE: 3753525

Parameter	Units	50388180004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	217	226	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 819768
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

SAMPLE DUPLICATE: 3751435

Parameter	Units	50388250003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.6	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 819845
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250003

METHOD BLANK: 3751721 Matrix: Water
Associated Lab Samples: 50388250001, 50388250003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/19/24 15:28	

LABORATORY CONTROL SAMPLE: 3751722

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3751723 3751724

Parameter	Units	50388243007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	25	25	25.8	25.8	103	103	90-110	0	20	

MATRIX SPIKE SAMPLE: 3751725

Parameter	Units	50388249002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.0	103	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 819917
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250002, 50388250004

METHOD BLANK: 3752068 Matrix: Water
Associated Lab Samples: 50388250002, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/19/24 23:46	

LABORATORY CONTROL SAMPLE: 3752069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752070 3752071

Parameter	Units	50388286004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	29.7	25	25	57.0	57.5	109	111	90-110	1	20	

MATRIX SPIKE SAMPLE: 3752072

Parameter	Units	50388306001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	103	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 821623
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3760246 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/02/24 23:57	

LABORATORY CONTROL SAMPLE: 3760247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3760248 3760249

Parameter	Units	50388244003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.3	10	10	12.4	12.4	101	101	80-120	0	15	

MATRIX SPIKE SAMPLE: 3760250

Parameter	Units	50388244004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	2.4	10	12.4	101	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-14D **Lab ID: 50388250001** Collected: 11/18/24 11:45 Received: 11/18/24 16:14 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0629 ± 0.477 (0.944) C:NA T:90%**	pCi/L	12/12/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.26 ± 0.525 (0.859) C:79% T:87%**	pCi/L	12/11/24 16:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.32 ± 1.00 (1.80)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-14I **Lab ID: 50388250002** Collected: 11/18/24 13:05 Received: 11/18/24 16:14 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.191 ± 0.330 (0.590) C:NA T:86%**	pCi/L	12/12/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.17 ± 0.529 (0.891) C:79% T:84%**	pCi/L	12/11/24 16:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.36 ± 0.859 (1.48)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: DUP-4 **Lab ID: 50388250003** Collected: 11/18/24 08:00 Received: 11/18/24 16:14 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0697 ± 0.361 (0.837) C:NA T:89%**	pCi/L	12/12/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.946 ± 0.523 (0.973) C:76% T:84%**	pCi/L	12/11/24 16:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.946 ± 0.884 (1.81)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Sample: MW-8D **Lab ID: 50388250004** Collected: 11/18/24 14:44 Received: 11/18/24 16:14 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.06 ± 0.565 (0.488) C:NA T:92%**	pCi/L	12/12/24 15:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.677 ± 0.406 (0.750) C:76% T:88%**	pCi/L	12/11/24 16:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.74 ± 0.971 (1.24)**	pCi/L	12/12/24 17:16	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 711095
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3463171 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0423 ± 0.219 (0.455) C:NA T:98%	pCi/L	12/12/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

QC Batch: 711096
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

METHOD BLANK: 3463177 Matrix: Water
Associated Lab Samples: 50388250001, 50388250002, 50388250003, 50388250004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.447 ± 0.310 (0.584) C:80% T:89%	pCi/L	12/11/24 16:26	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388250001	**MW-14D**	EPA 9056	820381		
50388250002	**MW-14I**	EPA 9056	820381		
50388250003	**DUP-4**	EPA 9056	820381		
50388250004	**MW-8D**	EPA 9056	820381		
50388250001	**MW-14D**	EPA 3010	820539	EPA 6010	821544
50388250002	**MW-14I**	EPA 3010	820539	EPA 6010	821544
50388250003	**DUP-4**	EPA 3010	820539	EPA 6010	821544
50388250004	**MW-8D**	EPA 3010	820539	EPA 6010	821544
50388250001	**MW-14D**	EPA 3010	820036	EPA 6010	821729
50388250002	**MW-14I**	EPA 3010	820036	EPA 6010	821729
50388250003	**DUP-4**	EPA 3010	820036	EPA 6010	821729
50388250004	**MW-8D**	EPA 3010	820036	EPA 6010	821729
50388250001	**MW-14D**	EPA 200.2	820898	EPA 6020	821259
50388250002	**MW-14I**	EPA 200.2	820898	EPA 6020	821259
50388250003	**DUP-4**	EPA 200.2	820898	EPA 6020	821259
50388250004	**MW-8D**	EPA 200.2	820898	EPA 6020	821259
50388250001	**MW-14D**	EPA 903.1	711095		
50388250002	**MW-14I**	EPA 903.1	711095		
50388250003	**DUP-4**	EPA 903.1	711095		
50388250004	**MW-8D**	EPA 903.1	711095		
50388250001	**MW-14D**	EPA 904.0	711096		
50388250002	**MW-14I**	EPA 904.0	711096		
50388250003	**DUP-4**	EPA 904.0	711096		
50388250004	**MW-8D**	EPA 904.0	711096		
50388250001	**MW-14D**	Total Radium Calculation	715134		
50388250002	**MW-14I**	Total Radium Calculation	715134		
50388250003	**DUP-4**	Total Radium Calculation	715134		
50388250004	**MW-8D**	Total Radium Calculation	715134		
50388250001	**MW-14D**	SM 2320B	820669		
50388250002	**MW-14I**	SM 2320B	820669		
50388250003	**DUP-4**	SM 2320B	820669		
50388250004	**MW-8D**	SM 2320B	820669		
50388250001	**MW-14D**	SM 2540C	820241		
50388250002	**MW-14I**	SM 2540C	820241		
50388250003	**DUP-4**	SM 2540C	820241		
50388250004	**MW-8D**	SM 2540C	820241		
50388250001	**MW-14D**	SM 4500-H+B	819768		
50388250002	**MW-14I**	SM 4500-H+B	819768		
50388250003	**DUP-4**	SM 4500-H+B	819768		
50388250004	**MW-8D**	SM 4500-H+B	819768		
50388250001	**MW-14D**	EPA 353.2	819845		
50388250002	**MW-14I**	EPA 353.2	819917		
50388250003	**DUP-4**	EPA 353.2	819845		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50388250

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388250004	**MW-8D**	EPA 353.2	819917		
50388250001	**MW-14D**	SM 5310C	821623		
50388250002	**MW-14I**	SM 5310C	821623		
50388250003	**DUP-4**	SM 5310C	821623		
50388250004	**MW-8D**	SM 5310C	821623		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50388250

50388250

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment	Preservation non-conformance identified for sample.
MW-14D	GW	G	11/18/24	1145			10			1	1	1	2	1	1	1	2		
MW-14I	"	"	"	1305			"			"	"	"	"	"	"	"	"		
DUP-4	"	"	"	—			"			"	"	"	"	"	"	"	"		
MW-8D	"	"	"	1414			"			"	"	"	"	"	"	"	"		

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Epler / Mykala Berkstresser
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	B	0.0	see scur		Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11/18/24 1614		11/18/24 16:14	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/18/24 22:46 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A (B) C D E F G H I	**5. Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
2. Cooler Temperature(s): (Initial/Corrected) 1.7/1.7 | 4.5/4.5 | | RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)	**6. Ice Type:** ☑ Wet ☐ Blue ☐ None
3. Courier: *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other	**7. Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
4. Custody Seal on Cooler/Box Present: ☐ Yes ☑ No	Cooler temp should be above freezing to 6°C
(If yes)Seals Intact: ☐ Yes ☐ No (leave blank if no seals were present)	If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2	—					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Rush TAT Requested (4 days or less):		—	Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Custody Signatures Present?	—		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Containers Intact?:	—		Trip Blank Present?		—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—		Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2												↓				↓	↓	↓	↓	↓									↓					
3																																		
4												↓				↓	↓	↓	↓	↓									↓					
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Dear Mr. Breting:

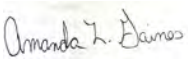
Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388302001	**M-4**	Water	11/19/24 11:50	11/19/24 15:45
50388302002	**MW-17D**	Water	11/19/24 13:50	11/19/24 15:45
50388302003	**MW-17I**	Water	11/19/24 12:07	11/19/24 15:45
50388302004	**MW-17I MS**	Water	11/19/24 12:07	11/19/24 15:45
50388302005	**MW-17I MSD**	Water	11/19/24 12:07	11/19/24 15:45

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388302001	**M-4**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388302002	**MW-17D**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388302003	**MW-17I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	JPK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388302004	**MW-17I MS**	EPA 903.1	REH1	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 904.0	ZPC	1	PASI-PA
50388302005	**MW-17I MSD**	EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388302001	**M-4**					
EPA 9056	Chloride	87.4	mg/L	2.5	11/27/24 10:29	
EPA 9056	Fluoride	0.32	mg/L	0.10	11/27/24 10:12	
EPA 9056	Sulfate	930	mg/L	25.0	11/27/24 10:47	
EPA 6010	Barium	156	ug/L	10.0	12/02/24 23:02	
EPA 6010	Boron	28800	ug/L	100	12/02/24 23:02	
EPA 6010	Calcium	335000	ug/L	2000	12/02/24 23:42	
EPA 6010	Iron	4520	ug/L	100	12/02/24 23:02	
EPA 6010	Lithium	261	ug/L	20.0	12/02/24 23:02	
EPA 6010	Magnesium	51200	ug/L	1000	12/02/24 23:02	
EPA 6010	Manganese	746	ug/L	10.0	12/02/24 23:02	
EPA 6010	Molybdenum	222	ug/L	10.0	12/02/24 23:02	
EPA 6010	Potassium	27900	ug/L	1000	12/02/24 23:02	
EPA 6010	Sodium	112000	ug/L	1000	12/02/24 23:02	
EPA 6010	Molybdenum, Dissolved	222	ug/L	10.0	11/21/24 18:05	
EPA 6020	Arsenic	805	ug/L	5.0	11/28/24 01:36	
EPA 903.1	Radium-226	1.02 ± 0.816 (1.23) C:NA T:83%	pCi/L		12/13/24 13:28	
EPA 904.0	Radium-228	1.99 ± 0.662 (0.961) C:77% T:80%	pCi/L		12/12/24 11:27	
Total Radium Calculation	Total Radium	3.01 ± 1.48 (2.19)	pCi/L		12/13/24 16:52	
SM 2320B	Alkalinity, Total as CaCO3	275	mg/L	10.0	11/21/24 23:30	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	275	mg/L	10.0	11/21/24 23:30	
SM 2540C	Total Dissolved Solids	1660	mg/L	40.0	11/21/24 13:20	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/21/24 11:35	H3
SM 5310C	Dissolved Organic Carbon	2.7	mg/L	1.0	12/04/24 00:56	
50388302002	**MW-17D**					
EPA 9056	Chloride	154	mg/L	2.5	11/27/24 11:22	
EPA 9056	Fluoride	0.31	mg/L	0.10	11/27/24 11:04	
EPA 9056	Sulfate	103	mg/L	2.5	11/27/24 11:22	
EPA 6010	Barium	208	ug/L	10.0	12/02/24 23:05	
EPA 6010	Boron	255	ug/L	100	12/02/24 23:05	
EPA 6010	Calcium	89000	ug/L	1000	12/02/24 23:05	
EPA 6010	Iron	2520	ug/L	100	12/02/24 23:05	
EPA 6010	Magnesium	26500	ug/L	1000	12/02/24 23:05	
EPA 6010	Manganese	358	ug/L	10.0	12/02/24 23:05	
EPA 6010	Potassium	6790	ug/L	1000	12/02/24 23:05	
EPA 6010	Sodium	99300	ug/L	1000	12/02/24 23:05	
EPA 6020	Arsenic	4.1	ug/L	1.0	11/27/24 04:48	
EPA 903.1	Radium-226	2.46 ± 1.03 (1.28) C:NA T:94%	pCi/L		12/13/24 13:28	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388302002	**MW-17D**					
EPA 904.0	Radium-228	0.849 ± 0.393 (0.658) C:81% T:88%	pCi/L		12/12/24 11:28	
Total Radium Calculation	Total Radium	3.31 ± 1.42 (1.94)	pCi/L		12/13/24 16:52	
SM 2320B	Alkalinity, Total as CaCO3	255	mg/L	10.0	11/21/24 23:30	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	255	mg/L	10.0	11/21/24 23:30	
SM 2540C	Total Dissolved Solids	632	mg/L	10.0	11/21/24 13:20	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/21/24 11:36	H3
SM 5310C	Dissolved Organic Carbon	1.8	mg/L	1.0	12/04/24 01:16	
50388302003	**MW-17I**					
EPA 9056	Chloride	151	mg/L	2.5	11/27/24 11:57	
EPA 9056	Fluoride	0.29	mg/L	0.10	11/27/24 11:39	
EPA 9056	Sulfate	98.4	mg/L	2.5	11/27/24 11:57	
EPA 6010	Barium	150	ug/L	10.0	12/02/24 23:07	
EPA 6010	Boron	196	ug/L	100	12/02/24 23:07	
EPA 6010	Calcium	85800	ug/L	1000	12/02/24 23:07	
EPA 6010	Iron	1730	ug/L	100	12/02/24 23:07	
EPA 6010	Magnesium	26500	ug/L	1000	12/02/24 23:07	
EPA 6010	Manganese	309	ug/L	10.0	12/02/24 23:07	
EPA 6010	Potassium	6360	ug/L	1000	12/02/24 23:07	
EPA 6010	Sodium	86800	ug/L	1000	12/02/24 23:07	
EPA 6020	Arsenic	2.8	ug/L	1.0	11/27/24 05:08	
EPA 903.1	Radium-226	0.659 ± 0.527 (0.784) C:NA T:87%	pCi/L		12/13/24 13:28	
EPA 904.0	Radium-228	0.564 ± 0.327 (0.582) C:77% T:87%	pCi/L		12/12/24 11:28	
Total Radium Calculation	Total Radium	1.22 ± 0.854 (1.37)	pCi/L		12/13/24 16:52	
SM 2320B	Alkalinity, Total as CaCO3	227	mg/L	10.0	11/21/24 23:30	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	227	mg/L	10.0	11/21/24 23:30	
SM 2540C	Total Dissolved Solids	590	mg/L	10.0	11/21/24 13:20	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/21/24 11:37	H3
SM 5310C	Dissolved Organic Carbon	1.6	mg/L	1.0	12/04/24 01:37	
50388302004	**MW-17I MS**					
EPA 903.1	Radium-226	88.28 %REC ± NA (NA) C:NA T:NA	pCi/L		12/13/24 13:28	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388302004	**MW-17I MS**					
EPA 904.0	Radium-228	109.56 %REC ± NA (NA) C:NA T:NA	pCi/L		12/12/24 11:28	
50388302005	**MW-17I MSD**					
EPA 903.1	Radium-226	113.07 %REC 24.62RPD ± NA (NA) C:NA T:NA	pCi/L		12/13/24 13:28	
EPA 904.0	Radium-228	86.65 %REC 23.36RPD ± NA (NA) C:NA T:NA	pCi/L		12/12/24 11:28	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: M-4 **Lab ID: 50388302001** Collected: 11/19/24 11:50 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**87.4**	mg/L	2.5	1.3	10		11/27/24 10:29	16887-00-6	
Fluoride	**0.32**	mg/L	0.10	0.016	1		11/27/24 10:12	16984-48-8	
Sulfate	**930**	mg/L	25.0	19.0	100		11/27/24 10:47	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**156**	ug/L	10.0	0.68	1	11/25/24 07:28	12/02/24 23:02	7440-39-3	
Boron	**28800**	ug/L	100	5.6	1	11/25/24 07:28	12/02/24 23:02	7440-42-8	
Calcium	**335000**	ug/L	2000	168	2	11/25/24 07:28	12/02/24 23:42	7440-70-2	
Iron	**4520**	ug/L	100	41.0	1	11/25/24 07:28	12/02/24 23:02	7439-89-6	
Lithium	**261**	ug/L	20.0	3.8	1	11/25/24 07:28	12/02/24 23:02	7439-93-2	
Magnesium	**51200**	ug/L	1000	53.7	1	11/25/24 07:28	12/02/24 23:02	7439-95-4	
Manganese	**746**	ug/L	10.0	0.77	1	11/25/24 07:28	12/02/24 23:02	7439-96-5	
Molybdenum	**222**	ug/L	10.0	1.4	1	11/25/24 07:28	12/02/24 23:02	7439-98-7	
Potassium	**27900**	ug/L	1000	113	1	11/25/24 07:28	12/02/24 23:02	7440-09-7	
Sodium	**112000**	ug/L	1000	95.0	1	11/25/24 07:28	12/02/24 23:02	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**222**	ug/L	10.0	1.4	1	11/21/24 07:23	11/21/24 18:05	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 04:44	7440-36-0	
Arsenic	**805**	ug/L	5.0	0.40	5	11/26/24 09:35	11/28/24 01:36	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 04:44	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 04:44	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**275**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Bicarbonate (CaCO3)	**275**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/21/24 23:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
	Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1660**	mg/L	40.0	40.0	1		11/21/24 13:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B								
	Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/21/24 11:35		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: M-4 **Lab ID: 50388302001** Collected: 11/19/24 11:50 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/20/24 00:36	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.7**	mg/L	1.0	0.25	1		12/04/24 00:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17D **Lab ID: 50388302002** Collected: 11/19/24 13:50 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**154**	mg/L	2.5	1.3	10		11/27/24 11:22	16887-00-6	
Fluoride	**0.31**	mg/L	0.10	0.016	1		11/27/24 11:04	16984-48-8	
Sulfate	**103**	mg/L	2.5	1.9	10		11/27/24 11:22	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**208**	ug/L	10.0	0.68	1	11/25/24 07:28	12/02/24 23:05	7440-39-3	
Boron	**255**	ug/L	100	5.6	1	11/25/24 07:28	12/02/24 23:05	7440-42-8	
Calcium	**89000**	ug/L	1000	83.9	1	11/25/24 07:28	12/02/24 23:05	7440-70-2	
Iron	**2520**	ug/L	100	41.0	1	11/25/24 07:28	12/02/24 23:05	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 07:28	12/02/24 23:05	7439-93-2	
Magnesium	**26500**	ug/L	1000	53.7	1	11/25/24 07:28	12/02/24 23:05	7439-95-4	
Manganese	**358**	ug/L	10.0	0.77	1	11/25/24 07:28	12/02/24 23:05	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 07:28	12/02/24 23:05	7439-98-7	
Potassium	**6790**	ug/L	1000	113	1	11/25/24 07:28	12/02/24 23:05	7440-09-7	
Sodium	**99300**	ug/L	1000	95.0	1	11/25/24 07:28	12/02/24 23:05	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/21/24 07:23	11/21/24 18:08	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 04:48	7440-36-0	
Arsenic	**4.1**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 04:48	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 04:48	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 04:48	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**255**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Bicarbonate (CaCO3)	**255**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/21/24 23:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**632**	mg/L	10.0	10.0	1		11/21/24 13:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/21/24 11:36		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17D **Lab ID: 50388302002** Collected: 11/19/24 13:50 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/20/24 00:57	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.8**	mg/L	1.0	0.25	1		12/04/24 01:16		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17I **Lab ID: 50388302003** Collected: 11/19/24 12:07 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**151**	mg/L	2.5	1.3	10		11/27/24 11:57	16887-00-6	
Fluoride	**0.29**	mg/L	0.10	0.016	1		11/27/24 11:39	16984-48-8	
Sulfate	**98.4**	mg/L	2.5	1.9	10		11/27/24 11:57	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**150**	ug/L	10.0	0.68	1	11/25/24 07:28	12/02/24 23:07	7440-39-3	
Boron	**196**	ug/L	100	5.6	1	11/25/24 07:28	12/02/24 23:07	7440-42-8	
Calcium	**85800**	ug/L	1000	83.9	1	11/25/24 07:28	12/02/24 23:07	7440-70-2	
Iron	**1730**	ug/L	100	41.0	1	11/25/24 07:28	12/02/24 23:07	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 07:28	12/02/24 23:07	7439-93-2	
Magnesium	**26500**	ug/L	1000	53.7	1	11/25/24 07:28	12/02/24 23:07	7439-95-4	
Manganese	**309**	ug/L	10.0	0.77	1	11/25/24 07:28	12/02/24 23:07	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 07:28	12/02/24 23:07	7439-98-7	
Potassium	**6360**	ug/L	1000	113	1	11/25/24 07:28	12/02/24 23:07	7440-09-7	
Sodium	**86800**	ug/L	1000	95.0	1	11/25/24 07:28	12/02/24 23:07	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/21/24 07:23	11/21/24 18:10	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 05:08	7440-36-0	
Arsenic	**2.8**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 05:08	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 05:08	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 05:08	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**227**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Bicarbonate (CaCO3)	**227**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/21/24 23:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**590**	mg/L	10.0	10.0	1		11/21/24 13:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/21/24 11:37		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17I **Lab ID: 50388302003** Collected: 11/19/24 12:07 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/20/24 00:42	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.6**	mg/L	1.0	0.25	1		12/04/24 01:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820546
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3755142 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/28/24 02:28	
Fluoride	mg/L	ND	0.10	0.016	11/28/24 02:28	
Sulfate	mg/L	ND	0.25	0.19	11/28/24 02:28	

LABORATORY CONTROL SAMPLE: 3755143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	96	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755144 3755145

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	151	25	25	173	173	89	89	80-120	0	15	
Fluoride	mg/L	0.29	1	1	1.3	1.3	101	101	80-120	0	15	
Sulfate	mg/L	98.4	50	50	143	143	90	90	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820542
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3755123 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/02/24 22:29	
Boron	ug/L	ND	100	5.6	12/02/24 22:29	
Calcium	ug/L	ND	1000	83.9	12/03/24 02:47	
Iron	ug/L	ND	100	41.0	12/02/24 22:29	
Lithium	ug/L	ND	20.0	3.8	12/02/24 22:29	
Magnesium	ug/L	ND	1000	53.7	12/02/24 22:29	
Manganese	ug/L	ND	10.0	0.77	12/02/24 22:29	
Molybdenum	ug/L	ND	10.0	1.4	12/02/24 22:29	
Potassium	ug/L	ND	1000	113	12/02/24 22:29	
Sodium	ug/L	ND	1000	95.0	12/02/24 22:29	

LABORATORY CONTROL SAMPLE: 3755124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	992	99	80-120	
Boron	ug/L	1000	1010	101	80-120	
Calcium	ug/L	10000	10100	101	80-120	
Iron	ug/L	10000	9980	100	80-120	
Lithium	ug/L	1000	993	99	80-120	
Magnesium	ug/L	10000	10300	103	80-120	
Manganese	ug/L	1000	993	99	80-120	
Molybdenum	ug/L	1000	1010	101	80-120	
Potassium	ug/L	10000	9750	98	80-120	
Sodium	ug/L	10000	9610	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755125 3755126

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	150	1000	1000	1130	1140	98	99	75-125	1	20	
Boron	ug/L	196	1000	1000	1220	1220	102	102	75-125	0	20	
Calcium	ug/L	85800	10000	10000	95700	95700	99	99	75-125	0	20	
Iron	ug/L	1730	10000	10000	11500	11600	98	98	75-125	0	20	
Lithium	ug/L	ND	1000	1000	991	998	99	100	75-125	1	20	
Magnesium	ug/L	26500	10000	10000	36600	36700	101	102	75-125	0	20	
Manganese	ug/L	309	1000	1000	1280	1280	98	97	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1020	1030	101	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755125 3755126

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	6360	10000	10000	16100	16400	97	100	75-125	2	20	
Sodium	ug/L	86800	10000	10000	95700	96600	89	98	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820043
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3752530 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/21/24 17:24	

LABORATORY CONTROL SAMPLE: 3752531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752532 3752533

Parameter	Units	50387914001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1030	101	103	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752534 3752535

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1050	1030	104	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820898
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3756748 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/27/24 03:04	
Arsenic	ug/L	ND	1.0	0.080	11/27/24 03:04	
Cobalt	ug/L	ND	1.0	0.045	11/27/24 03:04	
Selenium	ug/L	ND	1.0	0.26	11/27/24 03:04	

LABORATORY CONTROL SAMPLE: 3756749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.6	102	80-120	
Arsenic	ug/L	40	38.8	97	80-120	
Cobalt	ug/L	40	40.3	101	80-120	
Selenium	ug/L	40	40.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756750 3756751

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	42.1	105	105	75-125	0	20	
Arsenic	ug/L	2.8	40	40	40.6	40.8	94	95	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.4	37.5	93	93	75-125	0	20	
Selenium	ug/L	ND	40	40	39.7	39.6	99	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820443
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3754624 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/21/24 23:30	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/21/24 23:30	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/21/24 23:30	

LABORATORY CONTROL SAMPLE: 3754625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.7	97	90-110	

SAMPLE DUPLICATE: 3754626

Parameter	Units	50388302003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	227	230	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	227	230	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3754627

Parameter	Units	50388317002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	198	199	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	198	199	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820242 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3753526 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/21/24 13:12	

LABORATORY CONTROL SAMPLE: 3753527

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	275	92	80-120	

SAMPLE DUPLICATE: 3753528

Parameter	Units	50388302003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	590	595	1	10	

SAMPLE DUPLICATE: 3753529

Parameter	Units	50388266001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	356	347	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 820295
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

SAMPLE DUPLICATE: 3753790

Parameter	Units	50388317005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.2	1	2	H3

SAMPLE DUPLICATE: 3753791

Parameter	Units	50388302003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 819917
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001

METHOD BLANK: 3752068 Matrix: Water
Associated Lab Samples: 50388302001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/19/24 23:46	

LABORATORY CONTROL SAMPLE: 3752069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752070 3752071

Parameter	Units	50388286004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	29.7	25	25	57.0	57.5	109	111	90-110	1	20	

MATRIX SPIKE SAMPLE: 3752072

Parameter	Units	50388306001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	103	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 819918
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302002, 50388302003

METHOD BLANK: 3752073 Matrix: Water
Associated Lab Samples: 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/20/24 00:38	

LABORATORY CONTROL SAMPLE: 3752074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752075 3752076

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	101	103	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 821876 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388302001, 50388302002, 50388302003

METHOD BLANK: 3761092 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/03/24 20:03	

LABORATORY CONTROL SAMPLE: 3761093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3761094 3761095

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.6	10	10	11.2	11.2	95	96	80-120	1	15	

MATRIX SPIKE SAMPLE: 3761096

Parameter	Units	50388306001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	10.4	97	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: M-4 **Lab ID: 50388302001** Collected: 11/19/24 11:50 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.02 ± 0.816 (1.23) C:NA T:83%**	pCi/L	12/13/24 13:28	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.99 ± 0.662 (0.961) C:77% T:80%**	pCi/L	12/12/24 11:27	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.01 ± 1.48 (2.19)**	pCi/L	12/13/24 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17D **Lab ID: 50388302002** Collected: 11/19/24 13:50 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**2.46 ± 1.03 (1.28) C:NA T:94%**	pCi/L	12/13/24 13:28	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.849 ± 0.393 (0.658) C:81% T:88%**	pCi/L	12/12/24 11:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.31 ± 1.42 (1.94)**	pCi/L	12/13/24 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17I **Lab ID: 50388302003** Collected: 11/19/24 12:07 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.659 ± 0.527 (0.784) C:NA T:87%**	pCi/L	12/13/24 13:28	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.564 ± 0.327 (0.582) C:77% T:87%**	pCi/L	12/12/24 11:28	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.22 ± 0.854 (1.37)**	pCi/L	12/13/24 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17I MS **Lab ID: 50388302004** Collected: 11/19/24 12:07 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**88.28 %REC ± NA (NA) C:NA T:NA**	pCi/L	12/13/24 13:28	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**109.56 %REC ± NA (NA) C:NA T:NA**	pCi/L	12/12/24 11:28	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Sample: MW-17I MSD **Lab ID: 50388302005** Collected: 11/19/24 12:07 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**113.07 %REC 24.62RPD ± NA (NA) C:NA T:NA**	pCi/L	12/13/24 13:28	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**86.65 %REC 23.36RPD ± NA (NA) C:NA T:NA**	pCi/L	12/12/24 11:28	15262-20-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 711718
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388302001, 50388302002, 50388302003, 50388302004, 50388302005

METHOD BLANK: 3466233 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003, 50388302004, 50388302005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.182 ± 0.296 (0.642) C:78% T:84%	pCi/L	12/12/24 11:27	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

QC Batch: 711716
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388302001, 50388302002, 50388302003, 50388302004, 50388302005

METHOD BLANK: 3466225 Matrix: Water
Associated Lab Samples: 50388302001, 50388302002, 50388302003, 50388302004, 50388302005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.217 ± 0.199 (0.117) C:NA T:94%	pCi/L	12/13/24 13:28	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R3
Pace Project No.: 50388302

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388302001	**M-4**	EPA 9056	820546		
50388302002	**MW-17D**	EPA 9056	820546		
50388302003	**MW-17I**	EPA 9056	820546		
50388302001	**M-4**	EPA 3010	820542	EPA 6010	821728
50388302002	**MW-17D**	EPA 3010	820542	EPA 6010	821728
50388302003	**MW-17I**	EPA 3010	820542	EPA 6010	821728
50388302001	**M-4**	EPA 3010	820043	EPA 6010	820420
50388302002	**MW-17D**	EPA 3010	820043	EPA 6010	820420
50388302003	**MW-17I**	EPA 3010	820043	EPA 6010	820420
50388302001	**M-4**	EPA 200.2	820898	EPA 6020	821259
50388302002	**MW-17D**	EPA 200.2	820898	EPA 6020	821259
50388302003	**MW-17I**	EPA 200.2	820898	EPA 6020	821259
50388302001	**M-4**	EPA 903.1	711716		
50388302002	**MW-17D**	EPA 903.1	711716		
50388302003	**MW-17I**	EPA 903.1	711716		
50388302004	**MW-17I MS**	EPA 903.1	711716		
50388302005	**MW-17I MSD**	EPA 903.1	711716		
50388302001	**M-4**	EPA 904.0	711718		
50388302002	**MW-17D**	EPA 904.0	711718		
50388302003	**MW-17I**	EPA 904.0	711718		
50388302004	**MW-17I MS**	EPA 904.0	711718		
50388302005	**MW-17I MSD**	EPA 904.0	711718		
50388302001	**M-4**	Total Radium Calculation	715389		
50388302002	**MW-17D**	Total Radium Calculation	715389		
50388302003	**MW-17I**	Total Radium Calculation	715389		
50388302001	**M-4**	SM 2320B	820443		
50388302002	**MW-17D**	SM 2320B	820443		
50388302003	**MW-17I**	SM 2320B	820443		
50388302001	**M-4**	SM 2540C	820242		
50388302002	**MW-17D**	SM 2540C	820242		
50388302003	**MW-17I**	SM 2540C	820242		
50388302001	**M-4**	SM 4500-H+B	820295		
50388302002	**MW-17D**	SM 4500-H+B	820295		
50388302003	**MW-17I**	SM 4500-H+B	820295		
50388302001	**M-4**	EPA 353.2	819917		
50388302002	**MW-17D**	EPA 353.2	819918		
50388302003	**MW-17I**	EPA 353.2	819918		
50388302001	**M-4**	SM 5310C	821876		
50388302002	**MW-17D**	SM 5310C	821876		
50388302003	**MW-17I**	SM 5310C	821876		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50388302

50388302

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R3	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA	Sample Comment
M-4	GW	G	11/19/24	1150			10			1	1	1	2	1	1	1	2	001
MW-17D	"	"	"	1350			"			"	"	"	"	"	"	"	"	002
MW-17I	"	"	"	1207			"			"	"	"	"	"	"	"	"	003
MS-5	"	"	"	1207			"			"	"	"	"	"	"	"	"	004
MSD-5	"	"	"	1207			"			"	"	"	"	"	"	"	"	005

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165232

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Epler / Mykah Bettcher
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	B	0.0	see sour		Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	11/19/24 1545		11/19/24 15:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/19/24 17:17 JG

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A (B) C D E F G H I

2. **Cooler Temperature(s):** (Initial/Corrected) 3.0/3.0 | 4.9/4.9 | | |
RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** Circle One: Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☐ Yes ☑ No

(If yes)**Seals Intact:** ☐ Yes ☐ No **(leave blank if no seals were present)**

5. **Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C
If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2	—					
Time **5035A TC placed in Freezer or Short Holds To Lab**	Time: 18:30		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Rush TAT Requested (4 days or less):		—	Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Custody Signatures Present?	—		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Containers Intact?:	—		Trip Blank Present?		—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—		Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

| | | |

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Dear Mr. Breting:

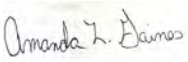
Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388306001	**MW-11S**	Water	11/19/24 09:15	11/19/24 15:45
50388306002	**MW-8S**	Water	11/19/24 09:42	11/19/24 15:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388306001	**MW-11S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388306002	**MW-8S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ELK	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	DAW	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388306001	**MW-11S**					
EPA 9056	Chloride	29.5	mg/L	2.5	11/27/24 03:45	
EPA 9056	Fluoride	1.5	mg/L	0.10	11/27/24 03:27	
EPA 9056	Sulfate	104	mg/L	2.5	11/27/24 03:45	
EPA 6010	Barium	77.2	ug/L	10.0	12/03/24 13:12	
EPA 6010	Boron	924	ug/L	100	12/03/24 13:12	
EPA 6010	Calcium	52300	ug/L	1000	12/03/24 13:12	
EPA 6010	Iron	485	ug/L	100	12/03/24 13:12	
EPA 6010	Magnesium	32800	ug/L	1000	12/03/24 13:12	
EPA 6010	Manganese	41.6	ug/L	10.0	12/03/24 13:12	
EPA 6010	Molybdenum	77.3	ug/L	10.0	12/03/24 13:12	
EPA 6010	Potassium	1440	ug/L	1000	12/03/24 13:12	
EPA 6010	Sodium	21700	ug/L	1000	12/03/24 13:12	
EPA 6010	Molybdenum, Dissolved	73.1	ug/L	10.0	11/21/24 18:21	
EPA 6020	Arsenic	3.5	ug/L	1.0	11/27/24 04:52	
EPA 903.1	Radium-226	0.487 ± 0.611 (1.01) C:NA T:90%	pCi/L		12/16/24 13:11	
EPA 904.0	Radium-228	0.423 ± 0.387 (0.785) C:75% T:85%	pCi/L		12/13/24 12:35	
Total Radium Calculation	Total Radium	0.910 ± 0.998 (1.80)	pCi/L		12/16/24 16:49	
SM 2320B	Alkalinity, Total as CaCO3	206	mg/L	10.0	11/21/24 23:30	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	195	mg/L	10.0	11/21/24 23:30	
SM 2320B	Alkalinity,Carbonate (CaCO3)	11.2	mg/L	10.0	11/21/24 23:30	
SM 2540C	Total Dissolved Solids	418	mg/L	10.0	11/21/24 13:21	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	11/21/24 12:01	H3
50388306002	**MW-8S**					
EPA 9056	Chloride	203	mg/L	2.5	11/27/24 05:10	
EPA 9056	Fluoride	0.12	mg/L	0.10	11/27/24 04:53	
EPA 9056	Sulfate	461	mg/L	2.5	11/27/24 05:10	
EPA 6010	Barium	42.0	ug/L	10.0	12/03/24 13:14	
EPA 6010	Boron	6770	ug/L	100	12/03/24 13:14	
EPA 6010	Calcium	195000	ug/L	1000	12/03/24 13:14	
EPA 6010	Lithium	101	ug/L	20.0	12/03/24 13:14	
EPA 6010	Magnesium	54900	ug/L	1000	12/03/24 13:14	
EPA 6010	Manganese	278	ug/L	10.0	12/03/24 13:14	
EPA 6010	Molybdenum	152	ug/L	10.0	12/03/24 13:14	
EPA 6010	Potassium	18000	ug/L	1000	12/03/24 13:14	
EPA 6010	Sodium	161000	ug/L	1000	12/03/24 13:14	
EPA 6010	Molybdenum, Dissolved	154	ug/L	10.0	11/21/24 18:23	
EPA 6020	Cobalt	1.1	ug/L	1.0	11/27/24 04:56	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388306002	**MW-8S**					
EPA 903.1	Radium-226	-0.380 ± 0.725 (1.49) C:NA T:90%	pCi/L		12/16/24 13:11	
EPA 904.0	Radium-228	0.862 ± 0.410 (0.669) C:73% T:85%	pCi/L		12/13/24 12:35	
Total Radium Calculation	Total Radium	0.862 ± 1.14 (2.16)	pCi/L		12/16/24 16:49	
SM 2320B	Alkalinity, Total as CaCO3	400	mg/L	10.0	11/21/24 23:30	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	400	mg/L	10.0	11/21/24 23:30	
SM 2540C	Total Dissolved Solids	1310	mg/L	20.0	11/21/24 13:21	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	11/21/24 12:07	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Sample: MW-11S **Lab ID: 50388306001** Collected: 11/19/24 09:15 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**29.5**	mg/L	2.5	1.3	10		11/27/24 03:45	16887-00-6	
Fluoride	**1.5**	mg/L	0.10	0.016	1		11/27/24 03:27	16984-48-8	
Sulfate	**104**	mg/L	2.5	1.9	10		11/27/24 03:45	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**77.2**	ug/L	10.0	0.68	1	11/25/24 07:28	12/03/24 13:12	7440-39-3	
Boron	**924**	ug/L	100	5.6	1	11/25/24 07:28	12/03/24 13:12	7440-42-8	
Calcium	**52300**	ug/L	1000	83.9	1	11/25/24 07:28	12/03/24 13:12	7440-70-2	
Iron	**485**	ug/L	100	41.0	1	11/25/24 07:28	12/03/24 13:12	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 07:28	12/03/24 13:12	7439-93-2	
Magnesium	**32800**	ug/L	1000	53.7	1	11/25/24 07:28	12/03/24 13:12	7439-95-4	
Manganese	**41.6**	ug/L	10.0	0.77	1	11/25/24 07:28	12/03/24 13:12	7439-96-5	
Molybdenum	**77.3**	ug/L	10.0	1.4	1	11/25/24 07:28	12/03/24 13:12	7439-98-7	
Potassium	**1440**	ug/L	1000	113	1	11/25/24 07:28	12/03/24 13:12	7440-09-7	
Sodium	**21700**	ug/L	1000	95.0	1	11/25/24 07:28	12/03/24 13:12	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**73.1**	ug/L	10.0	1.4	1	11/21/24 07:23	11/21/24 18:21	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 04:52	7440-36-0	
Arsenic	**3.5**	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 04:52	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 04:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 04:52	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**206**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Bicarbonate (CaCO3)	**195**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Carbonate (CaCO3)	**11.2**	mg/L	10.0	10.0	1		11/21/24 23:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**418**	mg/L	10.0	10.0	1		11/21/24 13:21		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		11/21/24 12:01		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Sample: MW-11S **Lab ID: 50388306001** Collected: 11/19/24 09:15 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/19/24 23:57	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.25	1		12/04/24 02:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Sample: MW-8S **Lab ID: 50388306002** Collected: 11/19/24 09:42 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**203**	mg/L	2.5	1.3	10		11/27/24 05:10	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.016	1		11/27/24 04:53	16984-48-8	
Sulfate	**461**	mg/L	2.5	1.9	10		11/27/24 05:10	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**42.0**	ug/L	10.0	0.68	1	11/25/24 07:28	12/03/24 13:14	7440-39-3	
Boron	**6770**	ug/L	100	5.6	1	11/25/24 07:28	12/03/24 13:14	7440-42-8	
Calcium	**195000**	ug/L	1000	83.9	1	11/25/24 07:28	12/03/24 13:14	7440-70-2	
Iron	ND	ug/L	100	41.0	1	11/25/24 07:28	12/03/24 13:14	7439-89-6	
Lithium	**101**	ug/L	20.0	3.8	1	11/25/24 07:28	12/03/24 13:14	7439-93-2	
Magnesium	**54900**	ug/L	1000	53.7	1	11/25/24 07:28	12/03/24 13:14	7439-95-4	
Manganese	**278**	ug/L	10.0	0.77	1	11/25/24 07:28	12/03/24 13:14	7439-96-5	
Molybdenum	**152**	ug/L	10.0	1.4	1	11/25/24 07:28	12/03/24 13:14	7439-98-7	
Potassium	**18000**	ug/L	1000	113	1	11/25/24 07:28	12/03/24 13:14	7440-09-7	
Sodium	**161000**	ug/L	1000	95.0	1	11/25/24 07:28	12/03/24 13:14	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**154**	ug/L	10.0	1.4	1	11/21/24 07:23	11/21/24 18:23	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/26/24 09:35	11/27/24 04:56	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/26/24 09:35	11/27/24 04:56	7440-38-2	
Cobalt	**1.1**	ug/L	1.0	0.045	1	11/26/24 09:35	11/27/24 04:56	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/26/24 09:35	11/27/24 04:56	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**400**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Bicarbonate (CaCO3)	**400**	mg/L	10.0	10.0	1		11/21/24 23:30		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/21/24 23:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1310**	mg/L	20.0	20.0	1		11/21/24 13:21		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		11/21/24 12:07		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Sample: MW-8S **Lab ID: 50388306002** Collected: 11/19/24 09:42 Received: 11/19/24 15:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/20/24 00:01	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.0	4		12/04/24 17:32		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820386
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3754335 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/26/24 10:46	
Fluoride	mg/L	ND	0.10	0.016	11/26/24 10:46	
Sulfate	mg/L	ND	0.25	0.19	11/26/24 10:46	

LABORATORY CONTROL SAMPLE: 3754336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3754337 3754338

Parameter	Units	50388047002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	21.3	2.5	2.5	23.7	23.8	98	98	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.0	1.0	95	95	80-120	0	15	
Sulfate	mg/L	62.6	50	50	106	107	87	88	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820648
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3755586 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/03/24 12:17	
Boron	ug/L	ND	100	5.6	12/03/24 12:17	
Calcium	ug/L	ND	1000	83.9	12/03/24 12:17	
Iron	ug/L	ND	100	41.0	12/03/24 12:17	
Lithium	ug/L	ND	20.0	3.8	12/03/24 12:17	
Magnesium	ug/L	ND	1000	53.7	12/03/24 12:17	
Manganese	ug/L	ND	10.0	0.77	12/03/24 12:17	
Molybdenum	ug/L	ND	10.0	1.4	12/03/24 12:17	
Potassium	ug/L	ND	1000	113	12/03/24 12:17	
Sodium	ug/L	ND	1000	95.0	12/03/24 12:17	

LABORATORY CONTROL SAMPLE: 3755587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	983	98	80-120	
Calcium	ug/L	10000	10100	101	80-120	
Iron	ug/L	10000	10000	100	80-120	
Lithium	ug/L	1000	994	99	80-120	
Magnesium	ug/L	10000	10000	100	80-120	
Manganese	ug/L	1000	981	98	80-120	
Molybdenum	ug/L	1000	1000	100	80-120	
Potassium	ug/L	10000	9570	96	80-120	
Sodium	ug/L	10000	9850	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755588 3755589

Parameter	Units	50388366001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.071 mg/L	1000	1000	1070	1060	100	99	75-125	1	20	
Boron	ug/L	0.33 mg/L	1000	1000	1350	1330	102	100	75-125	2	20	
Calcium	ug/L	166 mg/L	10000	10000	176000	174000	105	78	75-125	2	20	
Iron	ug/L	0.51 mg/L	10000	10000	10300	10300	98	98	75-125	1	20	
Lithium	ug/L	0.064 mg/L	1000	1000	1050	1050	99	99	75-125	0	20	
Magnesium	ug/L	36.7 mg/L	10000	10000	46700	46200	100	94	75-125	1	20	
Manganese	ug/L	0.43 mg/L	1000	1000	1390	1380	96	95	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755588 3755589

Parameter	Units	50388366001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum	ug/L	ND	1000	1000	1020	1020	102	101	75-125	0	20	
Potassium	ug/L	5.0 mg/L	10000	10000	14800	14700	97	97	75-125	0	20	
Sodium	ug/L	76.6 mg/L	10000	10000	86300	85800	97	92	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820043
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3752530 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/21/24 17:24	

LABORATORY CONTROL SAMPLE: 3752531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752532 3752533

Parameter	Units	50387914001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1030	101	103	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752534 3752535

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1050	1030	104	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820898
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3756748 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	11/27/24 03:04	
Arsenic	ug/L	ND	1.0	0.080	11/27/24 03:04	
Cobalt	ug/L	ND	1.0	0.045	11/27/24 03:04	
Selenium	ug/L	ND	1.0	0.26	11/27/24 03:04	

LABORATORY CONTROL SAMPLE: 3756749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.6	102	80-120	
Arsenic	ug/L	40	38.8	97	80-120	
Cobalt	ug/L	40	40.3	101	80-120	
Selenium	ug/L	40	40.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756750 3756751

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	42.1	105	105	75-125	0	20	
Arsenic	ug/L	2.8	40	40	40.6	40.8	94	95	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.4	37.5	93	93	75-125	0	20	
Selenium	ug/L	ND	40	40	39.7	39.6	99	99	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820443
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3754624 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/21/24 23:30	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/21/24 23:30	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/21/24 23:30	

LABORATORY CONTROL SAMPLE: 3754625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.7	97	90-110	

SAMPLE DUPLICATE: 3754626

Parameter	Units	50388302003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	227	230	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	227	230	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3754627

Parameter	Units	50388317002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	198	199	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	198	199	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820242
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3753526 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/21/24 13:12	

LABORATORY CONTROL SAMPLE: 3753527

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	275	92	80-120	

SAMPLE DUPLICATE: 3753528

Parameter	Units	50388302003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	590	595	1	10	

SAMPLE DUPLICATE: 3753529

Parameter	Units	50388266001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	356	347	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 820300
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50388306001, 50388306002

SAMPLE DUPLICATE: 3753850

Parameter	Units	50388306001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.8	7.8	1	2	H3

SAMPLE DUPLICATE: 3753863

Parameter	Units	50388434004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 819917
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3752068 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/19/24 23:46	

LABORATORY CONTROL SAMPLE: 3752069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3752070 3752071

Parameter	Units	50388286004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	29.7	25	25	57.0	57.5	109	111	90-110	1	20	

MATRIX SPIKE SAMPLE: 3752072

Parameter	Units	50388306001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	103	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 821876
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3761092 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/03/24 20:03	

LABORATORY CONTROL SAMPLE: 3761093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3761094 3761095

Parameter	Units	50388302003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.6	10	10	11.2	11.2	95	96	80-120	1	15	

MATRIX SPIKE SAMPLE: 3761096

Parameter	Units	50388306001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	10.4	97	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Sample: MW-11S **Lab ID: 50388306001** Collected: 11/19/24 09:15 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.487 ± 0.611 (1.01) C:NA T:90%**	pCi/L	12/16/24 13:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.423 ± 0.387 (0.785) C:75% T:85%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.910 ± 0.998 (1.80)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Sample: MW-8S **Lab ID: 50388306002** Collected: 11/19/24 09:42 Received: 11/19/24 15:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.380 ± 0.725 (1.49) C:NA T:90%**	pCi/L	12/16/24 13:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.862 ± 0.410 (0.669) C:73% T:85%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.862 ± 1.14 (2.16)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 711732
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3466325 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.361 ± 0.394 (0.819) C:63% T:89%	pCi/L	12/13/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

QC Batch: 711731
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388306001, 50388306002

METHOD BLANK: 3466324 Matrix: Water
Associated Lab Samples: 50388306001, 50388306002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.137 ± 0.268 (0.490) C:NA T:96%	pCi/L	12/16/24 12:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50388306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388306001	**MW-11S**	EPA 9056	820386		
50388306002	**MW-8S**	EPA 9056	820386		
50388306001	**MW-11S**	EPA 3010	820648	EPA 6010	821822
50388306002	**MW-8S**	EPA 3010	820648	EPA 6010	821822
50388306001	**MW-11S**	EPA 3010	820043	EPA 6010	820420
50388306002	**MW-8S**	EPA 3010	820043	EPA 6010	820420
50388306001	**MW-11S**	EPA 200.2	820898	EPA 6020	821259
50388306002	**MW-8S**	EPA 200.2	820898	EPA 6020	821259
50388306001	**MW-11S**	EPA 903.1	711731		
50388306002	**MW-8S**	EPA 903.1	711731		
50388306001	**MW-11S**	EPA 904.0	711732		
50388306002	**MW-8S**	EPA 904.0	711732		
50388306001	**MW-11S**	Total Radium Calculation	715723		
50388306002	**MW-8S**	Total Radium Calculation	715723		
50388306001	**MW-11S**	SM 2320B	820443		
50388306002	**MW-8S**	SM 2320B	820443		
50388306001	**MW-11S**	SM 2540C	820242		
50388306002	**MW-8S**	SM 2540C	820242		
50388306001	**MW-11S**	SM 4500-H+B	820300		
50388306002	**MW-8S**	SM 4500-H+B	820300		
50388306001	**MW-11S**	EPA 353.2	819917		
50388306002	**MW-8S**	EPA 353.2	819917		
50388306001	**MW-11S**	SM 5310C	821876		
50388306002	**MW-8S**	SM 5310C	821876		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50388306

50388306

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
MW-11S	GW	G	11/19/24	0915			10			1	1	1	2	1	1	1	2				
MW-8S	GW	G	11/19/24	0942			10			1	1	1	2	1	1	1	2				

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection

Collected By:
(Printed Name) Connor Eple / Mariah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	B	0.0	5.6	5.6	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	11/19/24 1545		11/19/24 15:45	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/19/24 17:17 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I	**5. Packing Material:** ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____
2. Cooler Temperature(s): (Initial/Corrected) 5.6/5.6 RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)	**6. Ice Type:** ☑ Wet ☐ Blue ☐ None
3. Courier: Circle One: Fed Ex UPS (Client) Pace Now/Jett Other	**7. Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
4. Custody Seal on Cooler/Box Present: ☐ Yes ☑ No	Cooler temp should be above freezing to 6°C
(If yes)Seals Intact: ☐ Yes ☐ No (leave blank if no seals were present)	If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		~	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: ~~HNO3 (<2)~~ H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	~		
Short Hold Time Analysis (48 hours or less)? **Analysis:** 353.2	~					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 18:35		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ~
Rush TAT Requested (4 days or less):		~	Residual Chlorine Check (Total/Amenable/Free Cyanide)			~
Custody Signatures Present?	~		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ~
Containers Intact?:	~		Trip Blank Present?		~	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	~		Trip Blank Custody Seals?:			~
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2												↓				↓	↓	↓	↓	↓									↓	↓	↓			
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Dear Mr. Breting:

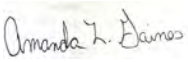
Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388471001	**Field Blank 1**	Water	11/20/24 15:00	11/20/24 16:28

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388471001	**Field Blank 1**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388471001	**Field Blank 1**					
EPA 903.1	Radium-226	-0.0587 ± 0.620 (1.22) C:NA T:99%	pCi/L		12/16/24 13:11	
EPA 904.0	Radium-228	0.579 ± 0.443 (0.887) C:74% T:95%	pCi/L		12/13/24 12:35	
Total Radium Calculation	Total Radium	0.579 ± 1.06 (2.11)	pCi/L		12/16/24 16:49	
SM 4500-H+B	pH at 25 Degrees C	7.0	Std. Units	0.10	11/21/24 12:42	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Sample: Field Blank 1 **Lab ID: 50388471001** Collected: 11/20/24 15:00 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	ND	mg/L	0.25	0.13	1		11/27/24 15:57	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		11/27/24 15:57	16984-48-8	
Sulfate	ND	mg/L	0.25	0.19	1		11/27/24 15:57	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	ND	ug/L	10.0	0.68	1	11/26/24 07:36	12/03/24 17:50	7440-39-3	
Boron	ND	ug/L	100	5.6	1	11/26/24 07:36	12/03/24 17:50	7440-42-8	
Calcium	ND	ug/L	1000	83.9	1	11/26/24 07:36	12/03/24 17:50	7440-70-2	
Iron	ND	ug/L	100	41.0	1	11/26/24 07:36	12/03/24 17:50	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/26/24 07:36	12/03/24 17:50	7439-93-2	
Magnesium	ND	ug/L	1000	53.7	1	11/26/24 07:36	12/03/24 17:50	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	11/26/24 07:36	12/03/24 17:50	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/26/24 07:36	12/03/24 17:50	7439-98-7	
Potassium	ND	ug/L	1000	113	1	11/26/24 07:36	12/03/24 17:50	7440-09-7	
Sodium	ND	ug/L	1000	95.0	1	11/26/24 07:36	12/03/24 17:50	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/27/24 07:11	11/27/24 23:50	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	11/27/24 07:50	12/01/24 15:32	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	11/27/24 07:50	12/01/24 15:32	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	11/27/24 07:50	12/01/24 15:32	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	11/27/24 07:50	12/01/24 15:32	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		11/23/24 11:01		PL
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.0**	Std. Units	0.10	0.10	1		11/21/24 12:42		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Sample: Field Blank 1 **Lab ID: 50388471001** Collected: 11/20/24 15:00 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 14:24	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.25	1		12/09/24 21:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 820555
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3755171 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/27/24 12:28	
Fluoride	mg/L	ND	0.10	0.016	11/27/24 12:28	
Sulfate	mg/L	ND	0.25	0.19	11/27/24 12:28	

LABORATORY CONTROL SAMPLE: 3755172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755173 3755174

Parameter	Units	50388375011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	127	25	25	146	145	74	73	80-120	0	15	M0
Fluoride	mg/L	0.68	1	1	1.7	1.7	101	101	80-120	0	15	
Sulfate	mg/L	65.1	50	50	109	109	88	88	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 820708
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3756154 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/03/24 16:52	
Boron	ug/L	ND	100	5.6	12/03/24 16:52	
Calcium	ug/L	ND	1000	83.9	12/03/24 16:52	
Iron	ug/L	ND	100	41.0	12/03/24 16:52	
Lithium	ug/L	ND	20.0	3.8	12/03/24 16:52	
Magnesium	ug/L	ND	1000	53.7	12/03/24 16:52	
Manganese	ug/L	ND	10.0	0.77	12/03/24 16:52	
Molybdenum	ug/L	ND	10.0	1.4	12/03/24 16:52	
Potassium	ug/L	ND	1000	113	12/03/24 16:52	
Sodium	ug/L	ND	1000	95.0	12/03/24 16:52	

LABORATORY CONTROL SAMPLE: 3756155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	958	96	80-120	
Boron	ug/L	1000	965	96	80-120	
Calcium	ug/L	10000	9560	96	80-120	
Iron	ug/L	10000	9400	94	80-120	
Lithium	ug/L	1000	947	95	80-120	
Magnesium	ug/L	10000	9640	96	80-120	
Manganese	ug/L	1000	937	94	80-120	
Molybdenum	ug/L	1000	979	98	80-120	
Potassium	ug/L	10000	9140	91	80-120	
Sodium	ug/L	10000	9130	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756156 3756157

Parameter	Units	50388501021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.096 mg/L	1000	1000	1050	1060	96	96	75-125	0	20	
Boron	ug/L	0.27 mg/L	1000	1000	1270	1280	101	101	75-125	1	20	
Calcium	ug/L	277 mg/L	10000	10000	282000	282000	55	52	75-125	0	20	E,P6
Iron	ug/L	15.3 mg/L	10000	10000	24500	24500	92	92	75-125	0	20	
Lithium	ug/L	0.079 mg/L	1000	1000	1040	1030	96	95	75-125	1	20	
Magnesium	ug/L	119 mg/L	10000	10000	127000	127000	80	82	75-125	0	20	
Manganese	ug/L	0.38 mg/L	1000	1000	1290	1300	91	91	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756156 3756157

Parameter	Units	50388501021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum	ug/L	0.0043J mg/L	1000	1000	990	1000	99	100	75-125	1	20	
Potassium	ug/L	5.9 mg/L	10000	10000	15400	15200	95	94	75-125	1	20	
Sodium	ug/L	48.4 mg/L	10000	10000	57200	56800	88	85	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 821038
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3757205 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/27/24 22:52	

LABORATORY CONTROL SAMPLE: 3757206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	975	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3757207 3757208

Parameter	Units	50388463006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	4.3J	1000	1000	1010	1010	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 821146
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3757436 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	12/01/24 01:38	
Arsenic	ug/L	ND	1.0	0.080	12/01/24 01:38	
Cobalt	ug/L	ND	1.0	0.045	12/01/24 01:38	
Selenium	ug/L	ND	1.0	0.26	12/01/24 01:38	

LABORATORY CONTROL SAMPLE: 3757437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	39.2	98	80-120	
Arsenic	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	39.5	99	80-120	
Selenium	ug/L	40	38.3	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3757438 3757439

Parameter	Units	50388362008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	39.4	39.2	99	98	75-125	1	20	
Arsenic	ug/L	ND	40	40	31.4	30.7	77	75	75-125	2	20	
Cobalt	ug/L	0.098 mg/L	40	40	139	140	101	105	75-125	1	20	
Selenium	ug/L	0.0042 mg/L	40	40	36.0	34.5	80	76	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 820445
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3754632 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 01:25	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 01:25	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 01:25	

LABORATORY CONTROL SAMPLE: 3754633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.6	97	90-110	

SAMPLE DUPLICATE: 3754634

Parameter	Units	50388047002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	353	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	338	337	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	11.6	16.0	32	20	R1

SAMPLE DUPLICATE: 3754635

Parameter	Units	50388433007 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	407	412	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	391	390	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	16.0	22.4	33	20	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 820704
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3756138 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/23/24 10:57	

LABORATORY CONTROL SAMPLE: 3756139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	276	92	80-120	

SAMPLE DUPLICATE: 3756140

Parameter	Units	50388468001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1070	1	10	

SAMPLE DUPLICATE: 3756141

Parameter	Units	50388469002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1590	1640	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 820300
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50388471001

SAMPLE DUPLICATE: 3753850

Parameter	Units	50388306001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.8	7.8	1	2	H3

SAMPLE DUPLICATE: 3753863

Parameter	Units	50388434004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 820207
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3753464 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/21/24 12:49	

LABORATORY CONTROL SAMPLE: 3753465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753466 3753467

Parameter	Units	50388477020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.25	1	1	1.3	1.3	105	105	90-110	0	20	

MATRIX SPIKE SAMPLE: 3753468

Parameter	Units	50388477037 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	3.1	2	4.7	83	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 822736
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388471001

METHOD BLANK: 3765541 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/09/24 20:54	

LABORATORY CONTROL SAMPLE: 3765542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3765543 3765544

Parameter	Units	50388473001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.3	12.4	93	94	80-120	1	15	

MATRIX SPIKE SAMPLE: 3765545

Parameter	Units	50388473002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	3.3	10	12.5	92	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Sample: Field Blank 1 **Lab ID: 50388471001** Collected: 11/20/24 15:00 Received: 11/20/24 16:28 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0587 ± 0.620 (1.22) C:NA T:99%**	pCi/L	12/16/24 13:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.579 ± 0.443 (0.887) C:74% T:95%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.579 ± 1.06 (2.11)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 711732
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388471001

METHOD BLANK: 3466325 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.361 ± 0.394 (0.819) C:63% T:89%	pCi/L	12/13/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

QC Batch: 711731
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388471001

METHOD BLANK: 3466324 Matrix: Water
Associated Lab Samples: 50388471001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.137 ± 0.268 (0.490) C:NA T:96%	pCi/L	12/16/24 12:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
PL	The minimum mass of dried residue of 2.5 mg could not be obtained using the routine sample volume of 100 mL.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R1
Pace Project No.: 50388471

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388471001	**Field Blank 1**	EPA 9056	820555		
50388471001	**Field Blank 1**	EPA 3010	820708	EPA 6010	821890
50388471001	**Field Blank 1**	EPA 3010	821038	EPA 6010	821435
50388471001	**Field Blank 1**	EPA 200.2	821146	EPA 6020	821442
50388471001	**Field Blank 1**	EPA 903.1	711731		
50388471001	**Field Blank 1**	EPA 904.0	711732		
50388471001	**Field Blank 1**	Total Radium Calculation	715723		
50388471001	**Field Blank 1**	SM 2320B	820445		
50388471001	**Field Blank 1**	SM 2540C	820704		
50388471001	**Field Blank 1**	SM 4500-H+B	820300		
50388471001	**Field Blank 1**	EPA 353.2	820207		
50388471001	**Field Blank 1**	SM 5310C	822736		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50388471

50388471

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0052	Invoice To:	Accounts Payable
Project Name:	Harding St November 2024 P1R1	Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
Field Blank 1	GW	G	11/20/24	1500			10			1	1	1	2	1	1	1	2				

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165220

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: (Printed Name) Connor Epler
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
6	G	-0.1	1.5	1.4	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
[illegible] ATLAS	11-20-24 1628	[illegible]	11/20/24 1628	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/20/24 1811 mw

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I

2. **Cooler Temperature(s):** (Initial/Corrected) | 1.5/1.4 | 1.2/1.1 | 0.8/0.7 | 1.1/1.0 |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☑ Yes ☐ No

(If yes)**Seals Intact:** ☑ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** NO3	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 19:10	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **(HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
	Present	Absent	No VOA Vials Sent
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Out Of Temp Instructions if applicable:			

COMMENTS: 6.0 5.9 1.5 / 1.4

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Dear Mr. Breting:

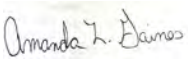
Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388472001	**Field Blank 2**	Water	11/20/24 15:10	11/20/24 16:28

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388472001	**Field Blank 2**	EPA 9056	ADM	3	PASI-I
		EPA 6010	NWB	10	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388472001	**Field Blank 2**					
EPA 6010	Iron	146	ug/L	100	12/04/24 13:40	C0
EPA 903.1	Radium-226	-0.123 ± 0.418 (0.924) C:NA T:97%	pCi/L		12/16/24 13:11	
EPA 904.0	Radium-228	0.608 ± 0.459 (0.906) C:74% T:88%	pCi/L		12/13/24 12:35	
Total Radium Calculation	Total Radium	0.608 ± 0.877 (1.83)	pCi/L		12/16/24 16:49	
SM 4500-H+B	pH at 25 Degrees C	6.6	Std. Units	0.10	11/21/24 12:44	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Sample: Field Blank 2 **Lab ID: 50388472001** Collected: 11/20/24 15:10 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	ND	mg/L	0.25	0.13	1		11/27/24 16:15	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		11/27/24 16:15	16984-48-8	
Sulfate	ND	mg/L	0.25	0.19	1		11/27/24 16:15	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	ND	ug/L	10.0	0.68	1	11/25/24 21:38	12/04/24 13:40	7440-39-3	
Boron	ND	ug/L	100	5.6	1	11/25/24 21:38	12/04/24 13:40	7440-42-8	
Calcium	ND	ug/L	1000	83.9	1	11/25/24 21:38	12/04/24 13:40	7440-70-2	
Iron	**146**	ug/L	100	41.0	1	11/25/24 21:38	12/04/24 13:40	7439-89-6	C0
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 21:38	12/04/24 13:40	7439-93-2	
Magnesium	ND	ug/L	1000	53.7	1	11/25/24 21:38	12/04/24 13:40	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	11/25/24 21:38	12/04/24 13:40	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 21:38	12/04/24 13:40	7439-98-7	
Potassium	ND	ug/L	1000	113	1	11/25/24 21:38	12/04/24 13:40	7440-09-7	
Sodium	ND	ug/L	1000	95.0	1	11/25/24 21:38	12/04/24 13:40	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/27/24 07:11	11/27/24 23:52	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	12/03/24 09:35	12/04/24 07:32	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	12/03/24 09:35	12/04/24 07:32	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	12/03/24 09:35	12/04/24 07:32	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	12/03/24 09:35	12/04/24 07:32	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 01:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		11/23/24 11:01		PL
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**6.6**	Std. Units	0.10	0.10	1		11/21/24 12:44		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Sample: Field Blank 2 **Lab ID: 50388472001** Collected: 11/20/24 15:10 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 13:22	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.25	1		12/09/24 21:30		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 820555
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3755171 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/27/24 12:28	
Fluoride	mg/L	ND	0.10	0.016	11/27/24 12:28	
Sulfate	mg/L	ND	0.25	0.19	11/27/24 12:28	

LABORATORY CONTROL SAMPLE: 3755172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755173 3755174

Parameter	Units	50388375011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	127	25	25	146	145	74	73	80-120	0	15	M0
Fluoride	mg/L	0.68	1	1	1.7	1.7	101	101	80-120	0	15	
Sulfate	mg/L	65.1	50	50	109	109	88	88	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 820651
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50388472001

METHOD BLANK: 3755679 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/04/24 12:42	
Boron	ug/L	ND	100	5.6	12/04/24 12:42	
Calcium	ug/L	ND	1000	83.9	12/04/24 12:42	
Iron	ug/L	ND	100	41.0	12/04/24 12:42	
Lithium	ug/L	ND	20.0	3.8	12/04/24 12:42	
Magnesium	ug/L	ND	1000	53.7	12/04/24 12:42	
Manganese	ug/L	ND	10.0	0.77	12/04/24 12:42	
Molybdenum	ug/L	ND	10.0	1.4	12/04/24 12:42	
Potassium	ug/L	ND	1000	113	12/04/24 12:42	
Sodium	ug/L	ND	1000	95.0	12/04/24 12:42	

LABORATORY CONTROL SAMPLE: 3755680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1020	102	80-120	
Boron	ug/L	1000	989	99	80-120	
Calcium	ug/L	10000	10500	105	80-120	
Iron	ug/L	10000	9950	99	80-120	
Lithium	ug/L	1000	1010	101	80-120	
Magnesium	ug/L	10000	9740	97	80-120	
Manganese	ug/L	1000	1010	101	80-120	
Molybdenum	ug/L	1000	1040	104	80-120	
Potassium	ug/L	10000	10100	101	80-120	
Sodium	ug/L	10000	10100	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755681 3755682

Parameter	Units	50388433001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	131	1000	1000	1110	1200	98	107	75-125	7	20	
Boron	ug/L	449	1000	1000	1450	1430	100	98	75-125	1	20	
Calcium	ug/L	317000	10000	10000	303000	305000	-136	-118	75-125	1	20	E,P6
Iron	ug/L	250	10000	10000	9750	9640	95	94	75-125	1	20	
Lithium	ug/L	47.3	1000	1000	1020	1110	98	106	75-125	8	20	
Magnesium	ug/L	120000	10000	10000	123000	122000	25	19	75-125	1	20	P6
Manganese	ug/L	285	1000	1000	1230	1220	95	93	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1040	1120	103	111	75-125	7	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755681 3755682

Parameter	Units	50388433001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	18200	10000	10000	27400	29500	92	113	75-125	8	20	
Sodium	ug/L	182000	10000	10000	179000	195000	-30	123	75-125	8	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 821038
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3757205 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	11/27/24 22:52	

LABORATORY CONTROL SAMPLE: 3757206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	975	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3757207 3757208

Parameter	Units	50388463006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	4.3J	1000	1000	1010	1010	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 821397
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3759378 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	12/04/24 06:28	
Arsenic	ug/L	ND	1.0	0.080	12/04/24 06:28	
Cobalt	ug/L	ND	1.0	0.045	12/04/24 06:28	
Selenium	ug/L	ND	1.0	0.26	12/04/24 06:28	

LABORATORY CONTROL SAMPLE: 3759379

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.6	104	80-120	
Arsenic	ug/L	40	39.4	99	80-120	
Cobalt	ug/L	40	40.5	101	80-120	
Selenium	ug/L	40	40.2	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3759380 3759381

Parameter	Units	50388715001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.3	41.9	105	104	75-125	1	20	
Arsenic	ug/L	ND	40	40	39.8	39.6	99	99	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.7	37.5	94	94	75-125	0	20	
Selenium	ug/L	2.2	40	40	42.4	41.2	101	98	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 820445
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3754632 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 01:25	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 01:25	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 01:25	

LABORATORY CONTROL SAMPLE: 3754633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.6	97	90-110	

SAMPLE DUPLICATE: 3754634

Parameter	Units	50388047002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	353	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	338	337	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	11.6	16.0	32	20	R1

SAMPLE DUPLICATE: 3754635

Parameter	Units	50388433007 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	407	412	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	391	390	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	16.0	22.4	33	20	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 820704
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3756138 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/23/24 10:57	

LABORATORY CONTROL SAMPLE: 3756139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	276	92	80-120	

SAMPLE DUPLICATE: 3756140

Parameter	Units	50388468001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1070	1	10	

SAMPLE DUPLICATE: 3756141

Parameter	Units	50388469002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1590	1640	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 820300
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50388472001

SAMPLE DUPLICATE: 3753850

Parameter	Units	50388306001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.8	7.8	1	2	H3

SAMPLE DUPLICATE: 3753863

Parameter	Units	50388434004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 820207
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3753464 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/21/24 12:49	

LABORATORY CONTROL SAMPLE: 3753465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753466 3753467

Parameter	Units	50388477020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.25	1	1	1.3	1.3	105	105	90-110	0	20	

MATRIX SPIKE SAMPLE: 3753468

Parameter	Units	50388477037 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	3.1	2	4.7	83	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 822736
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388472001

METHOD BLANK: 3765541 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/09/24 20:54	

LABORATORY CONTROL SAMPLE: 3765542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3765543 3765544

Parameter	Units	50388473001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.3	12.4	93	94	80-120	1	15	

MATRIX SPIKE SAMPLE: 3765545

Parameter	Units	50388473002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	3.3	10	12.5	92	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Sample: Field Blank 2 **Lab ID: 50388472001** Collected: 11/20/24 15:10 Received: 11/20/24 16:28 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.123 ± 0.418 (0.924) C:NA T:97%**	pCi/L	12/16/24 13:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.608 ± 0.459 (0.906) C:74% T:88%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.608 ± 0.877 (1.83)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 711732
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388472001

METHOD BLANK: 3466325 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.361 ± 0.394 (0.819) C:63% T:89%	pCi/L	12/13/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

QC Batch: 711731
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388472001

METHOD BLANK: 3466324 Matrix: Water
Associated Lab Samples: 50388472001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.137 ± 0.268 (0.490) C:NA T:96%	pCi/L	12/16/24 12:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
PL	The minimum mass of dried residue of 2.5 mg could not be obtained using the routine sample volume of 100 mL.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R2
Pace Project No.: 50388472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388472001	**Field Blank 2**	EPA 9056	820555		
50388472001	**Field Blank 2**	EPA 3010	820651	EPA 6010	822003
50388472001	**Field Blank 2**	EPA 3010	821038	EPA 6010	821435
50388472001	**Field Blank 2**	EPA 200.2	821397	EPA 6020	821927
50388472001	**Field Blank 2**	EPA 903.1	711731		
50388472001	**Field Blank 2**	EPA 904.0	711732		
50388472001	**Field Blank 2**	Total Radium Calculation	715723		
50388472001	**Field Blank 2**	SM 2320B	820445		
50388472001	**Field Blank 2**	SM 2540C	820704		
50388472001	**Field Blank 2**	SM 4500-H+B	820300		
50388472001	**Field Blank 2**	EPA 353.2	820207		
50388472001	**Field Blank 2**	SM 5310C	822736		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50388472

50388472

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AE50002		
Project Name:	Harding St November 2024 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
Field Blank 2	GW	G	11/20/24	1510			10			1	1	1	2	1	1	1	2				

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165227

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: (Printed Name) Connor Egler
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
6	G	-0.1	1.6	1.4	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11-20-24 1628		11/20/24 1628	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 4

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.29, 4Oct2024

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/20/24 1811 mw

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I				
2. Cooler Temperature(s): (Initial/Corrected)	1.5/1.4	1.2/1.1	0.8/0.7	1.1/1.0

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Courier: *Circle One* Fed Ex UPS (Client) Pace Now/Jett Other

4. Custody Seal on Cooler/Box Present: ☑ Yes ☐ No

(If yes)Seals Intact: ☑ Yes ☐ No **(leave blank if no seals were present)**

5. Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. Ice Type: ☑ Wet ☐ Blue ☐ None

7. Was the PM notified of out of temp cooler? ☐ Yes ☐ No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓	All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** (**HNO3 (<2)** **H2SO4 (<2)** **NaOH (>10)** **NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Short Hold Time Analysis (48 hours or less)? **Analysis:** NO3	✓					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 19:10		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Rush TAT Requested (4 days or less):		✓	Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Custody Signatures Present?	✓		Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Containers Intact?:	✓		Trip Blank Present?		✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓		Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			Out Of Temp Instructions if applicable:			

COMMENTS: 6.0 5.9 1.5 / 1.4

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER						
			MeOH (only)																											
			SBS																											
			DI																											
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												2				2	1	3	1	1									WT	✓	✓		
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 13, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Dear Mr. Breting:

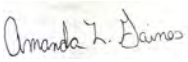
Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50388473001	**MW-17IL**	Water	11/20/24 11:22	11/20/24 16:28
50388473002	**MW-18S**	Water	11/20/24 14:00	11/20/24 16:28
50388473003	**MW-18I**	Water	11/20/24 14:05	11/20/24 16:28
50388473004	**MW-18D**	Water	11/20/24 12:20	11/20/24 16:28
50388473005	**Field Blank 3**	Water	11/20/24 12:00	11/20/24 16:28

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50388473001	**MW-17IL**	EPA 9056	ADM	3	PASI-I
		EPA 6010	NWB	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388473002	**MW-18S**	EPA 9056	ADM	3	PASI-I
		EPA 6010	NWB	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388473003	**MW-18I**	EPA 9056	ADM	3	PASI-I
		EPA 6010	NWB	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388473004	**MW-18D**	EPA 9056	ADM	3	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	NWB	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		EPA 903.1	REH1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50388473005	**Field Blank 3**	EPA 9056	ADM	3	PASI-I
		EPA 6010	ABH	10	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 6020	DMT	4	PASI-I
		SM 2320B	DAW	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388473001	**MW-17IL**					
EPA 9056	Chloride	132	mg/L	2.5	11/26/24 23:52	
EPA 9056	Fluoride	0.28	mg/L	0.10	11/26/24 23:35	
EPA 9056	Sulfate	90.5	mg/L	2.5	11/26/24 23:52	
EPA 6010	Barium	233	ug/L	10.0	12/04/24 13:42	
EPA 6010	Boron	220	ug/L	100	12/04/24 13:42	
EPA 6010	Calcium	90700	ug/L	1000	12/04/24 13:42	
EPA 6010	Iron	2060	ug/L	100	12/04/24 13:42	
EPA 6010	Magnesium	23200	ug/L	1000	12/04/24 13:42	
EPA 6010	Manganese	284	ug/L	10.0	12/04/24 13:42	
EPA 6010	Potassium	7130	ug/L	1000	12/04/24 13:42	
EPA 6010	Sodium	100000	ug/L	1000	12/04/24 13:42	
EPA 6020	Arsenic	3.0	ug/L	1.0	12/04/24 11:42	
EPA 903.1	Radium-226	1.65 ± 0.818 (1.03) C:NA T:94%	pCi/L		12/16/24 12:58	
EPA 904.0	Radium-228	1.11 ± 0.417 (0.575) C:78% T:85%	pCi/L		12/13/24 12:34	
Total Radium Calculation	Total Radium	2.76 ± 1.24 (1.61)	pCi/L		12/16/24 16:49	
SM 2320B	Alkalinity, Total as CaCO3	257	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	257	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	584	mg/L	10.0	11/23/24 11:03	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/21/24 12:20	H3
SM 5310C	Dissolved Organic Carbon	3.0	mg/L	1.0	12/09/24 21:40	
50388473002	**MW-18S**					
EPA 9056	Chloride	119	mg/L	2.5	11/27/24 00:27	
EPA 9056	Fluoride	0.19	mg/L	0.10	11/27/24 00:10	
EPA 9056	Sulfate	66.0	mg/L	2.5	11/27/24 00:27	
EPA 6010	Barium	258	ug/L	10.0	12/04/24 13:44	
EPA 6010	Boron	208	ug/L	100	12/04/24 13:44	
EPA 6010	Calcium	84500	ug/L	1000	12/04/24 13:44	
EPA 6010	Iron	2100	ug/L	100	12/04/24 13:44	
EPA 6010	Magnesium	24000	ug/L	1000	12/04/24 13:44	
EPA 6010	Manganese	263	ug/L	10.0	12/04/24 13:44	
EPA 6010	Potassium	7950	ug/L	1000	12/04/24 13:44	
EPA 6010	Sodium	86000	ug/L	1000	12/04/24 13:44	
EPA 6020	Arsenic	1.9	ug/L	1.0	12/04/24 11:45	
EPA 903.1	Radium-226	1.24 ± 0.792 (1.13) C:NA T:98%	pCi/L		12/16/24 12:58	
EPA 904.0	Radium-228	0.754 ± 0.376 (0.639) C:75% T:94%	pCi/L		12/13/24 12:35	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388473002	**MW-18S**					
Total Radium Calculation	Total Radium	1.99 ± 1.17 (1.77)	pCi/L		12/16/24 16:49	
SM 2320B	Alkalinity, Total as CaCO3	255	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	255	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	530	mg/L	10.0	11/23/24 11:04	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	11/21/24 12:22	H3
SM 5310C	Dissolved Organic Carbon	3.3	mg/L	1.0	12/09/24 22:14	
50388473003	**MW-18I**					
EPA 9056	Chloride	166	mg/L	2.5	11/27/24 01:19	
EPA 9056	Fluoride	0.15	mg/L	0.10	11/27/24 01:02	
EPA 9056	Sulfate	60.2	mg/L	2.5	11/27/24 01:19	
EPA 6010	Barium	454	ug/L	10.0	12/04/24 13:46	
EPA 6010	Boron	361	ug/L	100	12/04/24 13:46	
EPA 6010	Calcium	97900	ug/L	1000	12/04/24 13:46	
EPA 6010	Iron	2960	ug/L	100	12/04/24 13:46	
EPA 6010	Magnesium	29400	ug/L	1000	12/04/24 13:46	
EPA 6010	Manganese	128	ug/L	10.0	12/04/24 13:46	
EPA 6010	Potassium	9750	ug/L	1000	12/04/24 13:46	
EPA 6010	Sodium	95400	ug/L	1000	12/04/24 13:46	
EPA 6020	Arsenic	2.1	ug/L	1.0	12/04/24 11:18	
EPA 903.1	Radium-226	1.94 ± 0.948 (1.25) C:NA T:92%	pCi/L		12/16/24 12:58	
EPA 904.0	Radium-228	1.29 ± 0.483 (0.698) C:74% T:87%	pCi/L		12/13/24 12:35	
Total Radium Calculation	Total Radium	3.23 ± 1.43 (1.95)	pCi/L		12/16/24 16:49	
SM 2320B	Alkalinity, Total as CaCO3	270	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	270	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	597	mg/L	10.0	11/23/24 11:04	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	11/21/24 12:23	H3
SM 5310C	Dissolved Organic Carbon	3.9	mg/L	1.0	12/09/24 22:37	
50388473004	**MW-18D**					
EPA 9056	Chloride	168	mg/L	2.5	11/27/24 02:29	
EPA 9056	Sulfate	80.5	mg/L	2.5	11/27/24 02:29	
EPA 6010	Barium	459	ug/L	10.0	12/04/24 13:49	
EPA 6010	Boron	526	ug/L	100	12/04/24 13:49	
EPA 6010	Calcium	126000	ug/L	1000	12/04/24 13:49	
EPA 6010	Iron	5160	ug/L	100	12/04/24 13:49	
EPA 6010	Magnesium	32800	ug/L	1000	12/04/24 13:49	
EPA 6010	Manganese	58.9	ug/L	10.0	12/04/24 13:49	
EPA 6010	Potassium	5580	ug/L	1000	12/04/24 13:49	
EPA 6010	Sodium	95300	ug/L	1000	12/04/24 13:49	
EPA 6020	Arsenic	21.2	ug/L	1.0	12/04/24 11:49	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50388473004	**MW-18D**					
EPA 903.1	Radium-226	1.25 ± 0.822 (1.17) C:NA T:87%	pCi/L		12/16/24 13:11	
EPA 904.0	Radium-228	1.22 ± 0.563 (0.967) C:73% T:85%	pCi/L		12/13/24 12:35	
Total Radium Calculation	Total Radium	2.47 ± 1.39 (2.14)	pCi/L		12/16/24 16:49	
SM 2320B	Alkalinity, Total as CaCO3	367	mg/L	10.0	11/22/24 20:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	367	mg/L	10.0	11/22/24 20:51	
SM 2540C	Total Dissolved Solids	722	mg/L	20.0	11/23/24 11:04	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	11/21/24 11:50	H3
SM 5310C	Dissolved Organic Carbon	5.1	mg/L	1.0	12/09/24 23:11	
50388473005	**Field Blank 3**					
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	11/21/24 12:25	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-17IL **Lab ID: 50388473001** Collected: 11/20/24 11:22 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**132**	mg/L	2.5	1.3	10		11/26/24 23:52	16887-00-6	
Fluoride	**0.28**	mg/L	0.10	0.016	1		11/26/24 23:35	16984-48-8	
Sulfate	**90.5**	mg/L	2.5	1.9	10		11/26/24 23:52	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**233**	ug/L	10.0	0.68	1	11/25/24 21:38	12/04/24 13:42	7440-39-3	
Boron	**220**	ug/L	100	5.6	1	11/25/24 21:38	12/04/24 13:42	7440-42-8	
Calcium	**90700**	ug/L	1000	83.9	1	11/25/24 21:38	12/04/24 13:42	7440-70-2	
Iron	**2060**	ug/L	100	41.0	1	11/25/24 21:38	12/04/24 13:42	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 21:38	12/04/24 13:42	7439-93-2	
Magnesium	**23200**	ug/L	1000	53.7	1	11/25/24 21:38	12/04/24 13:42	7439-95-4	
Manganese	**284**	ug/L	10.0	0.77	1	11/25/24 21:38	12/04/24 13:42	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 21:38	12/04/24 13:42	7439-98-7	
Potassium	**7130**	ug/L	1000	113	1	11/25/24 21:38	12/04/24 13:42	7440-09-7	
Sodium	**100000**	ug/L	1000	95.0	1	11/25/24 21:38	12/04/24 13:42	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/26/24 07:26	12/03/24 18:14	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	12/01/24 03:00	12/04/24 11:42	7440-36-0	
Arsenic	**3.0**	ug/L	1.0	0.080	1	12/01/24 03:00	12/04/24 11:42	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	12/01/24 03:00	12/04/24 11:42	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	12/01/24 03:00	12/04/24 11:42	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**257**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**257**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**584**	mg/L	10.0	10.0	1		11/23/24 11:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/21/24 12:20		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-17IL **Lab ID: 50388473001** Collected: 11/20/24 11:22 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 11:49	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.0**	mg/L	1.0	0.25	1		12/09/24 21:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18S **Lab ID: 50388473002** Collected: 11/20/24 14:00 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**119**	mg/L	2.5	1.3	10		11/27/24 00:27	16887-00-6	
Fluoride	**0.19**	mg/L	0.10	0.016	1		11/27/24 00:10	16984-48-8	
Sulfate	**66.0**	mg/L	2.5	1.9	10		11/27/24 00:27	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**258**	ug/L	10.0	0.68	1	11/25/24 21:38	12/04/24 13:44	7440-39-3	
Boron	**208**	ug/L	100	5.6	1	11/25/24 21:38	12/04/24 13:44	7440-42-8	
Calcium	**84500**	ug/L	1000	83.9	1	11/25/24 21:38	12/04/24 13:44	7440-70-2	
Iron	**2100**	ug/L	100	41.0	1	11/25/24 21:38	12/04/24 13:44	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 21:38	12/04/24 13:44	7439-93-2	
Magnesium	**24000**	ug/L	1000	53.7	1	11/25/24 21:38	12/04/24 13:44	7439-95-4	
Manganese	**263**	ug/L	10.0	0.77	1	11/25/24 21:38	12/04/24 13:44	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 21:38	12/04/24 13:44	7439-98-7	
Potassium	**7950**	ug/L	1000	113	1	11/25/24 21:38	12/04/24 13:44	7440-09-7	
Sodium	**86000**	ug/L	1000	95.0	1	11/25/24 21:38	12/04/24 13:44	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/26/24 07:26	12/03/24 18:16	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	12/01/24 03:00	12/04/24 11:45	7440-36-0	
Arsenic	**1.9**	ug/L	1.0	0.080	1	12/01/24 03:00	12/04/24 11:45	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	12/01/24 03:00	12/04/24 11:45	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	12/01/24 03:00	12/04/24 11:45	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**255**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**255**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**530**	mg/L	10.0	10.0	1		11/23/24 11:04		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		11/21/24 12:22		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18S **Lab ID: 50388473002** Collected: 11/20/24 14:00 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 13:02	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.3**	mg/L	1.0	0.25	1		12/09/24 22:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18I **Lab ID: 50388473003** Collected: 11/20/24 14:05 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**166**	mg/L	2.5	1.3	10		11/27/24 01:19	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.016	1		11/27/24 01:02	16984-48-8	
Sulfate	**60.2**	mg/L	2.5	1.9	10		11/27/24 01:19	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**454**	ug/L	10.0	0.68	1	11/25/24 21:38	12/04/24 13:46	7440-39-3	
Boron	**361**	ug/L	100	5.6	1	11/25/24 21:38	12/04/24 13:46	7440-42-8	
Calcium	**97900**	ug/L	1000	83.9	1	11/25/24 21:38	12/04/24 13:46	7440-70-2	
Iron	**2960**	ug/L	100	41.0	1	11/25/24 21:38	12/04/24 13:46	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 21:38	12/04/24 13:46	7439-93-2	
Magnesium	**29400**	ug/L	1000	53.7	1	11/25/24 21:38	12/04/24 13:46	7439-95-4	
Manganese	**128**	ug/L	10.0	0.77	1	11/25/24 21:38	12/04/24 13:46	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 21:38	12/04/24 13:46	7439-98-7	
Potassium	**9750**	ug/L	1000	113	1	11/25/24 21:38	12/04/24 13:46	7440-09-7	
Sodium	**95400**	ug/L	1000	95.0	1	11/25/24 21:38	12/04/24 13:46	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/26/24 07:26	12/03/24 18:18	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	12/01/24 03:00	12/04/24 11:18	7440-36-0	
Arsenic	**2.1**	ug/L	1.0	0.080	1	12/01/24 03:00	12/04/24 11:18	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	12/01/24 03:00	12/04/24 11:18	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	12/01/24 03:00	12/04/24 11:18	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**270**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**270**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**597**	mg/L	10.0	10.0	1		11/23/24 11:04		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		11/21/24 12:23		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18I **Lab ID: 50388473003** Collected: 11/20/24 14:05 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 13:06	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.9**	mg/L	1.0	0.25	1		12/09/24 22:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18D **Lab ID: 50388473004** Collected: 11/20/24 12:20 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**168**	mg/L	2.5	1.3	10		11/27/24 02:29	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		11/27/24 02:12	16984-48-8	
Sulfate	**80.5**	mg/L	2.5	1.9	10		11/27/24 02:29	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**459**	ug/L	10.0	0.68	1	11/25/24 21:38	12/04/24 13:49	7440-39-3	
Boron	**526**	ug/L	100	5.6	1	11/25/24 21:38	12/04/24 13:49	7440-42-8	
Calcium	**126000**	ug/L	1000	83.9	1	11/25/24 21:38	12/04/24 13:49	7440-70-2	
Iron	**5160**	ug/L	100	41.0	1	11/25/24 21:38	12/04/24 13:49	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/25/24 21:38	12/04/24 13:49	7439-93-2	
Magnesium	**32800**	ug/L	1000	53.7	1	11/25/24 21:38	12/04/24 13:49	7439-95-4	
Manganese	**58.9**	ug/L	10.0	0.77	1	11/25/24 21:38	12/04/24 13:49	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/25/24 21:38	12/04/24 13:49	7439-98-7	
Potassium	**5580**	ug/L	1000	113	1	11/25/24 21:38	12/04/24 13:49	7440-09-7	
Sodium	**95300**	ug/L	1000	95.0	1	11/25/24 21:38	12/04/24 13:49	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/26/24 07:26	12/03/24 18:21	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	12/01/24 03:00	12/04/24 11:49	7440-36-0	
Arsenic	**21.2**	ug/L	1.0	0.080	1	12/01/24 03:00	12/04/24 11:49	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	12/01/24 03:00	12/04/24 11:49	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	12/01/24 03:00	12/04/24 11:49	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**367**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	**367**	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**722**	mg/L	20.0	20.0	1		11/23/24 11:04		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		11/21/24 11:50		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18D **Lab ID: 50388473004** Collected: 11/20/24 12:20 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 12:21	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**5.1**	mg/L	1.0	0.25	1		12/09/24 23:11		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: Field Blank 3 **Lab ID: 50388473005** Collected: 11/20/24 12:00 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	ND	mg/L	0.25	0.13	1		11/27/24 00:45	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		11/27/24 00:45	16984-48-8	
Sulfate	ND	mg/L	0.25	0.19	1		11/27/24 00:45	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	ND	ug/L	10.0	0.68	1	11/26/24 07:36	12/03/24 17:52	7440-39-3	
Boron	ND	ug/L	100	5.6	1	11/26/24 07:36	12/03/24 17:52	7440-42-8	
Calcium	ND	ug/L	1000	83.9	1	11/26/24 07:36	12/03/24 17:52	7440-70-2	
Iron	ND	ug/L	100	41.0	1	11/26/24 07:36	12/03/24 17:52	7439-89-6	
Lithium	ND	ug/L	20.0	3.8	1	11/26/24 07:36	12/03/24 17:52	7439-93-2	
Magnesium	ND	ug/L	1000	53.7	1	11/26/24 07:36	12/03/24 17:52	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	11/26/24 07:36	12/03/24 17:52	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	11/26/24 07:36	12/03/24 17:52	7439-98-7	
Potassium	ND	ug/L	1000	113	1	11/26/24 07:36	12/03/24 17:52	7440-09-7	
Sodium	ND	ug/L	1000	95.0	1	11/26/24 07:36	12/03/24 17:52	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	11/26/24 07:26	12/03/24 18:23	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	12/01/24 03:00	12/04/24 11:52	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	12/01/24 03:00	12/04/24 11:52	7440-38-2	
Cobalt	ND	ug/L	1.0	0.045	1	12/01/24 03:00	12/04/24 11:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	12/01/24 03:00	12/04/24 11:52	7782-49-2	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		11/22/24 20:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		11/23/24 11:04		PL
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		11/21/24 12:25		H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: Field Blank 3 **Lab ID: 50388473005** Collected: 11/20/24 12:00 Received: 11/20/24 16:28 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		11/21/24 12:12	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.25	1		12/09/24 23:25		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820548 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

METHOD BLANK: 3755151 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	11/26/24 10:31	
Fluoride	mg/L	ND	0.10	0.016	11/26/24 10:31	
Sulfate	mg/L	ND	0.25	0.19	11/26/24 10:31	

LABORATORY CONTROL SAMPLE: 3755152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755158 3755159

Parameter	Units	50388365001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	5.3	2.5	2.5	7.6	7.7	92	93	80-120	0	15	
Fluoride	mg/L	0.13	1	1	1.1	1.1	100	99	80-120	0	15	
Sulfate	mg/L	16.2	5	5	21.1	21.1	99	99	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820651
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004

METHOD BLANK: 3755679 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/04/24 12:42	
Boron	ug/L	ND	100	5.6	12/04/24 12:42	
Calcium	ug/L	ND	1000	83.9	12/04/24 12:42	
Iron	ug/L	ND	100	41.0	12/04/24 12:42	
Lithium	ug/L	ND	20.0	3.8	12/04/24 12:42	
Magnesium	ug/L	ND	1000	53.7	12/04/24 12:42	
Manganese	ug/L	ND	10.0	0.77	12/04/24 12:42	
Molybdenum	ug/L	ND	10.0	1.4	12/04/24 12:42	
Potassium	ug/L	ND	1000	113	12/04/24 12:42	
Sodium	ug/L	ND	1000	95.0	12/04/24 12:42	

LABORATORY CONTROL SAMPLE: 3755680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1020	102	80-120	
Boron	ug/L	1000	989	99	80-120	
Calcium	ug/L	10000	10500	105	80-120	
Iron	ug/L	10000	9950	99	80-120	
Lithium	ug/L	1000	1010	101	80-120	
Magnesium	ug/L	10000	9740	97	80-120	
Manganese	ug/L	1000	1010	101	80-120	
Molybdenum	ug/L	1000	1040	104	80-120	
Potassium	ug/L	10000	10100	101	80-120	
Sodium	ug/L	10000	10100	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755681 3755682

Parameter	Units	50388433001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	131	1000	1000	1110	1200	98	107	75-125	7	20	
Boron	ug/L	449	1000	1000	1450	1430	100	98	75-125	1	20	
Calcium	ug/L	317000	10000	10000	303000	305000	-136	-118	75-125	1	20	E,P6
Iron	ug/L	250	10000	10000	9750	9640	95	94	75-125	1	20	
Lithium	ug/L	47.3	1000	1000	1020	1110	98	106	75-125	8	20	
Magnesium	ug/L	120000	10000	10000	123000	122000	25	19	75-125	1	20	P6
Manganese	ug/L	285	1000	1000	1230	1220	95	93	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1040	1120	103	111	75-125	7	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3755681 3755682

Parameter	Units	50388433001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Potassium	ug/L	18200	10000	10000	27400	29500	92	113	75-125	8	20	
Sodium	ug/L	182000	10000	10000	179000	195000	-30	123	75-125	8	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820708
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473005

METHOD BLANK: 3756154 Matrix: Water
Associated Lab Samples: 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	12/03/24 16:52	
Boron	ug/L	ND	100	5.6	12/03/24 16:52	
Calcium	ug/L	ND	1000	83.9	12/03/24 16:52	
Iron	ug/L	ND	100	41.0	12/03/24 16:52	
Lithium	ug/L	ND	20.0	3.8	12/03/24 16:52	
Magnesium	ug/L	ND	1000	53.7	12/03/24 16:52	
Manganese	ug/L	ND	10.0	0.77	12/03/24 16:52	
Molybdenum	ug/L	ND	10.0	1.4	12/03/24 16:52	
Potassium	ug/L	ND	1000	113	12/03/24 16:52	
Sodium	ug/L	ND	1000	95.0	12/03/24 16:52	

LABORATORY CONTROL SAMPLE: 3756155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	958	96	80-120	
Boron	ug/L	1000	965	96	80-120	
Calcium	ug/L	10000	9560	96	80-120	
Iron	ug/L	10000	9400	94	80-120	
Lithium	ug/L	1000	947	95	80-120	
Magnesium	ug/L	10000	9640	96	80-120	
Manganese	ug/L	1000	937	94	80-120	
Molybdenum	ug/L	1000	979	98	80-120	
Potassium	ug/L	10000	9140	91	80-120	
Sodium	ug/L	10000	9130	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756156 3756157

Parameter	Units	50388501021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.096 mg/L	1000	1000	1050	1060	96	96	75-125	0	20	
Boron	ug/L	0.27 mg/L	1000	1000	1270	1280	101	101	75-125	1	20	
Calcium	ug/L	277 mg/L	10000	10000	282000	282000	55	52	75-125	0	20	E,P6
Iron	ug/L	15.3 mg/L	10000	10000	24500	24500	92	92	75-125	0	20	
Lithium	ug/L	0.079 mg/L	1000	1000	1040	1030	96	95	75-125	1	20	
Magnesium	ug/L	119 mg/L	10000	10000	127000	127000	80	82	75-125	0	20	
Manganese	ug/L	0.38 mg/L	1000	1000	1290	1300	91	91	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756156 3756157

Parameter	Units	50388501021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum	ug/L	0.0043J mg/L	1000	1000	990	1000	99	100	75-125	1	20	
Potassium	ug/L	5.9 mg/L	10000	10000	15400	15200	95	94	75-125	1	20	
Sodium	ug/L	48.4 mg/L	10000	10000	57200	56800	88	85	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820804
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

METHOD BLANK: 3756492 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	12/03/24 17:55	

LABORATORY CONTROL SAMPLE: 3756493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	971	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3756494 3756495

Parameter	Units	50388457008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1020	100	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 821298
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

METHOD BLANK: 3758784 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	12/04/24 09:35	
Arsenic	ug/L	ND	1.0	0.080	12/04/24 09:35	
Cobalt	ug/L	ND	1.0	0.045	12/04/24 09:35	
Selenium	ug/L	ND	1.0	0.26	12/04/24 09:35	

LABORATORY CONTROL SAMPLE: 3758785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.3	101	80-120	
Arsenic	ug/L	40	38.1	95	80-120	
Cobalt	ug/L	40	40.3	101	80-120	
Selenium	ug/L	40	39.5	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3758786 3758787

Parameter	Units	50388473003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	41.8	105	104	75-125	0	20	
Arsenic	ug/L	2.1	40	40	41.1	40.5	97	96	75-125	1	20	
Cobalt	ug/L	ND	40	40	37.9	37.8	94	94	75-125	0	20	
Selenium	ug/L	ND	40	40	39.2	38.7	98	96	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820669 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

METHOD BLANK: 3755751 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	11/22/24 20:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 20:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	11/22/24 20:51	

LABORATORY CONTROL SAMPLE: 3755752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.1	96	90-110	

SAMPLE DUPLICATE: 3755753

Parameter	Units	50388469001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	418	422	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	418	422	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3755754

Parameter	Units	50388473002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	255	260	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	255	260	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820704 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

METHOD BLANK: 3756138 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	11/23/24 10:57	

LABORATORY CONTROL SAMPLE: 3756139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	276	92	80-120	

SAMPLE DUPLICATE: 3756140

Parameter	Units	50388468001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1070	1	10	

SAMPLE DUPLICATE: 3756141

Parameter	Units	50388469002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1590	1640	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820295
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50388473004

SAMPLE DUPLICATE: 3753790

Parameter	Units	50388317005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.2	1	2	H3

SAMPLE DUPLICATE: 3753791

Parameter	Units	50388302003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820300
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473005

SAMPLE DUPLICATE: 3753850

Parameter	Units	50388306001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.8	7.8	1	2	H3

SAMPLE DUPLICATE: 3753863

Parameter	Units	50388434004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820205
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001

METHOD BLANK: 3753454 Matrix: Water
Associated Lab Samples: 50388473001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/21/24 10:57	

LABORATORY CONTROL SAMPLE: 3753455

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753456 3753457

Parameter	Units	50388434002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.40	1	1	1.5	1.5	106	106	90-110	0	20	

MATRIX SPIKE SAMPLE: 3753458

Parameter	Units	50388477009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	0.99	96	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820206
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473004, 50388473005

METHOD BLANK: 3753459 Matrix: Water
Associated Lab Samples: 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/21/24 11:51	

LABORATORY CONTROL SAMPLE: 3753460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753461 3753462

Parameter	Units	50388477012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.19	1	1	1.2	1.2	104	105	90-110	0	20	

MATRIX SPIKE SAMPLE: 3753463

Parameter	Units	50388477029 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	0.99	99	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 820207
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473002, 50388473003

METHOD BLANK: 3753464 Matrix: Water
Associated Lab Samples: 50388473002, 50388473003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	11/21/24 12:49	

LABORATORY CONTROL SAMPLE: 3753465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3753466 3753467

Parameter	Units	50388477020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.25	1	1	1.3	1.3	105	105	90-110	0	20	

MATRIX SPIKE SAMPLE: 3753468

Parameter	Units	50388477037 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	3.1	2	4.7	83	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 822736 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

METHOD BLANK: 3765541 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004, 50388473005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.25	12/09/24 20:54	

LABORATORY CONTROL SAMPLE: 3765542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3765543 3765544

Parameter	Units	50388473001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.3	12.4	93	94	80-120	1	15	

MATRIX SPIKE SAMPLE: 3765545

Parameter	Units	50388473002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	3.3	10	12.5	92	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-17IL **Lab ID: 50388473001** Collected: 11/20/24 11:22 Received: 11/20/24 16:28 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.65 ± 0.818 (1.03) C:NA T:94%**	pCi/L	12/16/24 12:58	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.11 ± 0.417 (0.575) C:78% T:85%**	pCi/L	12/13/24 12:34	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.76 ± 1.24 (1.61)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18S **Lab ID: 50388473002** Collected: 11/20/24 14:00 Received: 11/20/24 16:28 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.24 ± 0.792 (1.13) C:NA T:98%**	pCi/L	12/16/24 12:58	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.754 ± 0.376 (0.639) C:75% T:94%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.99 ± 1.17 (1.77)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18I **Lab ID: 50388473003** Collected: 11/20/24 14:05 Received: 11/20/24 16:28 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.94 ± 0.948 (1.25) C:NA T:92%**	pCi/L	12/16/24 12:58	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.29 ± 0.483 (0.698) C:74% T:87%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.23 ± 1.43 (1.95)**	pCi/L	12/16/24 16:49	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Sample: MW-18D **Lab ID: 50388473004** Collected: 11/20/24 12:20 Received: 11/20/24 16:28 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.25 ± 0.822 (1.17) C:NA T:87%**	pCi/L	12/16/24 13:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.22 ± 0.563 (0.967) C:73% T:85%**	pCi/L	12/13/24 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.47 ± 1.39 (2.14)**	pCi/L	12/16/24 16:49	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 711732
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004

METHOD BLANK: 3466325 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.361 ± 0.394 (0.819) C:63% T:89%	pCi/L	12/13/24 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

QC Batch: 711731
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004

METHOD BLANK: 3466324 Matrix: Water
Associated Lab Samples: 50388473001, 50388473002, 50388473003, 50388473004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.137 ± 0.268 (0.490) C:NA T:96%	pCi/L	12/16/24 12:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
PL	The minimum mass of dried residue of 2.5 mg could not be obtained using the routine sample volume of 100 mL.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388473001	**MW-17IL**	EPA 9056	820548		
50388473002	**MW-18S**	EPA 9056	820548		
50388473003	**MW-18I**	EPA 9056	820548		
50388473004	**MW-18D**	EPA 9056	820548		
50388473005	**Field Blank 3**	EPA 9056	820548		
50388473001	**MW-17IL**	EPA 3010	820651	EPA 6010	822003
50388473002	**MW-18S**	EPA 3010	820651	EPA 6010	822003
50388473003	**MW-18I**	EPA 3010	820651	EPA 6010	822003
50388473004	**MW-18D**	EPA 3010	820651	EPA 6010	822003
50388473005	**Field Blank 3**	EPA 3010	820708	EPA 6010	821890
50388473001	**MW-17IL**	EPA 3010	820804	EPA 6010	821892
50388473002	**MW-18S**	EPA 3010	820804	EPA 6010	821892
50388473003	**MW-18I**	EPA 3010	820804	EPA 6010	821892
50388473004	**MW-18D**	EPA 3010	820804	EPA 6010	821892
50388473005	**Field Blank 3**	EPA 3010	820804	EPA 6010	821892
50388473001	**MW-17IL**	EPA 200.2	821298	EPA 6020	821561
50388473002	**MW-18S**	EPA 200.2	821298	EPA 6020	821561
50388473003	**MW-18I**	EPA 200.2	821298	EPA 6020	821561
50388473004	**MW-18D**	EPA 200.2	821298	EPA 6020	821561
50388473005	**Field Blank 3**	EPA 200.2	821298	EPA 6020	821561
50388473001	**MW-17IL**	EPA 903.1	711731		
50388473002	**MW-18S**	EPA 903.1	711731		
50388473003	**MW-18I**	EPA 903.1	711731		
50388473004	**MW-18D**	EPA 903.1	711731		
50388473001	**MW-17IL**	EPA 904.0	711732		
50388473002	**MW-18S**	EPA 904.0	711732		
50388473003	**MW-18I**	EPA 904.0	711732		
50388473004	**MW-18D**	EPA 904.0	711732		
50388473001	**MW-17IL**	Total Radium Calculation	715723		
50388473002	**MW-18S**	Total Radium Calculation	715723		
50388473003	**MW-18I**	Total Radium Calculation	715723		
50388473004	**MW-18D**	Total Radium Calculation	715723		
50388473001	**MW-17IL**	SM 2320B	820669		
50388473002	**MW-18S**	SM 2320B	820669		
50388473003	**MW-18I**	SM 2320B	820669		
50388473004	**MW-18D**	SM 2320B	820669		
50388473005	**Field Blank 3**	SM 2320B	820669		
50388473001	**MW-17IL**	SM 2540C	820704		
50388473002	**MW-18S**	SM 2540C	820704		
50388473003	**MW-18I**	SM 2540C	820704		
50388473004	**MW-18D**	SM 2540C	820704		
50388473005	**Field Blank 3**	SM 2540C	820704		
50388473001	**MW-17IL**	SM 4500-H+B	820300		
50388473002	**MW-18S**	SM 4500-H+B	820300		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St November 2024 P1R3
Pace Project No.: 50388473

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50388473003	**MW-18I**	SM 4500-H+B	820300		
50388473004	**MW-18D**	SM 4500-H+B	820295		
50388473005	**Field Blank 3**	SM 4500-H+B	820300		
50388473001	**MW-17IL**	EPA 353.2	820205		
50388473002	**MW-18S**	EPA 353.2	820207		
50388473003	**MW-18I**	EPA 353.2	820207		
50388473004	**MW-18D**	EPA 353.2	820206		
50388473005	**Field Blank 3**	EPA 353.2	820206		
50388473001	**MW-17IL**	SM 5310C	822736		
50388473002	**MW-18S**	SM 5310C	822736		
50388473003	**MW-18I**	SM 5310C	822736		
50388473004	**MW-18D**	SM 5310C	822736		
50388473005	**Field Blank 3**	SM 5310C	822736		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50388473

50388473

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:	170AES0002		
Project Name:	Harding St November 2024 P1R3	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other _____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate; 4500H+ pH	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment
MW-17IL	GW	G	11/20/24	1122			10			1	1	1	2	1	1	1	2			001
MW-18S	"	"	"	1400			10			"	"	"	"	"	"	"	"			002
MW-18I	"	"	"	1405			10			"	"	"	"	"	"	"	"			003
MW-18D	"	"	"	1220			10			"	"	"	"	"	"	"	"			004
Field Blank 3	"	"	"	1200			8			"	"	"	"	"	"	"	Q			005

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/68
Prelog / Bottle Ord. ID: EZ 3165232

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: (Printed Name) Connor Egler / Mykah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
6	G	-0.1	1.5	1.4	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	11-20-24 1628		11/20/24 1628	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 11/20/24 1811 mw

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I

2. **Cooler Temperature(s):** 1.5/1.4 | 1.2/1.1 | 0.8/0.7 | 1.1/1.0
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Courier:** Circle One: Fed Ex UPS (Client) Pace Now/Jett Other

4. **Custody Seal on Cooler/Box Present:** ☑ Yes ☐ No

(If yes)**Seals Intact:** ☑ Yes ☐ No (leave blank if no seals were present)

5. **Packing Material:** ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

6. **Ice Type:** ☑ Wet ☐ Blue ☐ None

7. **Was the PM notified of out of temp cooler?** ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C
If the PM was contacted in the comments below please write how they instructed the project to proceed

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: NO3	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 19:15	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?	✓	
Sample Label (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	✓	
Extra labels on Terracore Vials? (soils only)		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
	Present	Absent	No VOA Vials Sent
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?			✓
Out Of Temp Instructions if applicable:			

COMMENTS: 6.015.9 1.5/1.4

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit							
1												2				2	1	3	1	1									WT	✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Dear Mr. Breting:

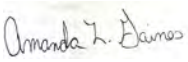
Enclosed are the analytical results for sample(s) received by the laboratory on May 06, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50400625001	**MW-9I**	Water	05/06/25 14:15	05/06/25 16:00
50400625002	**MW-9SR**	Water	05/06/25 12:30	05/06/25 16:00
50400625003	**DUP 3**	Water	05/06/25 08:00	05/06/25 16:00
50400625004	**MW-14IL**	Water	05/06/25 11:45	05/06/25 16:00
50400625005	**MW-14I**	Water	05/06/25 13:15	05/06/25 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50400625001	**MW-9I**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400625002	**MW-9SR**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400625003	**DUP 3**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400625004	**MW-14IL**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400625005	**MW-14I**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400625001	**MW-9I**					
EPA 9056	Chloride	275	mg/L	25.0	05/09/25 05:16	
EPA 9056	Fluoride	0.74	mg/L	0.10	05/09/25 04:42	
EPA 9056	Sulfate	381	mg/L	2.5	05/09/25 04:59	
EPA 6010	Barium	55.1	ug/L	10.0	05/10/25 09:20	
EPA 6010	Boron	2860	ug/L	100	05/10/25 09:20	
EPA 6010	Calcium	192000	ug/L	1000	05/10/25 09:20	
EPA 6010	Iron	1890	ug/L	100	05/10/25 09:20	
EPA 6010	Lithium	45.6	ug/L	20.0	05/10/25 09:20	
EPA 6010	Magnesium	47800	ug/L	1000	05/10/25 09:20	
EPA 6010	Manganese	285	ug/L	10.0	05/10/25 09:20	
EPA 6010	Molybdenum	120	ug/L	10.0	05/10/25 09:20	
EPA 6010	Potassium	7180	ug/L	1000	05/10/25 09:20	
EPA 6010	Sodium	123000	ug/L	1000	05/10/25 09:20	
EPA 6010	Molybdenum, Dissolved	118	ug/L	10.0	05/13/25 11:55	
EPA 6020	Arsenic	191	ug/L	1.0	05/08/25 23:04	
EPA 903.1	Radium-226	0.936 ± 0.571 (0.722) C:NA T:93%	pCi/L		06/03/25 13:38	
EPA 904.0	Radium-228	1.03 ± 0.586 (1.10) C:77% T:83%	pCi/L		06/02/25 16:03	
Total Radium Calculation	Total Radium	1.97 ± 1.16 (1.82)	pCi/L		06/03/25 17:04	
SM 2320B	Alkalinity, Total as CaCO3	264	mg/L	10.0	05/15/25 10:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	264	mg/L	10.0	05/15/25 10:03	
SM 2540C	Total Dissolved Solids	1190	mg/L	20.0	05/07/25 08:33	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/07/25 11:57	H3
50400625002	**MW-9SR**					
EPA 9056	Chloride	268	mg/L	25.0	05/09/25 06:41	
EPA 9056	Fluoride	0.30	mg/L	0.10	05/09/25 06:07	
EPA 9056	Sulfate	463	mg/L	2.5	05/09/25 06:24	
EPA 6010	Barium	44.5	ug/L	10.0	05/10/25 09:22	
EPA 6010	Boron	10200	ug/L	100	05/10/25 09:22	
EPA 6010	Calcium	233000	ug/L	2000	05/10/25 10:20	
EPA 6010	Lithium	90.2	ug/L	20.0	05/10/25 09:22	
EPA 6010	Magnesium	48600	ug/L	1000	05/10/25 09:22	
EPA 6010	Molybdenum	74.8	ug/L	10.0	05/10/25 09:22	
EPA 6010	Potassium	13300	ug/L	1000	05/10/25 09:22	
EPA 6010	Sodium	148000	ug/L	1000	05/10/25 09:22	
EPA 6010	Molybdenum, Dissolved	75.4	ug/L	10.0	05/13/25 11:58	
EPA 6020	Antimony	1.2	ug/L	1.0	05/08/25 23:07	
EPA 6020	Selenium	50.2	ug/L	1.0	05/08/25 23:07	
EPA 903.1	Radium-226	0.635 ± 0.613 (0.961) C:NA T:92%	pCi/L		06/03/25 13:38	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400625002	**MW-9SR**					
EPA 904.0	Radium-228	0.949 ± 0.520 (0.955) C:79% T:84%	pCi/L		06/02/25 16:03	
Total Radium Calculation	Total Radium	1.58 ± 1.13 (1.92)	pCi/L		06/03/25 17:04	
SM 2320B	Alkalinity, Total as CaCO3	350	mg/L	10.0	05/15/25 10:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	350	mg/L	10.0	05/15/25 10:03	
SM 2540C	Total Dissolved Solids	1400	mg/L	20.0	05/07/25 08:33	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/07/25 11:58	H3
EPA 353.2	Nitrogen, Nitrate	0.70	mg/L	0.10	05/07/25 14:11	
SM 5310C	Dissolved Organic Carbon	2.2	mg/L	2.0	05/19/25 09:35	
50400625003	**DUP 3**					
EPA 9056	Chloride	261	mg/L	25.0	05/09/25 07:31	
EPA 9056	Fluoride	0.72	mg/L	0.10	05/09/25 06:57	
EPA 9056	Sulfate	381	mg/L	2.5	05/09/25 07:14	
EPA 6010	Barium	55.9	ug/L	10.0	05/10/25 09:24	
EPA 6010	Boron	2900	ug/L	100	05/10/25 09:24	
EPA 6010	Calcium	195000	ug/L	1000	05/10/25 09:24	
EPA 6010	Iron	1910	ug/L	100	05/10/25 09:24	
EPA 6010	Lithium	47.0	ug/L	20.0	05/10/25 09:24	
EPA 6010	Magnesium	48300	ug/L	1000	05/10/25 09:24	
EPA 6010	Manganese	290	ug/L	10.0	05/10/25 09:24	
EPA 6010	Molybdenum	121	ug/L	10.0	05/10/25 09:24	
EPA 6010	Potassium	7310	ug/L	1000	05/10/25 09:24	
EPA 6010	Sodium	124000	ug/L	1000	05/10/25 09:24	
EPA 6010	Molybdenum, Dissolved	116	ug/L	10.0	05/13/25 12:00	
EPA 6020	Arsenic	189	ug/L	1.0	05/08/25 23:19	
EPA 903.1	Radium-226	0.386 ± 0.497 (0.828) C:NA T:95%	pCi/L		06/03/25 13:38	
EPA 904.0	Radium-228	0.948 ± 0.501 (0.908) C:82% T:88%	pCi/L		06/02/25 16:03	
Total Radium Calculation	Total Radium	1.33 ± 0.998 (1.74)	pCi/L		06/03/25 17:04	
SM 2320B	Alkalinity, Total as CaCO3	235	mg/L	10.0	05/15/25 10:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	235	mg/L	10.0	05/15/25 10:03	
SM 2540C	Total Dissolved Solids	1160	mg/L	20.0	05/07/25 08:33	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/07/25 11:59	H3
50400625004	**MW-14IL**					
EPA 9056	Chloride	131	mg/L	2.5	05/09/25 08:05	
EPA 9056	Fluoride	0.24	mg/L	0.10	05/09/25 07:48	
EPA 9056	Sulfate	96.3	mg/L	2.5	05/09/25 08:05	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400625004	**MW-14IL**					
EPA 6010	Barium	384	ug/L	10.0	05/10/25 09:27	
EPA 6010	Boron	266	ug/L	100	05/10/25 09:27	
EPA 6010	Calcium	94800	ug/L	1000	05/10/25 09:27	
EPA 6010	Iron	5700	ug/L	100	05/10/25 09:27	
EPA 6010	Magnesium	25700	ug/L	1000	05/10/25 09:27	
EPA 6010	Manganese	258	ug/L	10.0	05/10/25 09:27	
EPA 6010	Potassium	3240	ug/L	1000	05/10/25 09:27	
EPA 6010	Sodium	79500	ug/L	1000	05/10/25 09:27	
EPA 6020	Arsenic	24.7	ug/L	1.0	05/08/25 23:22	
EPA 903.1	Radium-226	1.41 ± 0.806 (1.13) C:NA T:95%	pCi/L		06/03/25 13:38	
EPA 904.0	Radium-228	0.485 ± 0.530 (1.11) C:71% T:88%	pCi/L		06/02/25 16:03	
Total Radium Calculation	Total Radium	1.90 ± 1.34 (2.24)	pCi/L		06/03/25 17:04	
SM 2320B	Alkalinity, Total as CaCO3	269	mg/L	10.0	05/15/25 10:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	269	mg/L	10.0	05/15/25 10:03	
SM 2540C	Total Dissolved Solids	601	mg/L	10.0	05/07/25 12:13	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/07/25 12:02	H3
SM 5310C	Dissolved Organic Carbon	2.7	mg/L	1.0	05/16/25 15:57	
50400625005	**MW-14I**					
EPA 9056	Chloride	153	mg/L	2.5	05/09/25 09:29	
EPA 9056	Fluoride	0.32	mg/L	0.10	05/09/25 09:12	
EPA 9056	Sulfate	1410	mg/L	25.0	05/09/25 09:46	
EPA 6010	Barium	28.2	ug/L	10.0	05/10/25 09:29	
EPA 6010	Boron	34000	ug/L	100	05/10/25 09:29	
EPA 6010	Calcium	380000	ug/L	2000	05/10/25 10:22	
EPA 6010	Iron	6880	ug/L	100	05/10/25 09:29	
EPA 6010	Lithium	436	ug/L	20.0	05/10/25 09:29	
EPA 6010	Magnesium	118000	ug/L	1000	05/10/25 09:29	
EPA 6010	Manganese	458	ug/L	10.0	05/10/25 09:29	
EPA 6010	Molybdenum	115	ug/L	10.0	05/10/25 09:29	
EPA 6010	Potassium	27500	ug/L	1000	05/10/25 09:29	
EPA 6010	Sodium	192000	ug/L	1000	05/10/25 09:29	
EPA 6010	Molybdenum, Dissolved	116	ug/L	10.0	05/13/25 12:09	
EPA 6020	Arsenic	2.0	ug/L	1.0	05/08/25 23:26	
EPA 903.1	Radium-226	0.580 ± 0.696 (1.15) C:NA T:89%	pCi/L		06/03/25 13:38	
EPA 904.0	Radium-228	0.561 ± 0.483 (0.978) C:78% T:80%	pCi/L		06/02/25 16:00	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400625005	**MW-14I**					
Total Radium Calculation	Total Radium	1.14 ± 1.18 (2.13)	pCi/L		06/03/25 17:04	
SM 2320B	Alkalinity, Total as CaCO3	266	mg/L	10.0	05/15/25 10:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	266	mg/L	10.0	05/15/25 10:03	
SM 2540C	Total Dissolved Solids	2690	mg/L	40.0	05/07/25 12:13	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	05/07/25 12:09	H3
SM 5310C	Dissolved Organic Carbon	2.7	mg/L	1.0	05/16/25 16:08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-9I **Lab ID: 50400625001** Collected: 05/06/25 14:15 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**275**	mg/L	25.0	13.0	100		05/09/25 05:16	16887-00-6	
Fluoride	**0.74**	mg/L	0.10	0.016	1		05/09/25 04:42	16984-48-8	
Sulfate	**381**	mg/L	2.5	1.9	10		05/09/25 04:59	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**55.1**	ug/L	10.0	0.68	1	05/08/25 19:03	05/10/25 09:20	7440-39-3	
Boron	**2860**	ug/L	100	5.6	1	05/08/25 19:03	05/10/25 09:20	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/08/25 19:03	05/10/25 09:20	7440-43-9	
Calcium	**192000**	ug/L	1000	83.9	1	05/08/25 19:03	05/10/25 09:20	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/08/25 19:03	05/10/25 09:20	7440-47-3	
Iron	**1890**	ug/L	100	41.0	1	05/08/25 19:03	05/10/25 09:20	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/08/25 19:03	05/10/25 09:20	7439-92-1	
Lithium	**45.6**	ug/L	20.0	3.8	1	05/08/25 19:03	05/10/25 09:20	7439-93-2	
Magnesium	**47800**	ug/L	1000	53.7	1	05/08/25 19:03	05/10/25 09:20	7439-95-4	
Manganese	**285**	ug/L	10.0	0.77	1	05/08/25 19:03	05/10/25 09:20	7439-96-5	
Molybdenum	**120**	ug/L	10.0	1.4	1	05/08/25 19:03	05/10/25 09:20	7439-98-7	
Potassium	**7180**	ug/L	1000	113	1	05/08/25 19:03	05/10/25 09:20	7440-09-7	
Sodium	**123000**	ug/L	1000	95.0	1	05/08/25 19:03	05/10/25 09:20	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**118**	ug/L	10.0	1.4	1	05/08/25 08:48	05/13/25 11:55	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/08/25 08:25	05/08/25 23:04	7440-36-0	
Arsenic	**191**	ug/L	1.0	0.080	1	05/08/25 08:25	05/08/25 23:04	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/08/25 08:25	05/08/25 23:04	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/08/25 08:25	05/08/25 23:04	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/08/25 08:25	05/08/25 23:04	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/08/25 08:25	05/08/25 23:04	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/13/25 21:13	05/14/25 11:17	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**264**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Bicarbonate (CaCO3)	**264**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/15/25 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-9I **Lab ID: 50400625001** Collected: 05/06/25 14:15 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1190**	mg/L	20.0	20.0	1		05/07/25 08:33		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/07/25 11:57		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/07/25 14:09	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/19/25 09:24		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-9SR **Lab ID: 50400625002** Collected: 05/06/25 12:30 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**268**	mg/L	25.0	13.0	100		05/09/25 06:41	16887-00-6	
Fluoride	**0.30**	mg/L	0.10	0.016	1		05/09/25 06:07	16984-48-8	
Sulfate	**463**	mg/L	2.5	1.9	10		05/09/25 06:24	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**44.5**	ug/L	10.0	0.68	1	05/08/25 19:03	05/10/25 09:22	7440-39-3	
Boron	**10200**	ug/L	100	5.6	1	05/08/25 19:03	05/10/25 09:22	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/08/25 19:03	05/10/25 09:22	7440-43-9	
Calcium	**233000**	ug/L	2000	168	2	05/08/25 19:03	05/10/25 10:20	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/08/25 19:03	05/10/25 09:22	7440-47-3	
Iron	ND	ug/L	100	41.0	1	05/08/25 19:03	05/10/25 09:22	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/08/25 19:03	05/10/25 09:22	7439-92-1	
Lithium	**90.2**	ug/L	20.0	3.8	1	05/08/25 19:03	05/10/25 09:22	7439-93-2	
Magnesium	**48600**	ug/L	1000	53.7	1	05/08/25 19:03	05/10/25 09:22	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	05/08/25 19:03	05/10/25 09:22	7439-96-5	
Molybdenum	**74.8**	ug/L	10.0	1.4	1	05/08/25 19:03	05/10/25 09:22	7439-98-7	
Potassium	**13300**	ug/L	1000	113	1	05/08/25 19:03	05/10/25 09:22	7440-09-7	
Sodium	**148000**	ug/L	1000	95.0	1	05/08/25 19:03	05/10/25 09:22	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**75.4**	ug/L	10.0	1.4	1	05/08/25 08:48	05/13/25 11:58	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	**1.2**	ug/L	1.0	0.19	1	05/08/25 08:25	05/08/25 23:07	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/08/25 08:25	05/08/25 23:07	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/08/25 08:25	05/08/25 23:07	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/08/25 08:25	05/08/25 23:07	7440-48-4	
Selenium	**50.2**	ug/L	1.0	0.26	1	05/08/25 08:25	05/08/25 23:07	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/08/25 08:25	05/08/25 23:07	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/13/25 21:13	05/14/25 11:24	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**350**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Bicarbonate (CaCO3)	**350**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/15/25 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-9SR **Lab ID: 50400625002** Collected: 05/06/25 12:30 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1400**	mg/L	20.0	20.0	1		05/07/25 08:33		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/07/25 11:58		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.70**	mg/L	0.10	0.013	1		05/07/25 14:11	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.2**	mg/L	2.0	0.60	2		05/19/25 09:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: DUP 3 **Lab ID: 50400625003** Collected: 05/06/25 08:00 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**261**	mg/L	25.0	13.0	100		05/09/25 07:31	16887-00-6	
Fluoride	**0.72**	mg/L	0.10	0.016	1		05/09/25 06:57	16984-48-8	
Sulfate	**381**	mg/L	2.5	1.9	10		05/09/25 07:14	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**55.9**	ug/L	10.0	0.68	1	05/08/25 19:03	05/10/25 09:24	7440-39-3	
Boron	**2900**	ug/L	100	5.6	1	05/08/25 19:03	05/10/25 09:24	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/08/25 19:03	05/10/25 09:24	7440-43-9	
Calcium	**195000**	ug/L	1000	83.9	1	05/08/25 19:03	05/10/25 09:24	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/08/25 19:03	05/10/25 09:24	7440-47-3	
Iron	**1910**	ug/L	100	41.0	1	05/08/25 19:03	05/10/25 09:24	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/08/25 19:03	05/10/25 09:24	7439-92-1	
Lithium	**47.0**	ug/L	20.0	3.8	1	05/08/25 19:03	05/10/25 09:24	7439-93-2	
Magnesium	**48300**	ug/L	1000	53.7	1	05/08/25 19:03	05/10/25 09:24	7439-95-4	
Manganese	**290**	ug/L	10.0	0.77	1	05/08/25 19:03	05/10/25 09:24	7439-96-5	
Molybdenum	**121**	ug/L	10.0	1.4	1	05/08/25 19:03	05/10/25 09:24	7439-98-7	
Potassium	**7310**	ug/L	1000	113	1	05/08/25 19:03	05/10/25 09:24	7440-09-7	
Sodium	**124000**	ug/L	1000	95.0	1	05/08/25 19:03	05/10/25 09:24	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**116**	ug/L	10.0	1.4	1	05/08/25 08:48	05/13/25 12:00	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/08/25 08:25	05/08/25 23:19	7440-36-0	
Arsenic	**189**	ug/L	1.0	0.080	1	05/08/25 08:25	05/08/25 23:19	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/08/25 08:25	05/08/25 23:19	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/08/25 08:25	05/08/25 23:19	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/08/25 08:25	05/08/25 23:19	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/08/25 08:25	05/08/25 23:19	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/13/25 21:13	05/14/25 11:27	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**235**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Bicarbonate (CaCO3)	**235**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/15/25 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: DUP 3 **Lab ID: 50400625003** Collected: 05/06/25 08:00 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1160**	mg/L	20.0	20.0	1		05/07/25 08:33		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/07/25 11:59		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/07/25 14:17	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/19/25 09:46		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-14IL **Lab ID: 50400625004** Collected: 05/06/25 11:45 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**131**	mg/L	2.5	1.3	10		05/09/25 08:05	16887-00-6	
Fluoride	**0.24**	mg/L	0.10	0.016	1		05/09/25 07:48	16984-48-8	
Sulfate	**96.3**	mg/L	2.5	1.9	10		05/09/25 08:05	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**384**	ug/L	10.0	0.68	1	05/08/25 19:03	05/10/25 09:27	7440-39-3	
Boron	**266**	ug/L	100	5.6	1	05/08/25 19:03	05/10/25 09:27	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/08/25 19:03	05/10/25 09:27	7440-43-9	
Calcium	**94800**	ug/L	1000	83.9	1	05/08/25 19:03	05/10/25 09:27	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/08/25 19:03	05/10/25 09:27	7440-47-3	
Iron	**5700**	ug/L	100	41.0	1	05/08/25 19:03	05/10/25 09:27	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/08/25 19:03	05/10/25 09:27	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/08/25 19:03	05/10/25 09:27	7439-93-2	
Magnesium	**25700**	ug/L	1000	53.7	1	05/08/25 19:03	05/10/25 09:27	7439-95-4	
Manganese	**258**	ug/L	10.0	0.77	1	05/08/25 19:03	05/10/25 09:27	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/08/25 19:03	05/10/25 09:27	7439-98-7	
Potassium	**3240**	ug/L	1000	113	1	05/08/25 19:03	05/10/25 09:27	7440-09-7	
Sodium	**79500**	ug/L	1000	95.0	1	05/08/25 19:03	05/10/25 09:27	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/08/25 08:48	05/13/25 12:02	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/08/25 08:25	05/08/25 23:22	7440-36-0	
Arsenic	**24.7**	ug/L	1.0	0.080	1	05/08/25 08:25	05/08/25 23:22	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/08/25 08:25	05/08/25 23:22	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/08/25 08:25	05/08/25 23:22	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/08/25 08:25	05/08/25 23:22	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/08/25 08:25	05/08/25 23:22	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/13/25 21:13	05/14/25 11:29	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**269**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Bicarbonate (CaCO3)	**269**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/15/25 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-14IL **Lab ID: 50400625004** Collected: 05/06/25 11:45 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**601**	mg/L	10.0	10.0	1		05/07/25 12:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/07/25 12:02		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/07/25 14:19	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.7**	mg/L	1.0	0.30	1		05/16/25 15:57		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-14I **Lab ID: 50400625005** Collected: 05/06/25 13:15 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**153**	mg/L	2.5	1.3	10		05/09/25 09:29	16887-00-6	
Fluoride	**0.32**	mg/L	0.10	0.016	1		05/09/25 09:12	16984-48-8	
Sulfate	**1410**	mg/L	25.0	19.0	100		05/09/25 09:46	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**28.2**	ug/L	10.0	0.68	1	05/08/25 19:03	05/10/25 09:29	7440-39-3	
Boron	**34000**	ug/L	100	5.6	1	05/08/25 19:03	05/10/25 09:29	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/08/25 19:03	05/10/25 09:29	7440-43-9	
Calcium	**380000**	ug/L	2000	168	2	05/08/25 19:03	05/10/25 10:22	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/08/25 19:03	05/10/25 09:29	7440-47-3	
Iron	**6880**	ug/L	100	41.0	1	05/08/25 19:03	05/10/25 09:29	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/08/25 19:03	05/10/25 09:29	7439-92-1	
Lithium	**436**	ug/L	20.0	3.8	1	05/08/25 19:03	05/10/25 09:29	7439-93-2	
Magnesium	**118000**	ug/L	1000	53.7	1	05/08/25 19:03	05/10/25 09:29	7439-95-4	
Manganese	**458**	ug/L	10.0	0.77	1	05/08/25 19:03	05/10/25 09:29	7439-96-5	
Molybdenum	**115**	ug/L	10.0	1.4	1	05/08/25 19:03	05/10/25 09:29	7439-98-7	
Potassium	**27500**	ug/L	1000	113	1	05/08/25 19:03	05/10/25 09:29	7440-09-7	
Sodium	**192000**	ug/L	1000	95.0	1	05/08/25 19:03	05/10/25 09:29	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**116**	ug/L	10.0	1.4	1	05/08/25 08:48	05/13/25 12:09	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/08/25 08:25	05/08/25 23:26	7440-36-0	
Arsenic	**2.0**	ug/L	1.0	0.080	1	05/08/25 08:25	05/08/25 23:26	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/08/25 08:25	05/08/25 23:26	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/08/25 08:25	05/08/25 23:26	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/08/25 08:25	05/08/25 23:26	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/08/25 08:25	05/08/25 23:26	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/13/25 21:13	05/14/25 11:32	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**266**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Bicarbonate (CaCO3)	**266**	mg/L	10.0	10.0	1		05/15/25 10:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/15/25 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-14I **Lab ID: 50400625005** Collected: 05/06/25 13:15 Received: 05/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2690**	mg/L	40.0	40.0	1		05/07/25 12:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		05/07/25 12:09		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/07/25 14:24	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.7**	mg/L	1.0	0.30	1		05/16/25 16:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842277 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3855120 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/08/25 17:03	
Fluoride	mg/L	ND	0.10	0.016	05/08/25 17:03	
Sulfate	mg/L	ND	0.25	0.19	05/08/25 17:03	

LABORATORY CONTROL SAMPLE: 3855121

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	93	80-120	
Fluoride	mg/L	1	0.98	98	80-120	
Sulfate	mg/L	5	4.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3855134 3855135

Parameter	Units	50400625002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	268	250	250	491	490	89	89	80-120	0	15	
Fluoride	mg/L	0.30	1	1	1.4	1.4	108	110	80-120	1	15	
Sulfate	mg/L	463	50	50	514	513	101	99	80-120	0	15	E

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 843505 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3862097 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/14/25 11:12	

LABORATORY CONTROL SAMPLE: 3862098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862099 3862100

Parameter	Units	50400666001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.9	98	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842290
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3855143 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/10/25 09:13	
Boron	ug/L	ND	100	5.6	05/10/25 09:13	
Cadmium	ug/L	ND	2.0	0.46	05/10/25 09:13	
Calcium	ug/L	ND	1000	83.9	05/10/25 09:13	
Chromium	ug/L	ND	10.0	0.96	05/10/25 09:13	
Iron	ug/L	ND	100	41.0	05/10/25 09:13	
Lead	ug/L	ND	10.0	2.0	05/10/25 09:13	
Lithium	ug/L	ND	20.0	3.8	05/10/25 09:13	
Magnesium	ug/L	ND	1000	53.7	05/10/25 09:13	
Manganese	ug/L	ND	10.0	0.77	05/10/25 09:13	
Molybdenum	ug/L	ND	10.0	1.4	05/10/25 09:13	
Potassium	ug/L	ND	1000	113	05/10/25 09:13	
Sodium	ug/L	ND	1000	95.0	05/10/25 09:13	

LABORATORY CONTROL SAMPLE: 3855144

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	985	99	80-120	
Boron	ug/L	1000	961	96	80-120	
Cadmium	ug/L	1000	971	97	80-120	
Calcium	ug/L	10000	9820	98	80-120	
Chromium	ug/L	1000	965	96	80-120	
Iron	ug/L	10000	9730	97	80-120	
Lead	ug/L	1000	932	93	80-120	
Lithium	ug/L	1000	994	99	80-120	
Magnesium	ug/L	10000	9580	96	80-120	
Manganese	ug/L	1000	954	95	80-120	
Molybdenum	ug/L	1000	1010	101	80-120	
Potassium	ug/L	10000	9580	96	80-120	
Sodium	ug/L	10000	9670	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3855145 3855146

Parameter	Units	50400639010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.039 mg/L	1000	1000	1020	1020	98	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3855145 3855146

Parameter	Units	50400639010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron	ug/L	0.33 mg/L	1000	1000	1330	1320	100	100	75-125	0	20	
Cadmium	ug/L	ND	1000	1000	975	976	98	98	75-125	0	20	
Calcium	ug/L	116 mg/L	10000	10000	126000	125000	91	88	75-125	0	20	
Chromium	ug/L	ND	1000	1000	958	956	96	96	75-125	0	20	
Iron	ug/L	ND	10000	10000	9690	9640	97	96	75-125	1	20	
Lead	ug/L	ND	1000	1000	905	907	91	91	75-125	0	20	
Lithium	ug/L	ND	1000	1000	990	979	98	97	75-125	1	20	
Magnesium	ug/L	32.5 mg/L	10000	10000	41900	41800	94	93	75-125	0	20	
Manganese	ug/L	ND	1000	1000	953	951	95	94	75-125	0	20	
Molybdenum	ug/L	0.013 mg/L	1000	1000	1020	1030	101	102	75-125	1	20	
Potassium	ug/L	2.1 mg/L	10000	10000	11800	11600	97	96	75-125	1	20	
Sodium	ug/L	78.4 mg/L	10000	10000	88000	87400	96	90	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842234 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3854952 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/13/25 11:16	

LABORATORY CONTROL SAMPLE: 3854953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3854954 3854955

Parameter	Units	50400552001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	10.8	1000	1000	998	1040	99	103	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842421
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3855748 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/08/25 22:56	
Arsenic	ug/L	ND	1.0	0.080	05/08/25 22:56	
Beryllium	ug/L	ND	0.20	0.026	05/08/25 22:56	
Cobalt	ug/L	ND	1.0	0.045	05/08/25 22:56	
Selenium	ug/L	ND	1.0	0.26	05/08/25 22:56	
Thallium	ug/L	ND	1.0	0.052	05/08/25 22:56	

LABORATORY CONTROL SAMPLE: 3855749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.2	103	80-120	
Arsenic	ug/L	40	38.6	96	80-120	
Beryllium	ug/L	40	37.4	94	80-120	
Cobalt	ug/L	40	40.8	102	80-120	
Selenium	ug/L	40	39.4	98	80-120	
Thallium	ug/L	40	41.6	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3855750 3855751

Parameter	Units	50400666001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.6	41.1	104	102	75-125	1	20	
Arsenic	ug/L	ND	40	40	41.9	41.9	95	95	75-125	0	20	
Beryllium	ug/L	ND	40	40	39.6	39.5	99	99	75-125	0	20	
Cobalt	ug/L	ND	40	40	39.5	39.1	98	96	75-125	1	20	
Selenium	ug/L	ND	40	40	28.1	28.4	68	69	75-125	1	20	M3
Thallium	ug/L	ND	40	40	42.3	41.9	106	105	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 843808 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3863601 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/15/25 10:03	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/15/25 10:03	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/15/25 10:03	

LABORATORY CONTROL SAMPLE: 3863602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	48.5	97	90-110	

SAMPLE DUPLICATE: 3863603

Parameter	Units	50400620005 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	204	203	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	190	191	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	13.2	12.0	10	20	

SAMPLE DUPLICATE: 3863604

Parameter	Units	50400626009 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	684	662	3	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	684	662	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842226 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003

METHOD BLANK: 3854900 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/07/25 08:27	

LABORATORY CONTROL SAMPLE: 3854901

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	262	87	80-120	

SAMPLE DUPLICATE: 3854902

Parameter	Units	50400537001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	385	401	4	10	

SAMPLE DUPLICATE: 3854903

Parameter	Units	50400542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	6880	6700	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842331
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625004, 50400625005

METHOD BLANK: 3855293 Matrix: Water
Associated Lab Samples: 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/07/25 12:12	

LABORATORY CONTROL SAMPLE: 3855294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	273	91	80-120	

SAMPLE DUPLICATE: 3855295

Parameter	Units	50400634004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	665	646	3	10	

SAMPLE DUPLICATE: 3855296

Parameter	Units	50400626009 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	916	908	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842301
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

SAMPLE DUPLICATE: 3855196

Parameter	Units	50400313001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.6	0	2	H3

SAMPLE DUPLICATE: 3855197

Parameter	Units	50400625005 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.3	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 842362 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3855452 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/07/25 14:06	

LABORATORY CONTROL SAMPLE: 3855453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3855454 3855455

Parameter	Units	50400625002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.70	1	1	1.7	1.7	104	104	90-110	0	20	

MATRIX SPIKE SAMPLE: 3855480

Parameter	Units	50400680001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1.2	1	2.2	103	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 843949 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3864189 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/16/25 13:00	

LABORATORY CONTROL SAMPLE: 3864190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864191 3864192

Parameter	Units	50400728003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.9	10	10	13.1	13.0	91	90	80-120	1	15	

MATRIX SPIKE SAMPLE: 3864193

Parameter	Units	50400738001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.7	10	10.6	88	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-9I **Lab ID: 50400625001** Collected: 05/06/25 14:15 Received: 05/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.936 ± 0.571 (0.722) C:NA T:93%**	pCi/L	06/03/25 13:38	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.03 ± 0.586 (1.10) C:77% T:83%**	pCi/L	06/02/25 16:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.97 ± 1.16 (1.82)**	pCi/L	06/03/25 17:04	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-9SR **Lab ID: 50400625002** Collected: 05/06/25 12:30 Received: 05/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.635 ± 0.613 (0.961) C:NA T:92%**	pCi/L	06/03/25 13:38	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.949 ± 0.520 (0.955) C:79% T:84%**	pCi/L	06/02/25 16:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.58 ± 1.13 (1.92)**	pCi/L	06/03/25 17:04	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: DUP 3 **Lab ID: 50400625003** Collected: 05/06/25 08:00 Received: 05/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.386 ± 0.497 (0.828) C:NA T:95%**	pCi/L	06/03/25 13:38	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.948 ± 0.501 (0.908) C:82% T:88%**	pCi/L	06/02/25 16:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.33 ± 0.998 (1.74)**	pCi/L	06/03/25 17:04	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-14IL **Lab ID: 50400625004** Collected: 05/06/25 11:45 Received: 05/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.41 ± 0.806 (1.13) C:NA T:95%**	pCi/L	06/03/25 13:38	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.485 ± 0.530 (1.11) C:71% T:88%**	pCi/L	06/02/25 16:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.90 ± 1.34 (2.24)**	pCi/L	06/03/25 17:04	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Sample: MW-14I **Lab ID: 50400625005** Collected: 05/06/25 13:15 Received: 05/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.580 ± 0.696 (1.15) C:NA T:89%**	pCi/L	06/03/25 13:38	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.561 ± 0.483 (0.978) C:78% T:80%**	pCi/L	06/02/25 16:00	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.14 ± 1.18 (2.13)**	pCi/L	06/03/25 17:04	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 745667 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3630750 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0842 ± 0.192 (0.310) C:NA T:96%	pCi/L	06/03/25 13:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

QC Batch: 745669
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

METHOD BLANK: 3630754 Matrix: Water
Associated Lab Samples: 50400625001, 50400625002, 50400625003, 50400625004, 50400625005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.255 ± 0.335 (0.713) C:79% T:89%	pCi/L	06/02/25 16:03	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50400625001	**MW-9I**	EPA 9056	842277		
50400625002	**MW-9SR**	EPA 9056	842277		
50400625003	**DUP 3**	EPA 9056	842277		
50400625004	**MW-14IL**	EPA 9056	842277		
50400625005	**MW-14I**	EPA 9056	842277		
50400625001	**MW-9I**	EPA 3010	842290	EPA 6010	842933
50400625002	**MW-9SR**	EPA 3010	842290	EPA 6010	842933
50400625003	**DUP 3**	EPA 3010	842290	EPA 6010	842933
50400625004	**MW-14IL**	EPA 3010	842290	EPA 6010	842933
50400625005	**MW-14I**	EPA 3010	842290	EPA 6010	842933
50400625001	**MW-9I**	EPA 3010	842234	EPA 6010	843332
50400625002	**MW-9SR**	EPA 3010	842234	EPA 6010	843332
50400625003	**DUP 3**	EPA 3010	842234	EPA 6010	843332
50400625004	**MW-14IL**	EPA 3010	842234	EPA 6010	843332
50400625005	**MW-14I**	EPA 3010	842234	EPA 6010	843332
50400625001	**MW-9I**	EPA 200.2	842421	EPA 6020	842688
50400625002	**MW-9SR**	EPA 200.2	842421	EPA 6020	842688
50400625003	**DUP 3**	EPA 200.2	842421	EPA 6020	842688
50400625004	**MW-14IL**	EPA 200.2	842421	EPA 6020	842688
50400625005	**MW-14I**	EPA 200.2	842421	EPA 6020	842688
50400625001	**MW-9I**	EPA 7470	843505	EPA 7470	843546
50400625002	**MW-9SR**	EPA 7470	843505	EPA 7470	843546
50400625003	**DUP 3**	EPA 7470	843505	EPA 7470	843546
50400625004	**MW-14IL**	EPA 7470	843505	EPA 7470	843546
50400625005	**MW-14I**	EPA 7470	843505	EPA 7470	843546
50400625001	**MW-9I**	EPA 903.1	745667		
50400625002	**MW-9SR**	EPA 903.1	745667		
50400625003	**DUP 3**	EPA 903.1	745667		
50400625004	**MW-14IL**	EPA 903.1	745667		
50400625005	**MW-14I**	EPA 903.1	745667		
50400625001	**MW-9I**	EPA 904.0	745669		
50400625002	**MW-9SR**	EPA 904.0	745669		
50400625003	**DUP 3**	EPA 904.0	745669		
50400625004	**MW-14IL**	EPA 904.0	745669		
50400625005	**MW-14I**	EPA 904.0	745669		
50400625001	**MW-9I**	Total Radium Calculation	749549		
50400625002	**MW-9SR**	Total Radium Calculation	749549		
50400625003	**DUP 3**	Total Radium Calculation	749549		
50400625004	**MW-14IL**	Total Radium Calculation	749549		
50400625005	**MW-14I**	Total Radium Calculation	749549		
50400625001	**MW-9I**	SM 2320B	843808		
50400625002	**MW-9SR**	SM 2320B	843808		
50400625003	**DUP 3**	SM 2320B	843808		
50400625004	**MW-14IL**	SM 2320B	843808		
50400625005	**MW-14I**	SM 2320B	843808		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400625

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50400625001	**MW-9I**	SM 2540C	842226		
50400625002	**MW-9SR**	SM 2540C	842226		
50400625003	**DUP 3**	SM 2540C	842226		
50400625004	**MW-14IL**	SM 2540C	842331		
50400625005	**MW-14I**	SM 2540C	842331		
50400625001	**MW-9I**	SM 4500-H+B	842301		
50400625002	**MW-9SR**	SM 4500-H+B	842301		
50400625003	**DUP 3**	SM 4500-H+B	842301		
50400625004	**MW-14IL**	SM 4500-H+B	842301		
50400625005	**MW-14I**	SM 4500-H+B	842301		
50400625001	**MW-9I**	EPA 353.2	842362		
50400625002	**MW-9SR**	EPA 353.2	842362		
50400625003	**DUP 3**	EPA 353.2	842362		
50400625004	**MW-14IL**	EPA 353.2	842362		
50400625005	**MW-14I**	EPA 353.2	842362		
50400625001	**MW-9I**	SM 5310C	843949		
50400625002	**MW-9SR**	SM 5310C	843949		
50400625003	**DUP 3**	SM 5310C	843949		
50400625004	**MW-14IL**	SM 5310C	843949		
50400625005	**MW-14I**	SM 5310C	843949		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50400625

50400625

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres: 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-9I	GW	G	5/6/25	1415						X	X	X	X	X	X	X	
MW-9SR	"	"	"	1230						"	"	"	"	"	"	"	
DUP-3	"	"	"	—						"	"	"	"	"	"	"	
MW-14IL	"	"	"	1145						"	"	"	"	"	"	"	
MW-14I	↓	↓	↓	1315						↓	↓	↓	↓	↓	↓	↓	

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample.

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Mohammed Bazlamit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	C	-.1	1.1	1.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	5/6/2025 1600	Pace	5/6/25 1610	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 7 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/6/25 17:05 JG

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B (C) D E F G H I

2. **Cooler Temperature(s):** (Initial/Corrected) 1.1/1.0 | 1.1/1.0 | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Packing Material:** Bubble Wrap (Bubble Bags) None Other _____

4. **Ice Type:** (Wet) Blue None

3. **Was the PM notified of out of temp cooler?:** Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. **Courier:** Fed Ex UPS (Client) Pace Now/Jett Other

6. **Custody Seal on Cooler/Box Present:** Yes (No)

(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? **Analysis:** 353.2 Nitrate	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	
Extra labels on Terracore Vials? (soils only)	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			—
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
	Present	Absent	No VOA Vials Sent
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			—
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Out Of Temp Instructions if applicable:			

COMMENTS:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit		Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
																													HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													1			2	1	2	1	1									WT	✓	✓		
2													↓			↓	↓	↓	↓	↓									↓	↓	↓		
3																																	
4																																	
5													↓			↓	↓	↓	↓	↓									↓	↓	↓		
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																										.							

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl. Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic
NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Dear Mr. Breting:

Enclosed are the analytical results for sample(s) received by the laboratory on May 07, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50400738001	**MW-4SR**	Water	05/07/25 14:05	05/07/25 16:30
50400738002	**MW-4I**	Water	05/07/25 11:24	05/07/25 16:30
50400738003	**MW-4D**	Water	05/07/25 12:40	05/07/25 16:30
50400738004	**MW-9D**	Water	05/07/25 10:35	05/07/25 16:30
50400738005	**MW-14D**	Water	05/07/25 13:45	05/07/25 16:30
50400738006	**MW-14D1**	Water	05/07/25 11:30	05/07/25 16:30
50400738007	**DUP 4**	Water	05/07/25 08:00	05/07/25 16:30

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50400738001	**MW-4SR**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400738002	**MW-4I**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400738003	**MW-4D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400738004	**MW-9D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400738005	**MW-14D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400738006	**MW-14D1**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400738007	**DUP 4**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400738001	**MW-4SR**					
EPA 9056	Chloride	7.4	mg/L	0.25	05/13/25 11:20	
EPA 9056	Sulfate	366	mg/L	25.0	05/20/25 16:36	
EPA 6010	Barium	78.4	ug/L	10.0	05/16/25 21:36	
EPA 6010	Boron	2660	ug/L	100	05/16/25 21:36	
EPA 6010	Calcium	237000	ug/L	2000	05/16/25 22:42	
EPA 6010	Lithium	24.6	ug/L	20.0	05/16/25 21:36	
EPA 6010	Magnesium	51600	ug/L	1000	05/16/25 21:36	
EPA 6010	Potassium	2230	ug/L	1000	05/16/25 21:36	
EPA 6010	Sodium	22900	ug/L	1000	05/16/25 21:36	
EPA 6020	Arsenic	2.3	ug/L	1.0	05/16/25 03:48	
EPA 6020	Selenium	210	ug/L	1.0	05/16/25 03:48	
EPA 903.1	Radium-226	-0.211 ± 0.788 (1.51) C:NA T:91%	pCi/L		06/05/25 12:40	
EPA 904.0	Radium-228	0.840 ± 0.503 (0.929) C:76% T:83%	pCi/L		06/04/25 13:41	
Total Radium Calculation	Total Radium	0.840 ± 1.29 (2.44)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	474	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	474	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	984	mg/L	20.0	05/09/25 10:59	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/08/25 14:46	H3
EPA 353.2	Nitrogen, Nitrate	3.5	mg/L	0.10	05/08/25 11:28	
SM 5310C	Dissolved Organic Carbon	1.7	mg/L	1.0	05/16/25 17:13	
50400738002	**MW-4I**					
EPA 9056	Chloride	109	mg/L	2.5	05/20/25 16:53	
EPA 9056	Fluoride	0.15	mg/L	0.10	05/13/25 11:54	
EPA 9056	Sulfate	50.8	mg/L	2.5	05/20/25 16:53	
EPA 6010	Barium	69.1	ug/L	10.0	05/16/25 21:47	
EPA 6010	Boron	283	ug/L	100	05/16/25 21:47	
EPA 6010	Calcium	84100	ug/L	1000	05/16/25 21:47	
EPA 6010	Iron	1170	ug/L	100	05/16/25 21:47	
EPA 6010	Magnesium	20900	ug/L	1000	05/16/25 21:47	
EPA 6010	Manganese	157	ug/L	10.0	05/16/25 21:47	
EPA 6010	Potassium	2510	ug/L	1000	05/16/25 21:47	
EPA 6010	Sodium	62300	ug/L	1000	05/16/25 21:47	
EPA 6020	Arsenic	2.3	ug/L	1.0	05/16/25 03:52	
EPA 903.1	Radium-226	0.173 ± 0.823 (1.50) C:NA T:91%	pCi/L		06/05/25 12:40	
EPA 904.0	Radium-228	0.295 ± 0.380 (0.809) C:73% T:91%	pCi/L		06/04/25 13:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400738002	**MW-4I**					
Total Radium Calculation	Total Radium	0.468 ± 1.20 (2.31)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	259	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	259	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	482	mg/L	10.0	05/09/25 11:00	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	05/08/25 14:47	H3
EPA 353.2	Nitrogen, Nitrate	0.19	mg/L	0.10	05/08/25 11:21	
SM 5310C	Dissolved Organic Carbon	1.7	mg/L	1.0	05/16/25 18:34	
50400738003	**MW-4D**					
EPA 9056	Chloride	81.0	mg/L	2.5	05/13/25 20:03	
EPA 9056	Fluoride	0.19	mg/L	0.10	05/13/25 19:46	
EPA 9056	Sulfate	168	mg/L	2.5	05/13/25 20:03	
EPA 6010	Barium	91.5	ug/L	10.0	05/16/25 21:49	
EPA 6010	Boron	251	ug/L	100	05/16/25 21:49	
EPA 6010	Calcium	110000	ug/L	1000	05/16/25 21:49	
EPA 6010	Iron	2450	ug/L	100	05/16/25 21:49	
EPA 6010	Magnesium	28600	ug/L	1000	05/16/25 21:49	
EPA 6010	Manganese	114	ug/L	10.0	05/16/25 21:49	
EPA 6010	Potassium	3250	ug/L	1000	05/16/25 21:49	
EPA 6010	Sodium	66300	ug/L	1000	05/16/25 21:49	
EPA 6020	Arsenic	2.1	ug/L	1.0	05/16/25 03:56	
EPA 903.1	Radium-226	0.743 ± 0.804 (1.31) C:NA T:85%	pCi/L		06/05/25 12:53	
EPA 904.0	Radium-228	0.873 ± 0.625 (1.21) C:73% T:84%	pCi/L		06/04/25 16:46	
Total Radium Calculation	Total Radium	1.62 ± 1.43 (2.52)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	292	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	272	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Carbonate (CaCO3)	20.4	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	648	mg/L	10.0	05/09/25 11:01	
SM 4500-H+B	pH at 25 Degrees C	7.9	Std. Units	0.10	05/08/25 14:48	H3
SM 5310C	Dissolved Organic Carbon	1.9	mg/L	1.0	05/16/25 18:44	
50400738004	**MW-9D**					
EPA 9056	Chloride	369	mg/L	25.0	05/13/25 18:05	
EPA 9056	Fluoride	0.66	mg/L	0.10	05/13/25 17:31	
EPA 9056	Sulfate	466	mg/L	25.0	05/13/25 18:05	
EPA 6010	Barium	60.2	ug/L	10.0	05/16/25 21:51	
EPA 6010	Boron	2200	ug/L	100	05/16/25 21:51	
EPA 6010	Calcium	215000	ug/L	2000	05/16/25 22:49	
EPA 6010	Iron	2900	ug/L	100	05/16/25 21:51	
EPA 6010	Lithium	37.5	ug/L	20.0	05/16/25 21:51	
EPA 6010	Magnesium	52900	ug/L	1000	05/16/25 21:51	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400738004	**MW-9D**					
EPA 6010	Manganese	367	ug/L	10.0	05/16/25 21:51	
EPA 6010	Molybdenum	63.8	ug/L	10.0	05/16/25 21:51	
EPA 6010	Potassium	7880	ug/L	1000	05/16/25 21:51	
EPA 6010	Sodium	265000	ug/L	2000	05/16/25 22:49	
EPA 6010	Molybdenum, Dissolved	64.9	ug/L	10.0	05/13/25 23:26	
EPA 6020	Arsenic	104	ug/L	1.0	05/16/25 04:00	
EPA 903.1	Radium-226	1.53 ± 0.935 (1.32) C:NA T:91%	pCi/L		06/05/25 12:53	
EPA 904.0	Radium-228	0.810 ± 0.605 (1.18) C:80% T:82%	pCi/L		06/04/25 16:46	
Total Radium Calculation	Total Radium	2.34 ± 1.54 (2.50)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	355	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	355	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	1580	mg/L	40.0	05/09/25 11:01	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	05/08/25 14:50	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	2.0	05/19/25 09:58	
50400738005	**MW-14D**					
EPA 9056	Chloride	166	mg/L	2.5	05/13/25 18:38	
EPA 9056	Fluoride	0.20	mg/L	0.10	05/13/25 18:21	
EPA 9056	Sulfate	2070	mg/L	25.0	05/13/25 18:55	
EPA 6010	Barium	39.5	ug/L	10.0	05/16/25 21:58	
EPA 6010	Boron	40500	ug/L	100	05/16/25 21:58	
EPA 6010	Calcium	303000	ug/L	3000	05/16/25 22:51	
EPA 6010	Iron	2280	ug/L	100	05/16/25 21:58	
EPA 6010	Lithium	467	ug/L	20.0	05/16/25 21:58	
EPA 6010	Magnesium	164000	ug/L	1000	05/16/25 21:58	
EPA 6010	Manganese	228	ug/L	10.0	05/16/25 21:58	
EPA 6010	Molybdenum	151	ug/L	10.0	05/16/25 21:58	
EPA 6010	Potassium	48100	ug/L	1000	05/16/25 21:58	
EPA 6010	Sodium	469000	ug/L	3000	05/16/25 22:51	
EPA 6010	Molybdenum, Dissolved	148	ug/L	10.0	05/13/25 23:28	
EPA 6020	Arsenic	137	ug/L	1.0	05/16/25 04:10	
EPA 903.1	Radium-226	-0.754 ± 0.695 (1.46) C:NA T:94%	pCi/L		06/05/25 12:53	
EPA 904.0	Radium-228	1.55 ± 0.726 (1.22) C:76% T:89%	pCi/L		06/04/25 16:46	
Total Radium Calculation	Total Radium	1.55 ± 1.42 (2.68)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	381	mg/L	10.0	05/17/25 14:37	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400738005	**MW-14D**					
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	381	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	3260	mg/L	40.0	05/09/25 11:02	
SM 4500-H+B	pH at 25 Degrees C	7.9	Std. Units	0.10	05/08/25 14:50	H3
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	1.0	05/16/25 19:10	
50400738006	**MW-14D1**					
EPA 9056	Chloride	123	mg/L	2.5	05/13/25 20:37	
EPA 9056	Fluoride	0.23	mg/L	0.10	05/13/25 20:20	
EPA 9056	Sulfate	79.4	mg/L	2.5	05/13/25 20:37	
EPA 6010	Barium	365	ug/L	10.0	05/16/25 22:00	
EPA 6010	Boron	236	ug/L	100	05/16/25 22:00	
EPA 6010	Calcium	93400	ug/L	1000	05/16/25 22:00	
EPA 6010	Iron	5140	ug/L	100	05/16/25 22:00	
EPA 6010	Magnesium	24700	ug/L	1000	05/16/25 22:00	
EPA 6010	Manganese	146	ug/L	10.0	05/16/25 22:00	
EPA 6010	Potassium	3560	ug/L	1000	05/16/25 22:00	
EPA 6010	Sodium	72700	ug/L	1000	05/16/25 22:00	
EPA 6020	Arsenic	26.1	ug/L	1.0	05/16/25 04:14	
EPA 903.1	Radium-226	0.399 ± 0.745 (1.29) C:NA T:94%	pCi/L		06/05/25 12:53	
EPA 904.0	Radium-228	0.764 ± 0.532 (1.03) C:80% T:92%	pCi/L		06/04/25 16:46	
Total Radium Calculation	Total Radium	1.16 ± 1.28 (2.32)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	289	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	270	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Carbonate (CaCO3)	18.8	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	544	mg/L	20.0	05/09/25 11:03	
SM 4500-H+B	pH at 25 Degrees C	7.9	Std. Units	0.10	05/08/25 14:52	H3
SM 5310C	Dissolved Organic Carbon	2.5	mg/L	1.0	05/16/25 19:22	
50400738007	**DUP 4**					
EPA 9056	Chloride	129	mg/L	2.5	05/13/25 21:12	
EPA 9056	Fluoride	0.23	mg/L	0.10	05/13/25 20:55	
EPA 9056	Sulfate	72.2	mg/L	2.5	05/13/25 21:12	
EPA 6010	Barium	364	ug/L	10.0	05/16/25 22:02	
EPA 6010	Boron	225	ug/L	100	05/16/25 22:02	
EPA 6010	Calcium	93200	ug/L	1000	05/16/25 22:02	
EPA 6010	Iron	5140	ug/L	100	05/16/25 22:02	
EPA 6010	Magnesium	24700	ug/L	1000	05/16/25 22:02	
EPA 6010	Manganese	145	ug/L	10.0	05/16/25 22:02	
EPA 6010	Potassium	3680	ug/L	1000	05/16/25 22:02	
EPA 6010	Sodium	73600	ug/L	1000	05/16/25 22:02	
EPA 6020	Arsenic	26.1	ug/L	1.0	05/16/25 04:18	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400738007	**DUP 4**					
EPA 903.1	Radium-226	0.570 ± 0.742 (1.24) C:NA T:94%	pCi/L		06/05/25 12:53	
EPA 904.0	Radium-228	0.552 ± 0.539 (1.11) C:76% T:83%	pCi/L		06/04/25 16:46	
Total Radium Calculation	Total Radium	1.12 ± 1.28 (2.35)	pCi/L		06/05/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	478	mg/L	10.0	05/17/25 14:37	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	478	mg/L	10.0	05/17/25 14:37	
SM 2540C	Total Dissolved Solids	557	mg/L	10.0	05/09/25 11:03	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	05/08/25 14:53	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	1.0	05/16/25 19:53	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4SR **Lab ID: 50400738001** Collected: 05/07/25 14:05 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**7.4**	mg/L	0.25	0.13	1		05/13/25 11:20	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		05/13/25 11:20	16984-48-8	
Sulfate	**366**	mg/L	25.0	19.0	100		05/20/25 16:36	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**78.4**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 21:36	7440-39-3	
Boron	**2660**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 21:36	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 21:36	7440-43-9	
Calcium	**237000**	ug/L	2000	168	2	05/13/25 16:31	05/16/25 22:42	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 21:36	7440-47-3	
Iron	ND	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 21:36	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 21:36	7439-92-1	
Lithium	**24.6**	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 21:36	7439-93-2	
Magnesium	**51600**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 21:36	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 21:36	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 21:36	7439-98-7	
Potassium	**2230**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 21:36	7440-09-7	
Sodium	**22900**	ug/L	1000	95.0	1	05/13/25 16:31	05/16/25 21:36	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:19	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 03:48	7440-36-0	
Arsenic	**2.3**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 03:48	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 03:48	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 03:48	7440-48-4	
Selenium	**210**	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 03:48	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 20:51	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 19:56	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**474**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**474**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4SR **Lab ID: 50400738001** Collected: 05/07/25 14:05 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**984**	mg/L	20.0	20.0	1		05/09/25 10:59		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/08/25 14:46		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**3.5**	mg/L	0.10	0.013	1		05/08/25 11:28	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.7**	mg/L	1.0	0.30	1		05/16/25 17:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4I **Lab ID: 50400738002** Collected: 05/07/25 11:24 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**109**	mg/L	2.5	1.3	10		05/20/25 16:53	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.016	1		05/13/25 11:54	16984-48-8	
Sulfate	**50.8**	mg/L	2.5	1.9	10		05/20/25 16:53	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**69.1**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 21:47	7440-39-3	
Boron	**283**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 21:47	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 21:47	7440-43-9	
Calcium	**84100**	ug/L	1000	83.9	1	05/13/25 16:31	05/16/25 21:47	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 21:47	7440-47-3	
Iron	**1170**	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 21:47	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 21:47	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 21:47	7439-93-2	
Magnesium	**20900**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 21:47	7439-95-4	
Manganese	**157**	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 21:47	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 21:47	7439-98-7	
Potassium	**2510**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 21:47	7440-09-7	
Sodium	**62300**	ug/L	1000	95.0	1	05/13/25 16:31	05/16/25 21:47	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:21	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 03:52	7440-36-0	
Arsenic	**2.3**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 03:52	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 03:52	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 03:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 03:52	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 20:54	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 19:58	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**259**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**259**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4I **Lab ID: 50400738002** Collected: 05/07/25 11:24 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**482**	mg/L	10.0	10.0	1		05/09/25 11:00		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		05/08/25 14:47		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.19**	mg/L	0.10	0.013	1		05/08/25 11:21	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.7**	mg/L	1.0	0.30	1		05/16/25 18:34		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4D **Lab ID: 50400738003** Collected: 05/07/25 12:40 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**81.0**	mg/L	2.5	1.3	10		05/13/25 20:03	16887-00-6	
Fluoride	**0.19**	mg/L	0.10	0.016	1		05/13/25 19:46	16984-48-8	
Sulfate	**168**	mg/L	2.5	1.9	10		05/13/25 20:03	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**91.5**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 21:49	7440-39-3	
Boron	**251**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 21:49	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 21:49	7440-43-9	
Calcium	**110000**	ug/L	1000	83.9	1	05/13/25 16:31	05/16/25 21:49	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 21:49	7440-47-3	
Iron	**2450**	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 21:49	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 21:49	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 21:49	7439-93-2	
Magnesium	**28600**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 21:49	7439-95-4	
Manganese	**114**	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 21:49	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 21:49	7439-98-7	
Potassium	**3250**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 21:49	7440-09-7	
Sodium	**66300**	ug/L	1000	95.0	1	05/13/25 16:31	05/16/25 21:49	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:23	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 03:56	7440-36-0	
Arsenic	**2.1**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 03:56	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 03:56	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 03:56	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 03:56	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 20:58	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 20:01	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**292**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**272**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	**20.4**	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4D **Lab ID: 50400738003** Collected: 05/07/25 12:40 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**648**	mg/L	10.0	10.0	1		05/09/25 11:01		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.9**	Std. Units	0.10	0.10	1		05/08/25 14:48		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/08/25 11:25	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.9**	mg/L	1.0	0.30	1		05/16/25 18:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-9D **Lab ID: 50400738004** Collected: 05/07/25 10:35 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**369**	mg/L	25.0	13.0	100		05/13/25 18:05	16887-00-6	
Fluoride	**0.66**	mg/L	0.10	0.016	1		05/13/25 17:31	16984-48-8	
Sulfate	**466**	mg/L	25.0	19.0	100		05/13/25 18:05	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**60.2**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 21:51	7440-39-3	
Boron	**2200**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 21:51	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 21:51	7440-43-9	
Calcium	**215000**	ug/L	2000	168	2	05/13/25 16:31	05/16/25 22:49	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 21:51	7440-47-3	
Iron	**2900**	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 21:51	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 21:51	7439-92-1	
Lithium	**37.5**	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 21:51	7439-93-2	
Magnesium	**52900**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 21:51	7439-95-4	
Manganese	**367**	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 21:51	7439-96-5	
Molybdenum	**63.8**	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 21:51	7439-98-7	
Potassium	**7880**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 21:51	7440-09-7	
Sodium	**265000**	ug/L	2000	190	2	05/13/25 16:31	05/16/25 22:49	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**64.9**	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:26	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 04:00	7440-36-0	
Arsenic	**104**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 04:00	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 04:00	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 04:00	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 04:00	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 21:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 20:03	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**355**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**355**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-9D **Lab ID: 50400738004** Collected: 05/07/25 10:35 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1580**	mg/L	40.0	40.0	1		05/09/25 11:01		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		05/08/25 14:50		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/08/25 11:19	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	2.0	0.60	2		05/19/25 09:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-14D **Lab ID: 50400738005** Collected: 05/07/25 13:45 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**166**	mg/L	2.5	1.3	10		05/13/25 18:38	16887-00-6	
Fluoride	**0.20**	mg/L	0.10	0.016	1		05/13/25 18:21	16984-48-8	
Sulfate	**2070**	mg/L	25.0	19.0	100		05/13/25 18:55	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**39.5**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 21:58	7440-39-3	
Boron	**40500**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 21:58	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 21:58	7440-43-9	
Calcium	**303000**	ug/L	3000	252	3	05/13/25 16:31	05/16/25 22:51	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 21:58	7440-47-3	
Iron	**2280**	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 21:58	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 21:58	7439-92-1	
Lithium	**467**	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 21:58	7439-93-2	
Magnesium	**164000**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 21:58	7439-95-4	
Manganese	**228**	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 21:58	7439-96-5	
Molybdenum	**151**	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 21:58	7439-98-7	
Potassium	**48100**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 21:58	7440-09-7	
Sodium	**469000**	ug/L	3000	285	3	05/13/25 16:31	05/16/25 22:51	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**148**	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:28	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 04:10	7440-36-0	
Arsenic	**137**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 04:10	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 04:10	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 04:10	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 04:10	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 21:12	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 20:06	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**381**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**381**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-14D **Lab ID: 50400738005** Collected: 05/07/25 13:45 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**3260**	mg/L	40.0	40.0	1		05/09/25 11:02		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.9**	Std. Units	0.10	0.10	1		05/08/25 14:50		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/08/25 11:26	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	1.0	0.30	1		05/16/25 19:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-14D1 **Lab ID: 50400738006** Collected: 05/07/25 11:30 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**123**	mg/L	2.5	1.3	10		05/13/25 20:37	16887-00-6	
Fluoride	**0.23**	mg/L	0.10	0.016	1		05/13/25 20:20	16984-48-8	
Sulfate	**79.4**	mg/L	2.5	1.9	10		05/13/25 20:37	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**365**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 22:00	7440-39-3	
Boron	**236**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 22:00	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 22:00	7440-43-9	
Calcium	**93400**	ug/L	1000	83.9	1	05/13/25 16:31	05/16/25 22:00	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 22:00	7440-47-3	
Iron	**5140**	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 22:00	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 22:00	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 22:00	7439-93-2	
Magnesium	**24700**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 22:00	7439-95-4	
Manganese	**146**	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 22:00	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 22:00	7439-98-7	
Potassium	**3560**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 22:00	7440-09-7	
Sodium	**72700**	ug/L	1000	95.0	1	05/13/25 16:31	05/16/25 22:00	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:30	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 04:14	7440-36-0	
Arsenic	**26.1**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 04:14	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 04:14	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 04:14	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 04:14	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 21:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 20:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**289**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**270**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	**18.8**	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-14D1 **Lab ID: 50400738006** Collected: 05/07/25 11:30 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**544**	mg/L	20.0	20.0	1		05/09/25 11:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.9**	Std. Units	0.10	0.10	1		05/08/25 14:52		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/08/25 11:23	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.5**	mg/L	1.0	0.30	1		05/16/25 19:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: DUP 4 **Lab ID: 50400738007** Collected: 05/07/25 08:00 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**129**	mg/L	2.5	1.3	10		05/13/25 21:12	16887-00-6	
Fluoride	**0.23**	mg/L	0.10	0.016	1		05/13/25 20:55	16984-48-8	
Sulfate	**72.2**	mg/L	2.5	1.9	10		05/13/25 21:12	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**364**	ug/L	10.0	0.68	1	05/13/25 16:31	05/16/25 22:02	7440-39-3	
Boron	**225**	ug/L	100	5.6	1	05/13/25 16:31	05/16/25 22:02	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/13/25 16:31	05/16/25 22:02	7440-43-9	
Calcium	**93200**	ug/L	1000	83.9	1	05/13/25 16:31	05/16/25 22:02	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/13/25 16:31	05/16/25 22:02	7440-47-3	
Iron	**5140**	ug/L	100	41.0	1	05/13/25 16:31	05/16/25 22:02	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/13/25 16:31	05/16/25 22:02	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/13/25 16:31	05/16/25 22:02	7439-93-2	
Magnesium	**24700**	ug/L	1000	53.7	1	05/13/25 16:31	05/16/25 22:02	7439-95-4	
Manganese	**145**	ug/L	10.0	0.77	1	05/13/25 16:31	05/16/25 22:02	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/13/25 16:31	05/16/25 22:02	7439-98-7	
Potassium	**3680**	ug/L	1000	113	1	05/13/25 16:31	05/16/25 22:02	7440-09-7	
Sodium	**73600**	ug/L	1000	95.0	1	05/13/25 16:31	05/16/25 22:02	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/13/25 08:58	05/13/25 23:37	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/12/25 15:53	05/16/25 04:18	7440-36-0	
Arsenic	**26.1**	ug/L	1.0	0.080	1	05/12/25 15:53	05/16/25 04:18	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/12/25 15:53	05/16/25 04:18	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/12/25 15:53	05/16/25 04:18	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/12/25 15:53	05/16/25 04:18	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/12/25 15:53	05/13/25 21:19	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/16/25 10:39	05/18/25 20:18	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**478**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Bicarbonate (CaCO3)	**478**	mg/L	10.0	10.0	1		05/17/25 14:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/17/25 14:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: DUP 4 **Lab ID: 50400738007** Collected: 05/07/25 08:00 Received: 05/07/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**557**	mg/L	10.0	10.0	1		05/09/25 11:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		05/08/25 14:53		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/08/25 11:36	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	1.0	0.30	1		05/16/25 19:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 843068 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3860438 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/14/25 05:30	
Fluoride	mg/L	ND	0.10	0.016	05/14/25 05:30	
Sulfate	mg/L	ND	0.25	0.19	05/14/25 05:30	

LABORATORY CONTROL SAMPLE: 3860439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860440 3860441

Parameter	Units	50400738001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	7.4	2.5	2.5	9.8	9.8	96	96	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.2	1.1	110	106	80-120	3	15	
Sulfate	mg/L	366	50	50	433	432	134	132	80-120	0	15	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 843659 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3862772 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/18/25 18:39	

LABORATORY CONTROL SAMPLE: 3862773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862774 3862775

Parameter	Units	50400819016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.8	96	93	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 842662
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3857337 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/16/25 21:31	
Boron	ug/L	ND	100	5.6	05/16/25 21:31	
Cadmium	ug/L	ND	2.0	0.46	05/16/25 21:31	
Calcium	ug/L	ND	1000	83.9	05/16/25 21:31	
Chromium	ug/L	ND	10.0	0.96	05/16/25 21:31	
Iron	ug/L	ND	100	41.0	05/16/25 21:31	
Lead	ug/L	ND	10.0	2.0	05/16/25 21:31	
Lithium	ug/L	ND	20.0	3.8	05/16/25 21:31	
Magnesium	ug/L	ND	1000	53.7	05/16/25 21:31	
Manganese	ug/L	ND	10.0	0.77	05/16/25 21:31	
Molybdenum	ug/L	ND	10.0	1.4	05/16/25 21:31	
Potassium	ug/L	ND	1000	113	05/16/25 21:31	
Sodium	ug/L	ND	1000	95.0	05/16/25 21:31	

LABORATORY CONTROL SAMPLE: 3857338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	972	97	80-120	
Boron	ug/L	1000	938	94	80-120	
Cadmium	ug/L	1000	945	94	80-120	
Calcium	ug/L	10000	9910	99	80-120	
Chromium	ug/L	1000	960	96	80-120	
Iron	ug/L	10000	9650	97	80-120	
Lead	ug/L	1000	919	92	80-120	
Lithium	ug/L	1000	961	96	80-120	
Magnesium	ug/L	10000	9550	95	80-120	
Manganese	ug/L	1000	943	94	80-120	
Molybdenum	ug/L	1000	992	99	80-120	
Potassium	ug/L	10000	9480	95	80-120	
Sodium	ug/L	10000	9610	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857339 3857340

Parameter	Units	50400738001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	78.4	1000	1000	1070	1060	99	98	75-125	0	20	
Boron	ug/L	2660	1000	1000	3710	3670	105	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857339 3857340

Parameter	Units	50400738001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	971	970	97	97	75-125	0	20	
Calcium	ug/L	237000	10000	10000	249000	243000	121	65	75-125	2	20	P6
Chromium	ug/L	ND	1000	1000	972	975	97	98	75-125	0	20	
Iron	ug/L	ND	10000	10000	9610	9600	96	96	75-125	0	20	
Lead	ug/L	ND	1000	1000	899	899	90	90	75-125	0	20	
Lithium	ug/L	24.6	1000	1000	1000	1010	98	98	75-125	0	20	
Magnesium	ug/L	51600	10000	10000	61100	60900	95	94	75-125	0	20	
Manganese	ug/L	ND	1000	1000	937	939	94	94	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1020	1020	102	101	75-125	0	20	
Potassium	ug/L	2230	10000	10000	12000	12100	98	99	75-125	0	20	
Sodium	ug/L	22900	10000	10000	32500	32600	96	97	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 842697 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3857472 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/13/25 22:43	

LABORATORY CONTROL SAMPLE: 3857473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	998	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857474 3857475

Parameter	Units	50400728003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1040	1030	103	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 843121
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3860615 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/13/25 19:20	
Arsenic	ug/L	ND	1.0	0.080	05/13/25 19:20	
Beryllium	ug/L	ND	0.20	0.026	05/13/25 19:20	
Cobalt	ug/L	ND	1.0	0.045	05/13/25 19:20	
Selenium	ug/L	ND	1.0	0.26	05/13/25 19:20	
Thallium	ug/L	ND	1.0	0.052	05/13/25 19:20	

LABORATORY CONTROL SAMPLE: 3860616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.8	105	80-120	
Arsenic	ug/L	40	37.8	94	80-120	
Beryllium	ug/L	40	38.1	95	80-120	
Cobalt	ug/L	40	41.4	103	80-120	
Selenium	ug/L	40	39.1	98	80-120	
Thallium	ug/L	40	40.7	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860617 3860618

Parameter	Units	50400728003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.5	41.8	104	104	75-125	1	20	
Arsenic	ug/L	ND	40	40	37.4	37.4	93	93	75-125	0	20	
Beryllium	ug/L	ND	40	40	43.4	44.3	108	111	75-125	2	20	
Cobalt	ug/L	1.3	40	40	39.2	39.0	95	94	75-125	0	20	
Selenium	ug/L	ND	40	40	37.9	39.0	94	97	75-125	3	20	
Thallium	ug/L	ND	40	40	43.4	43.6	108	109	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 844287 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3866136 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/17/25 14:37	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/17/25 14:37	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/17/25 14:37	

LABORATORY CONTROL SAMPLE: 3866137

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.9	104	90-110	

SAMPLE DUPLICATE: 3866138

Parameter	Units	50401144002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	424	420	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	424	420	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3866139

Parameter	Units	50401144005 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	337	334	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	337	334	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 842732 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3857693 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/09/25 10:57	

LABORATORY CONTROL SAMPLE: 3857694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	273	91	80-120	

SAMPLE DUPLICATE: 3857695

Parameter	Units	50400738001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	984	1020	3	10	

SAMPLE DUPLICATE: 3857696

Parameter	Units	50400750004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	826	820	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 842567
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

SAMPLE DUPLICATE: 3856747

Parameter	Units	50400708003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.6	6.5	2	2	H3

SAMPLE DUPLICATE: 3856748

Parameter	Units	50400728003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.4	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 842556 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3856697 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/08/25 10:55	

LABORATORY CONTROL SAMPLE: 3856698

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3856699 3856700

Parameter	Units	50400728003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	103	104	90-110	1	20	

MATRIX SPIKE SAMPLE: 3856701

Parameter	Units	50400728001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	102	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 843949 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006

METHOD BLANK: 3864189 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/16/25 13:00	

LABORATORY CONTROL SAMPLE: 3864190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864191 3864192

Parameter	Units	50400728003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.9	10	10	13.1	13.0	91	90	80-120	1	15	

MATRIX SPIKE SAMPLE: 3864193

Parameter	Units	50400738001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.7	10	10.6	88	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 843950
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400738007

METHOD BLANK: 3864196 Matrix: Water
Associated Lab Samples: 50400738007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/16/25 19:32	

LABORATORY CONTROL SAMPLE: 3864197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864198 3864199

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.4	12.5	94	95	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864202 3864203

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	11.6	11.3	102	99	80-120	2	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4SR **Lab ID: 50400738001** Collected: 05/07/25 14:05 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.211 ± 0.788 (1.51) C:NA T:91%**	pCi/L	06/05/25 12:40	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.840 ± 0.503 (0.929) C:76% T:83%**	pCi/L	06/04/25 13:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.840 ± 1.29 (2.44)**	pCi/L	06/05/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4I **Lab ID: 50400738002** Collected: 05/07/25 11:24 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.173 ± 0.823 (1.50) C:NA T:91%**	pCi/L	06/05/25 12:40	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.295 ± 0.380 (0.809) C:73% T:91%**	pCi/L	06/04/25 13:41	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.468 ± 1.20 (2.31)**	pCi/L	06/05/25 16:52	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-4D **Lab ID: 50400738003** Collected: 05/07/25 12:40 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.743 ± 0.804 (1.31) C:NA T:85%**	pCi/L	06/05/25 12:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.873 ± 0.625 (1.21) C:73% T:84%**	pCi/L	06/04/25 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.62 ± 1.43 (2.52)**	pCi/L	06/05/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-9D **Lab ID: 50400738004** Collected: 05/07/25 10:35 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.53 ± 0.935 (1.32) C:NA T:91%**	pCi/L	06/05/25 12:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.810 ± 0.605 (1.18) C:80% T:82%**	pCi/L	06/04/25 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.34 ± 1.54 (2.50)**	pCi/L	06/05/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-14D **Lab ID: 50400738005** Collected: 05/07/25 13:45 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.754 ± 0.695 (1.46) C:NA T:94%**	pCi/L	06/05/25 12:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.55 ± 0.726 (1.22) C:76% T:89%**	pCi/L	06/04/25 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.55 ± 1.42 (2.68)**	pCi/L	06/05/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: MW-14D1 **Lab ID: 50400738006** Collected: 05/07/25 11:30 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.399 ± 0.745 (1.29) C:NA T:94%**	pCi/L	06/05/25 12:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.764 ± 0.532 (1.03) C:80% T:92%**	pCi/L	06/04/25 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.16 ± 1.28 (2.32)**	pCi/L	06/05/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Sample: DUP 4 **Lab ID: 50400738007** Collected: 05/07/25 08:00 Received: 05/07/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.570 ± 0.742 (1.24) C:NA T:94%**	pCi/L	06/05/25 12:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.552 ± 0.539 (1.11) C:76% T:83%**	pCi/L	06/04/25 16:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.12 ± 1.28 (2.35)**	pCi/L	06/05/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 745680 | Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 | Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3630793 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.146 ± 0.249 (0.580) C:NA T:98%	pCi/L	06/05/25 12:28	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

QC Batch: 745681 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

METHOD BLANK: 3630795 Matrix: Water
Associated Lab Samples: 50400738001, 50400738002, 50400738003, 50400738004, 50400738005, 50400738006, 50400738007

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.801 ± 0.451 (0.798) C:73% T:83%	pCi/L	06/04/25 13:53	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50400738001	**MW-4SR**	EPA 9056	843068		
50400738002	**MW-4I**	EPA 9056	843068		
50400738003	**MW-4D**	EPA 9056	843068		
50400738004	**MW-9D**	EPA 9056	843068		
50400738005	**MW-14D**	EPA 9056	843068		
50400738006	**MW-14D1**	EPA 9056	843068		
50400738007	**DUP 4**	EPA 9056	843068		
50400738001	**MW-4SR**	EPA 3010	842662	EPA 6010	844271
50400738002	**MW-4I**	EPA 3010	842662	EPA 6010	844271
50400738003	**MW-4D**	EPA 3010	842662	EPA 6010	844271
50400738004	**MW-9D**	EPA 3010	842662	EPA 6010	844271
50400738005	**MW-14D**	EPA 3010	842662	EPA 6010	844271
50400738006	**MW-14D1**	EPA 3010	842662	EPA 6010	844271
50400738007	**DUP 4**	EPA 3010	842662	EPA 6010	844271
50400738001	**MW-4SR**	EPA 3010	842697	EPA 6010	843513
50400738002	**MW-4I**	EPA 3010	842697	EPA 6010	843513
50400738003	**MW-4D**	EPA 3010	842697	EPA 6010	843513
50400738004	**MW-9D**	EPA 3010	842697	EPA 6010	843513
50400738005	**MW-14D**	EPA 3010	842697	EPA 6010	843513
50400738006	**MW-14D1**	EPA 3010	842697	EPA 6010	843513
50400738007	**DUP 4**	EPA 3010	842697	EPA 6010	843513
50400738001	**MW-4SR**	EPA 200.2	843121	EPA 6020	843410
50400738002	**MW-4I**	EPA 200.2	843121	EPA 6020	843410
50400738003	**MW-4D**	EPA 200.2	843121	EPA 6020	843410
50400738004	**MW-9D**	EPA 200.2	843121	EPA 6020	843410
50400738005	**MW-14D**	EPA 200.2	843121	EPA 6020	843410
50400738006	**MW-14D1**	EPA 200.2	843121	EPA 6020	843410
50400738007	**DUP 4**	EPA 200.2	843121	EPA 6020	843410
50400738001	**MW-4SR**	EPA 7470	843659	EPA 7470	844377
50400738002	**MW-4I**	EPA 7470	843659	EPA 7470	844377
50400738003	**MW-4D**	EPA 7470	843659	EPA 7470	844377
50400738004	**MW-9D**	EPA 7470	843659	EPA 7470	844377
50400738005	**MW-14D**	EPA 7470	843659	EPA 7470	844377
50400738006	**MW-14D1**	EPA 7470	843659	EPA 7470	844377
50400738007	**DUP 4**	EPA 7470	843659	EPA 7470	844377
50400738001	**MW-4SR**	EPA 903.1	745680		
50400738002	**MW-4I**	EPA 903.1	745680		
50400738003	**MW-4D**	EPA 903.1	745680		
50400738004	**MW-9D**	EPA 903.1	745680		
50400738005	**MW-14D**	EPA 903.1	745680		
50400738006	**MW-14D1**	EPA 903.1	745680		
50400738007	**DUP 4**	EPA 903.1	745680		
50400738001	**MW-4SR**	EPA 904.0	745681		
50400738002	**MW-4I**	EPA 904.0	745681		
50400738003	**MW-4D**	EPA 904.0	745681		
50400738004	**MW-9D**	EPA 904.0	745681		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400738

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50400738005	**MW-14D**	EPA 904.0	745681		
50400738006	**MW-14D1**	EPA 904.0	745681		
50400738007	**DUP 4**	EPA 904.0	745681		
50400738001	**MW-4SR**	Total Radium Calculation	750219		
50400738002	**MW-4I**	Total Radium Calculation	750219		
50400738003	**MW-4D**	Total Radium Calculation	750219		
50400738004	**MW-9D**	Total Radium Calculation	750219		
50400738005	**MW-14D**	Total Radium Calculation	750219		
50400738006	**MW-14D1**	Total Radium Calculation	750219		
50400738007	**DUP 4**	Total Radium Calculation	750219		
50400738001	**MW-4SR**	SM 2320B	844287		
50400738002	**MW-4I**	SM 2320B	844287		
50400738003	**MW-4D**	SM 2320B	844287		
50400738004	**MW-9D**	SM 2320B	844287		
50400738005	**MW-14D**	SM 2320B	844287		
50400738006	**MW-14D1**	SM 2320B	844287		
50400738007	**DUP 4**	SM 2320B	844287		
50400738001	**MW-4SR**	SM 2540C	842732		
50400738002	**MW-4I**	SM 2540C	842732		
50400738003	**MW-4D**	SM 2540C	842732		
50400738004	**MW-9D**	SM 2540C	842732		
50400738005	**MW-14D**	SM 2540C	842732		
50400738006	**MW-14D1**	SM 2540C	842732		
50400738007	**DUP 4**	SM 2540C	842732		
50400738001	**MW-4SR**	SM 4500-H+B	842567		
50400738002	**MW-4I**	SM 4500-H+B	842567		
50400738003	**MW-4D**	SM 4500-H+B	842567		
50400738004	**MW-9D**	SM 4500-H+B	842567		
50400738005	**MW-14D**	SM 4500-H+B	842567		
50400738006	**MW-14D1**	SM 4500-H+B	842567		
50400738007	**DUP 4**	SM 4500-H+B	842567		
50400738001	**MW-4SR**	EPA 353.2	842556		
50400738002	**MW-4I**	EPA 353.2	842556		
50400738003	**MW-4D**	EPA 353.2	842556		
50400738004	**MW-9D**	EPA 353.2	842556		
50400738005	**MW-14D**	EPA 353.2	842556		
50400738006	**MW-14D1**	EPA 353.2	842556		
50400738007	**DUP 4**	EPA 353.2	842556		
50400738001	**MW-4SR**	SM 5310C	843949		
50400738002	**MW-4I**	SM 5310C	843949		
50400738003	**MW-4D**	SM 5310C	843949		
50400738004	**MW-9D**	SM 5310C	843949		
50400738005	**MW-14D**	SM 5310C	843949		
50400738006	**MW-14D1**	SM 5310C	843949		
50400738007	**DUP 4**	SM 5310C	843950		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50400738

50400738

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-45R	GW	G	5-7-25	1405			8			—	—	—	—	—	—	6	001
MW-4I				1124			8			1	1	1	1	1	1	2	002
MW-4D				1240													003
MW-9D				1035													004
MW-14D				1345													005
MW-14D1				1130													006
DUP-4	↓	↓	↓	—			↓			↓	↓	↓	↓	↓	↓	↓	007

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Mykah Bertram Amanda Sullivan MD Bazlamit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	F	0.0	see SCUr		Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
ATLAS	5-7-25 / 1630	Pace	5/7/25 16:30

Tracking Number:

Delivered by: [X] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/7/25 16:27 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E (F) G H I

2. Cooler Temperature(s): (Initial/Corrected) 5.1/5.1 | 3.9/3.9 | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: ~~Wet~~ Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? Analysis: N. 353.2 Nitrate	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** Circle: (HNO3 (<2)) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	—		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

| | | | MeOH (only) | | |

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Dear Mr. Breting:

Enclosed are the analytical results for sample(s) received by the laboratory on May 08, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50400935001	**MW-3S**	Water	05/08/25 13:05	05/08/25 15:30
50400935002	**MW-3D**	Water	05/08/25 10:26	05/08/25 15:30
50400935003	**MW-6S**	Water	05/08/25 10:30	05/08/25 15:30
50400935004	**MW-6I**	Water	05/08/25 13:00	05/08/25 15:30
50400935005	**MW-3D MS 1**	Water	05/08/25 10:26	05/08/25 15:30
50400935006	**MW-3D MSD 1**	Water	05/08/25 10:26	05/08/25 15:30

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50400935001	**MW-3S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400935002	**MW-3D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400935003	**MW-6S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400935004	**MW-6I**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50400935005	**MW-3D MS 1**	EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
50400935006	**MW-3D MSD 1**	EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400935001	**MW-3S**					
EPA 9056	Chloride	36.6	mg/L	2.5	05/15/25 20:22	
EPA 9056	Fluoride	0.22	mg/L	0.10	05/15/25 20:05	
EPA 9056	Sulfate	121	mg/L	2.5	05/15/25 20:22	
EPA 6010	Barium	33.3	ug/L	10.0	05/17/25 07:52	
EPA 6010	Boron	435	ug/L	100	05/17/25 07:52	
EPA 6010	Calcium	105000	ug/L	1000	05/17/25 07:52	
EPA 6010	Magnesium	21100	ug/L	1000	05/17/25 07:52	
EPA 6010	Manganese	19.5	ug/L	10.0	05/17/25 07:52	
EPA 6010	Molybdenum	33.3	ug/L	10.0	05/17/25 07:52	
EPA 6010	Potassium	1310	ug/L	1000	05/17/25 07:52	
EPA 6010	Sodium	18700	ug/L	1000	05/17/25 07:52	
EPA 6010	Molybdenum, Dissolved	33.5	ug/L	10.0	05/16/25 02:35	
EPA 6020	Antimony	5.2	ug/L	1.0	05/16/25 04:20	
EPA 6020	Arsenic	1.4	ug/L	1.0	05/16/25 04:20	
EPA 6020	Selenium	54.1	ug/L	1.0	05/16/25 04:20	
EPA 903.1	Radium-226	-0.238 ± 0.467 (0.987) C:NA T:95%	pCi/L		06/10/25 15:59	
EPA 904.0	Radium-228	0.145 ± 0.448 (1.00) C:76% T:82%	pCi/L		06/04/25 17:06	
Total Radium Calculation	Total Radium	0.145 ± 0.915 (1.99)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	230	mg/L	10.0	05/21/25 16:31	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	230	mg/L	10.0	05/21/25 16:31	
SM 2540C	Total Dissolved Solids	450	mg/L	10.0	05/12/25 11:42	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/13/25 14:26	H3
EPA 353.2	Nitrogen, Nitrate	1.7	mg/L	0.10	05/09/25 10:16	
SM 5310C	Dissolved Organic Carbon	1.5	mg/L	1.0	05/16/25 22:27	
50400935002	**MW-3D**					
EPA 9056	Chloride	226	mg/L	25.0	05/23/25 10:18	
EPA 9056	Fluoride	0.20	mg/L	0.10	05/16/25 01:07	
EPA 9056	Sulfate	55.9	mg/L	2.5	05/16/25 01:24	
EPA 6010	Barium	110	ug/L	10.0	05/17/25 07:54	
EPA 6010	Boron	189	ug/L	100	05/17/25 07:54	
EPA 6010	Calcium	100000	ug/L	1000	05/17/25 07:54	
EPA 6010	Iron	1500	ug/L	100	05/17/25 07:54	
EPA 6010	Magnesium	25800	ug/L	1000	05/17/25 07:54	
EPA 6010	Manganese	199	ug/L	10.0	05/17/25 07:54	
EPA 6010	Potassium	3300	ug/L	1000	05/17/25 07:54	
EPA 6010	Sodium	96200	ug/L	1000	05/17/25 07:54	
EPA 6020	Arsenic	3.6	ug/L	1.0	05/16/25 03:52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400935002	**MW-3D**					
EPA 903.1	Radium-226	0.458 ± 0.456 (0.730) C:NA T:93%	pCi/L		06/10/25 15:59	
EPA 904.0	Radium-228	0.813 ± 0.483 (0.900) C:76% T:85%	pCi/L		06/04/25 17:06	
Total Radium Calculation	Total Radium	1.27 ± 0.939 (1.63)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	227	mg/L	10.0	05/21/25 16:31	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	227	mg/L	10.0	05/21/25 16:31	
SM 2540C	Total Dissolved Solids	698	mg/L	20.0	05/12/25 11:42	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/13/25 14:27	H3
50400935003	**MW-6S**					
EPA 9056	Chloride	211	mg/L	2.5	05/15/25 20:55	
EPA 9056	Fluoride	1.3	mg/L	0.10	05/15/25 20:39	
EPA 9056	Sulfate	433	mg/L	25.0	05/15/25 21:12	
EPA 6010	Barium	102	ug/L	10.0	05/17/25 08:05	
EPA 6010	Boron	3380	ug/L	100	05/17/25 08:05	
EPA 6010	Calcium	241000	ug/L	2000	05/17/25 08:47	
EPA 6010	Iron	3470	ug/L	100	05/17/25 08:05	
EPA 6010	Lithium	56.0	ug/L	20.0	05/17/25 08:05	
EPA 6010	Magnesium	58900	ug/L	1000	05/17/25 08:05	
EPA 6010	Manganese	1560	ug/L	10.0	05/17/25 08:05	
EPA 6010	Molybdenum	179	ug/L	10.0	05/17/25 08:05	
EPA 6010	Potassium	10600	ug/L	1000	05/17/25 08:05	
EPA 6010	Sodium	158000	ug/L	1000	05/17/25 08:05	
EPA 6010	Molybdenum, Dissolved	180	ug/L	10.0	05/16/25 02:44	
EPA 6020	Arsenic	5.8	ug/L	1.0	05/16/25 04:24	
EPA 6020	Cobalt	2.5	ug/L	1.0	05/16/25 04:24	
EPA 6020	Selenium	15.9	ug/L	1.0	05/16/25 04:24	
EPA 903.1	Radium-226	0.0455 ± 0.463 (0.886) C:NA T:93%	pCi/L		06/10/25 15:59	
EPA 904.0	Radium-228	0.223 ± 0.501 (1.11) C:69% T:74%	pCi/L		06/04/25 17:06	
Total Radium Calculation	Total Radium	0.269 ± 0.964 (2.00)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	497	mg/L	10.0	05/21/25 16:31	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	497	mg/L	10.0	05/21/25 16:31	
SM 2540C	Total Dissolved Solids	1430	mg/L	20.0	05/12/25 11:43	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	05/13/25 14:34	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400935003	**MW-6S**					
EPA 353.2	Nitrogen, Nitrate	1.6	mg/L	0.10	05/09/25 09:27	
SM 5310C	Dissolved Organic Carbon	3.4	mg/L	1.0	05/16/25 23:38	
50400935004	**MW-6I**					
EPA 9056	Chloride	215	mg/L	2.5	05/16/25 03:05	
EPA 9056	Fluoride	0.32	mg/L	0.10	05/16/25 02:48	
EPA 9056	Sulfate	655	mg/L	25.0	05/16/25 03:22	
EPA 6010	Barium	25.6	ug/L	10.0	05/17/25 08:08	
EPA 6010	Boron	2560	ug/L	100	05/17/25 08:08	
EPA 6010	Calcium	221000	ug/L	2000	05/17/25 08:49	
EPA 6010	Iron	4410	ug/L	100	05/17/25 08:08	
EPA 6010	Lithium	68.5	ug/L	20.0	05/17/25 08:08	
EPA 6010	Magnesium	79900	ug/L	1000	05/17/25 08:08	
EPA 6010	Manganese	360	ug/L	10.0	05/17/25 08:08	
EPA 6010	Molybdenum	100	ug/L	10.0	05/17/25 08:08	
EPA 6010	Potassium	11900	ug/L	1000	05/17/25 08:08	
EPA 6010	Sodium	183000	ug/L	1000	05/17/25 08:08	
EPA 6010	Molybdenum, Dissolved	104	ug/L	10.0	05/16/25 02:46	
EPA 6020	Arsenic	9.4	ug/L	1.0	05/16/25 04:28	
EPA 903.1	Radium-226	0.764 ± 0.648 (1.01) C:NA T:97%	pCi/L		06/10/25 15:59	
EPA 904.0	Radium-228	0.878 ± 0.517 (0.966) C:71% T:89%	pCi/L		06/04/25 17:06	
Total Radium Calculation	Total Radium	1.64 ± 1.17 (1.98)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	358	mg/L	10.0	05/21/25 16:31	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	358	mg/L	10.0	05/21/25 16:31	
SM 2540C	Total Dissolved Solids	1630	mg/L	20.0	05/12/25 11:43	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/13/25 14:35	H3
SM 5310C	Dissolved Organic Carbon	4.1	mg/L	3.0	05/19/25 10:20	
50400935005	**MW-3D MS 1**					
EPA 903.1	Radium-226	71.75 %REC ± NA (NA) C:NA T:NA	pCi/L		06/10/25 15:59	
EPA 904.0	Radium-228	82.11 %REC ± NA (NA) C:NA T:NA	pCi/L		06/04/25 20:10	
50400935006	**MW-3D MSD 1**					
EPA 903.1	Radium-226	89.44 %REC 21.94RPD ± NA (NA) C:NA T:NA	pCi/L		06/10/25 15:59	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50400935006	**MW-3D MSD 1**					
EPA 904.0	Radium-228	81.59 %REC 0.64RPD ± NA (NA) C:NA T:NA	pCi/L		06/04/25 20:05	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3S **Lab ID: 50400935001** Collected: 05/08/25 13:05 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**36.6**	mg/L	2.5	1.3	10		05/15/25 20:22	16887-00-6	
Fluoride	**0.22**	mg/L	0.10	0.016	1		05/15/25 20:05	16984-48-8	
Sulfate	**121**	mg/L	2.5	1.9	10		05/15/25 20:22	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**33.3**	ug/L	10.0	0.68	1	05/15/25 08:07	05/17/25 07:52	7440-39-3	
Boron	**435**	ug/L	100	5.6	1	05/15/25 08:07	05/17/25 07:52	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 08:07	05/17/25 07:52	7440-43-9	
Calcium	**105000**	ug/L	1000	83.9	1	05/15/25 08:07	05/17/25 07:52	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 08:07	05/17/25 07:52	7440-47-3	
Iron	ND	ug/L	100	41.0	1	05/15/25 08:07	05/17/25 07:52	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 08:07	05/17/25 07:52	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/15/25 08:07	05/17/25 07:52	7439-93-2	
Magnesium	**21100**	ug/L	1000	53.7	1	05/15/25 08:07	05/17/25 07:52	7439-95-4	
Manganese	**19.5**	ug/L	10.0	0.77	1	05/15/25 08:07	05/17/25 07:52	7439-96-5	
Molybdenum	**33.3**	ug/L	10.0	1.4	1	05/15/25 08:07	05/17/25 07:52	7439-98-7	
Potassium	**1310**	ug/L	1000	113	1	05/15/25 08:07	05/17/25 07:52	7440-09-7	
Sodium	**18700**	ug/L	1000	95.0	1	05/15/25 08:07	05/17/25 07:52	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**33.5**	ug/L	10.0	1.4	1	05/14/25 15:23	05/16/25 02:35	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	**5.2**	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 04:20	7440-36-0	
Arsenic	**1.4**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 04:20	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 04:20	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 04:20	7440-48-4	
Selenium	**54.1**	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 04:20	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 04:20	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/20/25 20:11	05/21/25 09:46	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**230**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Bicarbonate (CaCO3)	**230**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/21/25 16:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3S **Lab ID: 50400935001** Collected: 05/08/25 13:05 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**450**	mg/L	10.0	10.0	1		05/12/25 11:42		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/13/25 14:26		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**1.7**	mg/L	0.10	0.013	1		05/09/25 10:16	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.5**	mg/L	1.0	0.30	1		05/16/25 22:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3D **Lab ID: 50400935002** Collected: 05/08/25 10:26 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**226**	mg/L	25.0	13.0	100		05/23/25 10:18	16887-00-6	
Fluoride	**0.20**	mg/L	0.10	0.016	1		05/16/25 01:07	16984-48-8	
Sulfate	**55.9**	mg/L	2.5	1.9	10		05/16/25 01:24	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**110**	ug/L	10.0	0.68	1	05/15/25 08:07	05/17/25 07:54	7440-39-3	
Boron	**189**	ug/L	100	5.6	1	05/15/25 08:07	05/17/25 07:54	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 08:07	05/17/25 07:54	7440-43-9	
Calcium	**100000**	ug/L	1000	83.9	1	05/15/25 08:07	05/17/25 07:54	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 08:07	05/17/25 07:54	7440-47-3	
Iron	**1500**	ug/L	100	41.0	1	05/15/25 08:07	05/17/25 07:54	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 08:07	05/17/25 07:54	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/15/25 08:07	05/17/25 07:54	7439-93-2	
Magnesium	**25800**	ug/L	1000	53.7	1	05/15/25 08:07	05/17/25 07:54	7439-95-4	
Manganese	**199**	ug/L	10.0	0.77	1	05/15/25 08:07	05/17/25 07:54	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/15/25 08:07	05/17/25 07:54	7439-98-7	
Potassium	**3300**	ug/L	1000	113	1	05/15/25 08:07	05/17/25 07:54	7440-09-7	
Sodium	**96200**	ug/L	1000	95.0	1	05/15/25 08:07	05/17/25 07:54	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/14/25 15:23	05/16/25 02:37	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 03:52	7440-36-0	
Arsenic	**3.6**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 03:52	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 03:52	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 03:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 03:52	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 03:52	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/20/25 20:11	05/21/25 09:48	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**227**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Bicarbonate (CaCO3)	**227**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/21/25 16:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3D **Lab ID: 50400935002** Collected: 05/08/25 10:26 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**698**	mg/L	20.0	20.0	1		05/12/25 11:42		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/13/25 14:27		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/09/25 09:55	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/19/25 10:09		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-6S **Lab ID: 50400935003** Collected: 05/08/25 10:30 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**211**	mg/L	2.5	1.3	10		05/15/25 20:55	16887-00-6	
Fluoride	**1.3**	mg/L	0.10	0.016	1		05/15/25 20:39	16984-48-8	
Sulfate	**433**	mg/L	25.0	19.0	100		05/15/25 21:12	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**102**	ug/L	10.0	0.68	1	05/15/25 08:07	05/17/25 08:05	7440-39-3	
Boron	**3380**	ug/L	100	5.6	1	05/15/25 08:07	05/17/25 08:05	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 08:07	05/17/25 08:05	7440-43-9	
Calcium	**241000**	ug/L	2000	168	2	05/15/25 08:07	05/17/25 08:47	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 08:07	05/17/25 08:05	7440-47-3	
Iron	**3470**	ug/L	100	41.0	1	05/15/25 08:07	05/17/25 08:05	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 08:07	05/17/25 08:05	7439-92-1	
Lithium	**56.0**	ug/L	20.0	3.8	1	05/15/25 08:07	05/17/25 08:05	7439-93-2	
Magnesium	**58900**	ug/L	1000	53.7	1	05/15/25 08:07	05/17/25 08:05	7439-95-4	
Manganese	**1560**	ug/L	10.0	0.77	1	05/15/25 08:07	05/17/25 08:05	7439-96-5	
Molybdenum	**179**	ug/L	10.0	1.4	1	05/15/25 08:07	05/17/25 08:05	7439-98-7	
Potassium	**10600**	ug/L	1000	113	1	05/15/25 08:07	05/17/25 08:05	7440-09-7	
Sodium	**158000**	ug/L	1000	95.0	1	05/15/25 08:07	05/17/25 08:05	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**180**	ug/L	10.0	1.4	1	05/14/25 15:23	05/16/25 02:44	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 04:24	7440-36-0	
Arsenic	**5.8**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 04:24	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 04:24	7440-41-7	
Cobalt	**2.5**	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 04:24	7440-48-4	
Selenium	**15.9**	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 04:24	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 04:24	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/20/25 20:11	05/21/25 10:00	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**497**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Bicarbonate (CaCO3)	**497**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/21/25 16:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-6S **Lab ID: 50400935003** Collected: 05/08/25 10:30 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1430**	mg/L	20.0	20.0	1		05/12/25 11:43		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		05/13/25 14:34		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**1.6**	mg/L	0.10	0.013	1		05/09/25 09:27	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.4**	mg/L	1.0	0.30	1		05/16/25 23:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-6I **Lab ID: 50400935004** Collected: 05/08/25 13:00 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**215**	mg/L	2.5	1.3	10		05/16/25 03:05	16887-00-6	
Fluoride	**0.32**	mg/L	0.10	0.016	1		05/16/25 02:48	16984-48-8	
Sulfate	**655**	mg/L	25.0	19.0	100		05/16/25 03:22	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**25.6**	ug/L	10.0	0.68	1	05/15/25 08:07	05/17/25 08:08	7440-39-3	
Boron	**2560**	ug/L	100	5.6	1	05/15/25 08:07	05/17/25 08:08	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 08:07	05/17/25 08:08	7440-43-9	
Calcium	**221000**	ug/L	2000	168	2	05/15/25 08:07	05/17/25 08:49	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 08:07	05/17/25 08:08	7440-47-3	
Iron	**4410**	ug/L	100	41.0	1	05/15/25 08:07	05/17/25 08:08	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 08:07	05/17/25 08:08	7439-92-1	
Lithium	**68.5**	ug/L	20.0	3.8	1	05/15/25 08:07	05/17/25 08:08	7439-93-2	
Magnesium	**79900**	ug/L	1000	53.7	1	05/15/25 08:07	05/17/25 08:08	7439-95-4	
Manganese	**360**	ug/L	10.0	0.77	1	05/15/25 08:07	05/17/25 08:08	7439-96-5	
Molybdenum	**100**	ug/L	10.0	1.4	1	05/15/25 08:07	05/17/25 08:08	7439-98-7	
Potassium	**11900**	ug/L	1000	113	1	05/15/25 08:07	05/17/25 08:08	7440-09-7	
Sodium	**183000**	ug/L	1000	95.0	1	05/15/25 08:07	05/17/25 08:08	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**104**	ug/L	10.0	1.4	1	05/14/25 15:23	05/16/25 02:46	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 04:28	7440-36-0	
Arsenic	**9.4**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 04:28	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 04:28	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 04:28	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 04:28	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 04:28	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/20/25 20:11	05/21/25 10:03	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**358**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Bicarbonate (CaCO3)	**358**	mg/L	10.0	10.0	1		05/21/25 16:31		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/21/25 16:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-6I **Lab ID: 50400935004** Collected: 05/08/25 13:00 Received: 05/08/25 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1630**	mg/L	20.0	20.0	1		05/12/25 11:43		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/13/25 14:35		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/09/25 10:05	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.1**	mg/L	3.0	0.90	3		05/19/25 10:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 843222
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3860920 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/15/25 15:37	
Fluoride	mg/L	ND	0.10	0.016	05/15/25 15:37	
Sulfate	mg/L	ND	0.25	0.19	05/15/25 15:37	

LABORATORY CONTROL SAMPLE: 3860921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	95	80-120	
Fluoride	mg/L	1	0.99	99	80-120	
Sulfate	mg/L	5	4.7	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860922 3860923

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	35.1	25	25	56.7	56.2	87	84	80-120	1	15	
Fluoride	mg/L	0.33	1	1	1.3	1.3	99	98	80-120	1	15	
Sulfate	mg/L	619	500	500	1060	1060	89	89	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860924 3860925

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	226	250	250	473	462	99	95	80-120	2	15	
Fluoride	mg/L	0.20	1	1	1.2	1.2	98	97	80-120	0	15	
Sulfate	mg/L	55.9	50	50	102	101	93	91	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 844402 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3866840 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/21/25 09:28	

LABORATORY CONTROL SAMPLE: 3866841

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866842 3866843

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	5.0	97	100	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 842711
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3857640 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/17/25 07:48	
Boron	ug/L	ND	100	5.6	05/17/25 07:48	
Cadmium	ug/L	ND	2.0	0.46	05/17/25 07:48	
Calcium	ug/L	ND	1000	83.9	05/17/25 07:48	
Chromium	ug/L	ND	10.0	0.96	05/17/25 07:48	
Iron	ug/L	ND	100	41.0	05/17/25 07:48	
Lead	ug/L	ND	10.0	2.0	05/17/25 07:48	
Lithium	ug/L	ND	20.0	3.8	05/17/25 07:48	
Magnesium	ug/L	ND	1000	53.7	05/17/25 07:48	
Manganese	ug/L	ND	10.0	0.77	05/17/25 07:48	
Molybdenum	ug/L	ND	10.0	1.4	05/17/25 07:48	
Potassium	ug/L	ND	1000	113	05/17/25 07:48	
Sodium	ug/L	ND	1000	95.0	05/17/25 07:48	

LABORATORY CONTROL SAMPLE: 3857641

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	990	99	80-120	
Boron	ug/L	1000	959	96	80-120	
Cadmium	ug/L	1000	962	96	80-120	
Calcium	ug/L	10000	10100	101	80-120	
Chromium	ug/L	1000	978	98	80-120	
Iron	ug/L	10000	9730	97	80-120	
Lead	ug/L	1000	931	93	80-120	
Lithium	ug/L	1000	968	97	80-120	
Magnesium	ug/L	10000	9700	97	80-120	
Manganese	ug/L	1000	966	97	80-120	
Molybdenum	ug/L	1000	1010	101	80-120	
Potassium	ug/L	10000	9670	97	80-120	
Sodium	ug/L	10000	9910	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857642 3857643

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	110	1000	1000	1090	1070	98	96	75-125	2	20	
Boron	ug/L	189	1000	1000	1170	1160	98	97	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857642 3857643

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	961	947	96	95	75-125	1	20	
Calcium	ug/L	100000	10000	10000	110000	108000	96	78	75-125	2	20	
Chromium	ug/L	ND	1000	1000	956	942	96	94	75-125	1	20	
Iron	ug/L	1500	10000	10000	11100	10900	96	94	75-125	2	20	
Lead	ug/L	ND	1000	1000	904	892	90	89	75-125	1	20	
Lithium	ug/L	ND	1000	1000	969	938	96	93	75-125	3	20	
Magnesium	ug/L	25800	10000	10000	35300	34800	95	91	75-125	1	20	
Manganese	ug/L	199	1000	1000	1140	1130	95	93	75-125	2	20	
Molybdenum	ug/L	ND	1000	1000	1020	1010	102	100	75-125	2	20	
Potassium	ug/L	3300	10000	10000	13200	12700	99	94	75-125	4	20	
Sodium	ug/L	96200	10000	10000	108000	105000	118	90	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 842717
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3857656 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/16/25 01:36	

LABORATORY CONTROL SAMPLE: 3857657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857658 3857659

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	35.4	1000	1000	1040	1050	100	102	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857660 3857661

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1000	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 843206
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3860883 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/16/25 01:44	
Arsenic	ug/L	ND	1.0	0.080	05/16/25 01:44	
Beryllium	ug/L	ND	0.20	0.026	05/16/25 01:44	
Cobalt	ug/L	ND	1.0	0.045	05/16/25 01:44	
Selenium	ug/L	ND	1.0	0.26	05/16/25 01:44	
Thallium	ug/L	ND	1.0	0.052	05/16/25 01:44	

LABORATORY CONTROL SAMPLE: 3860884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.9	102	80-120	
Arsenic	ug/L	40	40.3	101	80-120	
Beryllium	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	41.6	104	80-120	
Selenium	ug/L	40	39.0	97	80-120	
Thallium	ug/L	40	41.4	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860885 3860886

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	40.8	41.1	102	103	75-125	1	20	
Arsenic	ug/L	3.6	40	40	42.9	43.1	98	99	75-125	1	20	
Beryllium	ug/L	ND	40	40	40.5	40.6	101	101	75-125	0	20	
Cobalt	ug/L	ND	40	40	39.6	39.4	99	98	75-125	0	20	
Selenium	ug/L	ND	40	40	40.0	39.7	100	99	75-125	1	20	
Thallium	ug/L	ND	40	40	42.4	42.6	106	106	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 844929 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3868913 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/21/25 16:31	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/21/25 16:31	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/21/25 16:31	

LABORATORY CONTROL SAMPLE: 3868914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.3	99	90-110	

SAMPLE DUPLICATE: 3868915

Parameter	Units	50400935001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	230	229	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	230	229	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3868916

Parameter	Units	50400935002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	227	225	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	227	225	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 843051 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3860377 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/12/25 11:40	

LABORATORY CONTROL SAMPLE: 3860378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	284	95	80-120	

SAMPLE DUPLICATE: 3860379

Parameter	Units	50400921017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1000	962	4	10	

SAMPLE DUPLICATE: 3860380

Parameter	Units	50400935002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	698	650	7	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 843379
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

SAMPLE DUPLICATE: 3861619

Parameter	Units	50400931002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3861620

Parameter	Units	50400935002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.6	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 842747
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935003

METHOD BLANK: 3857980 Matrix: Water
Associated Lab Samples: 50400935003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/09/25 08:43	

LABORATORY CONTROL SAMPLE: 3857981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.99	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857982 3857983

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.82	0.82	81	82	90-110	0	20	M3

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857984 3857985

Parameter	Units	50400936005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.95	0.95	95	94	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 842749
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935004

METHOD BLANK: 3857991 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/09/25 09:40	

LABORATORY CONTROL SAMPLE: 3857992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.97	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857993 3857994

Parameter	Units	50400926010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	<0.013	1	1	0.56	0.57	56	57	90-110	2	20	M3

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857995 3857996

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.96	0.95	96	95	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3857997 3857998

Parameter	Units	50400911003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	13.8	5	5	18.0	17.9	83	82	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 843950
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

METHOD BLANK: 3864196 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/16/25 19:32	

LABORATORY CONTROL SAMPLE: 3864197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864198 3864199

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.4	12.5	94	95	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864202 3864203

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	11.6	11.3	102	99	80-120	2	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3S **Lab ID: 50400935001** Collected: 05/08/25 13:05 Received: 05/08/25 15:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.238 ± 0.467 (0.987) C:NA T:95%**	pCi/L	06/10/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.145 ± 0.448 (1.00) C:76% T:82%**	pCi/L	06/04/25 17:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.145 ± 0.915 (1.99)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3D **Lab ID: 50400935002** Collected: 05/08/25 10:26 Received: 05/08/25 15:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.458 ± 0.456 (0.730) C:NA T:93%**	pCi/L	06/10/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.813 ± 0.483 (0.900) C:76% T:85%**	pCi/L	06/04/25 17:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.27 ± 0.939 (1.63)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-6S **Lab ID: 50400935003** Collected: 05/08/25 10:30 Received: 05/08/25 15:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0455 ± 0.463 (0.886) C:NA T:93%**	pCi/L	06/10/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.223 ± 0.501 (1.11) C:69% T:74%**	pCi/L	06/04/25 17:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.269 ± 0.964 (2.00)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-6I **Lab ID: 50400935004** Collected: 05/08/25 13:00 Received: 05/08/25 15:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.764 ± 0.648 (1.01) C:NA T:97%**	pCi/L	06/10/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.878 ± 0.517 (0.966) C:71% T:89%**	pCi/L	06/04/25 17:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.64 ± 1.17 (1.98)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3D MS 1 **Lab ID: 50400935005** Collected: 05/08/25 10:26 Received: 05/08/25 15:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**71.75 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/10/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**82.11 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/04/25 20:10	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Sample: MW-3D MSD 1 **Lab ID: 50400935006** Collected: 05/08/25 10:26 Received: 05/08/25 15:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**89.44 %REC 21.94RPD ± NA (NA) C:NA T:NA**	pCi/L	06/10/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**81.59 %REC 0.64RPD ± NA (NA) C:NA T:NA**	pCi/L	06/04/25 20:05	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 745685 | Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 | Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004, 50400935005, 50400935006

METHOD BLANK: 3630804 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004, 50400935005, 50400935006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.101 ± 0.239 (0.443) C:NA T:96%	pCi/L	06/10/25 15:59	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

QC Batch: 745686 | Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 | Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004, 50400935005, 50400935006

METHOD BLANK: 3630807 Matrix: Water
Associated Lab Samples: 50400935001, 50400935002, 50400935003, 50400935004, 50400935005, 50400935006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.454 ± 0.363 (0.712) C:76% T:91%	pCi/L	06/04/25 17:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50400935001	**MW-3S**	EPA 9056	843222		
50400935002	**MW-3D**	EPA 9056	843222		
50400935003	**MW-6S**	EPA 9056	843222		
50400935004	**MW-6I**	EPA 9056	843222		
50400935001	**MW-3S**	EPA 3010	842711	EPA 6010	844283
50400935002	**MW-3D**	EPA 3010	842711	EPA 6010	844283
50400935003	**MW-6S**	EPA 3010	842711	EPA 6010	844283
50400935004	**MW-6I**	EPA 3010	842711	EPA 6010	844283
50400935001	**MW-3S**	EPA 3010	842717	EPA 6010	844050
50400935002	**MW-3D**	EPA 3010	842717	EPA 6010	844050
50400935003	**MW-6S**	EPA 3010	842717	EPA 6010	844050
50400935004	**MW-6I**	EPA 3010	842717	EPA 6010	844050
50400935001	**MW-3S**	EPA 200.2	843206	EPA 6020	843524
50400935002	**MW-3D**	EPA 200.2	843206	EPA 6020	843524
50400935003	**MW-6S**	EPA 200.2	843206	EPA 6020	843524
50400935004	**MW-6I**	EPA 200.2	843206	EPA 6020	843524
50400935001	**MW-3S**	EPA 7470	844402	EPA 7470	844918
50400935002	**MW-3D**	EPA 7470	844402	EPA 7470	844918
50400935003	**MW-6S**	EPA 7470	844402	EPA 7470	844918
50400935004	**MW-6I**	EPA 7470	844402	EPA 7470	844918
50400935001	**MW-3S**	EPA 903.1	745685		
50400935002	**MW-3D**	EPA 903.1	745685		
50400935003	**MW-6S**	EPA 903.1	745685		
50400935004	**MW-6I**	EPA 903.1	745685		
50400935005	**MW-3D MS 1**	EPA 903.1	745685		
50400935006	**MW-3D MSD 1**	EPA 903.1	745685		
50400935001	**MW-3S**	EPA 904.0	745686		
50400935002	**MW-3D**	EPA 904.0	745686		
50400935003	**MW-6S**	EPA 904.0	745686		
50400935004	**MW-6I**	EPA 904.0	745686		
50400935005	**MW-3D MS 1**	EPA 904.0	745686		
50400935006	**MW-3D MSD 1**	EPA 904.0	745686		
50400935001	**MW-3S**	Total Radium Calculation	751145		
50400935002	**MW-3D**	Total Radium Calculation	751145		
50400935003	**MW-6S**	Total Radium Calculation	751145		
50400935004	**MW-6I**	Total Radium Calculation	751145		
50400935001	**MW-3S**	SM 2320B	844929		
50400935002	**MW-3D**	SM 2320B	844929		
50400935003	**MW-6S**	SM 2320B	844929		
50400935004	**MW-6I**	SM 2320B	844929		
50400935001	**MW-3S**	SM 2540C	843051		
50400935002	**MW-3D**	SM 2540C	843051		
50400935003	**MW-6S**	SM 2540C	843051		
50400935004	**MW-6I**	SM 2540C	843051		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50400935

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50400935001	**MW-3S**	SM 4500-H+B	843379		
50400935002	**MW-3D**	SM 4500-H+B	843379		
50400935003	**MW-6S**	SM 4500-H+B	843379		
50400935004	**MW-6I**	SM 4500-H+B	843379		
50400935001	**MW-3S**	EPA 353.2	842749		
50400935002	**MW-3D**	EPA 353.2	842749		
50400935003	**MW-6S**	EPA 353.2	842747		
50400935004	**MW-6I**	EPA 353.2	842749		
50400935001	**MW-3S**	SM 5310C	843950		
50400935002	**MW-3D**	SM 5310C	843950		
50400935003	**MW-6S**	SM 5310C	843950		
50400935004	**MW-6I**	SM 5310C	843950		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50400935

50400935

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres: 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment	Preservation non-conformance identified for sample.
MW-3S	GW	G	5/8/25	1305			8											
MW-3D				1026														
MS ~~MSD~~ 1				1026														
MSD-1				1026														
MW-6S				1030														
MW-6D				1300														

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Mohammed Barzlawit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	E	-0.3	4.6	4.3	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
~~Aaron Day~~ ATLAS	5-8-25 / 15~~30~~	EM Pace	5/8/25 1530	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 6 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.31, 10Apr2025

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: EM 5/8/25 1747

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D (E) F G H I

2. Cooler Temperature(s): 4.6/4.3 (Initial/Corrected)

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap Bubble Bags None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes No

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?. Except TCs, which only require sample ID		✓

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	✓ N/A
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	✓ No VOA Vials Sent
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			✓

Comments:

label on last Sample pt is different then COC, MW-6D is MW-6I on Containec - EM 5/8/25

Sample ID for MW-6D updated to MW-6I per client email. 051125ag

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH (only)						AMBER GLASS							PLASTIC										OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
			SBS																													HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
			DI																															
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit									
1													1			2	1	2	1	1										WT	✓	✓		
2													3			6	3	6	3	3										↓	✓	✓		
3																																		
4																																		
5													1			2	1	2	1	1										WT	✓	✓		
6													↓			↓	↓	↓	↓	↓										↓	✓	✓		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Dear Mr. Breting:

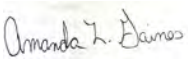
Enclosed are the analytical results for sample(s) received by the laboratory on May 09, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401143001	**MW-5S**	Water	05/09/25 14:00	05/09/25 16:54
50401143002	**MW-5D**	Water	05/09/25 10:28	05/09/25 16:54
50401143003	**DUP 1**	Water	05/09/25 10:28	05/09/25 16:54
50401143004	**MW-6D**	Water	05/09/25 14:30	05/09/25 16:54
50401143005	**MW-12D1**	Water	05/09/25 15:20	05/09/25 16:54

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401143001	**MW-5S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ABH	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401143002	**MW-5D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ABH	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401143003	**DUP 1**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ABH	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401143004	**MW-6D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ABH	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401143005	**MW-12D1**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ABH	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401143001	**MW-5S**					
EPA 9056	Chloride	393	mg/L	25.0	05/18/25 02:23	
EPA 9056	Fluoride	0.84	mg/L	0.10	05/18/25 01:48	
EPA 9056	Sulfate	698	mg/L	25.0	05/18/25 02:23	
EPA 6010	Barium	22.9	ug/L	10.0	05/19/25 20:11	
EPA 6010	Boron	1920	ug/L	100	05/19/25 20:11	
EPA 6010	Calcium	293000	ug/L	2000	05/19/25 21:23	
EPA 6010	Lithium	54.7	ug/L	20.0	05/19/25 20:11	
EPA 6010	Magnesium	66400	ug/L	1000	05/19/25 20:11	
EPA 6010	Manganese	30.8	ug/L	10.0	05/19/25 20:11	
EPA 6010	Molybdenum	27.1	ug/L	10.0	05/19/25 20:11	
EPA 6010	Potassium	11600	ug/L	1000	05/19/25 20:11	
EPA 6010	Sodium	287000	ug/L	2000	05/19/25 21:23	
EPA 6010	Molybdenum, Dissolved	27.3	ug/L	10.0	05/15/25 23:04	
EPA 6020	Arsenic	1.4	ug/L	1.0	05/16/25 07:19	
EPA 6020	Selenium	126	ug/L	1.0	05/16/25 07:19	
EPA 903.1	Radium-226	-0.0921 ± 0.556 (1.08) C:NA T:92%	pCi/L		06/10/25 16:24	
EPA 904.0	Radium-228	0.337 ± 0.548 (1.19) C:69% T:85%	pCi/L		06/04/25 20:06	
Total Radium Calculation	Total Radium	0.337 ± 1.10 (2.27)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	336	mg/L	10.0	05/22/25 13:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	336	mg/L	10.0	05/22/25 13:36	
SM 2540C	Total Dissolved Solids	1080	mg/L	10.0	05/13/25 10:14	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	05/13/25 14:36	H3
EPA 353.2	Nitrogen, Nitrate	0.22	mg/L	0.10	05/10/25 09:57	
SM 5310C	Dissolved Organic Carbon	3.4	mg/L	3.0	05/19/25 10:31	
50401143002	**MW-5D**					
EPA 9056	Chloride	340	mg/L	25.0	05/18/25 03:14	
EPA 9056	Fluoride	0.71	mg/L	0.10	05/18/25 02:40	
EPA 9056	Sulfate	547	mg/L	25.0	05/18/25 03:14	
EPA 6010	Barium	41.9	ug/L	10.0	05/19/25 20:13	
EPA 6010	Boron	3630	ug/L	100	05/19/25 20:13	
EPA 6010	Calcium	236000	ug/L	2000	05/19/25 21:25	
EPA 6010	Iron	4120	ug/L	100	05/19/25 20:13	
EPA 6010	Lithium	76.1	ug/L	20.0	05/19/25 20:13	
EPA 6010	Magnesium	67400	ug/L	1000	05/19/25 20:13	
EPA 6010	Manganese	385	ug/L	10.0	05/19/25 20:13	
EPA 6010	Molybdenum	151	ug/L	10.0	05/19/25 20:13	
EPA 6010	Potassium	10800	ug/L	1000	05/19/25 20:13	
EPA 6010	Sodium	262000	ug/L	2000	05/19/25 21:25	
EPA 6010	Molybdenum, Dissolved	141	ug/L	10.0	05/15/25 23:06	
EPA 6020	Arsenic	55.6	ug/L	1.0	05/16/25 07:27	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401143002	**MW-5D**					
EPA 903.1	Radium-226	0.442 ± 0.618 (1.05) C:NA T:96%	pCi/L		06/10/25 16:24	
EPA 904.0	Radium-228	0.212 ± 0.429 (0.948) C:78% T:82%	pCi/L		06/04/25 17:25	
Total Radium Calculation	Total Radium	0.654 ± 1.05 (2.00)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	346	mg/L	10.0	05/22/25 13:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	346	mg/L	10.0	05/22/25 13:36	
SM 2540C	Total Dissolved Solids	1770	mg/L	40.0	05/13/25 10:14	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/13/25 14:37	H3
SM 5310C	Dissolved Organic Carbon	2.3	mg/L	2.0	05/19/25 10:43	
50401143003	**DUP 1**					
EPA 9056	Chloride	340	mg/L	25.0	05/18/25 04:06	
EPA 9056	Fluoride	0.74	mg/L	0.10	05/18/25 03:31	
EPA 9056	Sulfate	547	mg/L	25.0	05/18/25 04:06	
EPA 6010	Barium	40.6	ug/L	10.0	05/19/25 20:20	
EPA 6010	Boron	3520	ug/L	100	05/19/25 20:20	
EPA 6010	Calcium	236000	ug/L	2000	05/19/25 21:28	
EPA 6010	Iron	4010	ug/L	100	05/19/25 20:20	
EPA 6010	Lithium	76.6	ug/L	20.0	05/19/25 20:20	
EPA 6010	Magnesium	65600	ug/L	1000	05/19/25 20:20	
EPA 6010	Manganese	375	ug/L	10.0	05/19/25 20:20	
EPA 6010	Molybdenum	148	ug/L	10.0	05/19/25 20:20	
EPA 6010	Potassium	10700	ug/L	1000	05/19/25 20:20	
EPA 6010	Sodium	259000	ug/L	2000	05/19/25 21:28	
EPA 6010	Molybdenum, Dissolved	143	ug/L	10.0	05/15/25 23:08	
EPA 6020	Arsenic	54.9	ug/L	1.0	05/16/25 07:39	
EPA 903.1	Radium-226	0.262 ± 0.593 (1.05) C:NA T:97%	pCi/L		06/10/25 16:24	
EPA 904.0	Radium-228	0.734 ± 0.603 (1.21) C:80% T:86%	pCi/L		06/04/25 17:26	
Total Radium Calculation	Total Radium	0.996 ± 1.20 (2.26)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	336	mg/L	10.0	05/22/25 13:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	336	mg/L	10.0	05/22/25 13:36	
SM 2540C	Total Dissolved Solids	1680	mg/L	40.0	05/13/25 10:14	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/13/25 14:38	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	2.0	05/19/25 10:59	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401143004	**MW-6D**					
EPA 9056	Chloride	214	mg/L	25.0	05/18/25 05:31	
EPA 9056	Fluoride	0.14	mg/L	0.10	05/18/25 04:57	
EPA 9056	Sulfate	769	mg/L	25.0	05/18/25 05:31	
EPA 6010	Barium	35.1	ug/L	10.0	05/19/25 20:22	
EPA 6010	Boron	11200	ug/L	100	05/19/25 20:22	
EPA 6010	Calcium	275000	ug/L	2000	05/19/25 21:30	
EPA 6010	Iron	6560	ug/L	100	05/19/25 20:22	
EPA 6010	Lithium	49.4	ug/L	20.0	05/19/25 20:22	
EPA 6010	Magnesium	57400	ug/L	1000	05/19/25 20:22	
EPA 6010	Manganese	626	ug/L	10.0	05/19/25 20:22	
EPA 6010	Molybdenum	310	ug/L	10.0	05/19/25 20:22	
EPA 6010	Potassium	9140	ug/L	1000	05/19/25 20:22	
EPA 6010	Sodium	184000	ug/L	1000	05/19/25 20:22	
EPA 6010	Molybdenum, Dissolved	284	ug/L	10.0	05/15/25 23:10	
EPA 903.1	Radium-226	0.737 ± 0.767 (1.24) C:NA T:91%	pCi/L		06/10/25 16:24	
EPA 904.0	Radium-228	1.01 ± 0.596 (1.10) C:77% T:85%	pCi/L		06/04/25 17:26	
Total Radium Calculation	Total Radium	1.75 ± 1.36 (2.34)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	200	mg/L	10.0	05/22/25 13:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	200	mg/L	10.0	05/22/25 13:36	
SM 2540C	Total Dissolved Solids	1690	mg/L	40.0	05/13/25 10:14	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/13/25 14:39	H3
EPA 353.2	Nitrogen, Nitrate	0.16	mg/L	0.10	05/10/25 09:59	
50401143005	**MW-12D1**					
EPA 9056	Chloride	362	mg/L	25.0	05/18/25 06:23	
EPA 9056	Fluoride	1.2	mg/L	0.10	05/18/25 05:49	
EPA 9056	Sulfate	638	mg/L	25.0	05/18/25 06:23	
EPA 6010	Barium	76.2	ug/L	10.0	05/19/25 20:24	
EPA 6010	Boron	3140	ug/L	100	05/19/25 20:24	
EPA 6010	Calcium	210000	ug/L	2000	05/19/25 21:32	
EPA 6010	Iron	4120	ug/L	100	05/19/25 20:24	
EPA 6010	Lithium	83.2	ug/L	20.0	05/19/25 20:24	
EPA 6010	Magnesium	60100	ug/L	1000	05/19/25 20:24	
EPA 6010	Manganese	345	ug/L	10.0	05/19/25 20:24	
EPA 6010	Molybdenum	117	ug/L	10.0	05/19/25 20:24	
EPA 6010	Potassium	12000	ug/L	1000	05/19/25 20:24	
EPA 6010	Sodium	299000	ug/L	2000	05/19/25 21:32	
EPA 6010	Molybdenum, Dissolved	101	ug/L	10.0	05/15/25 23:12	
EPA 6020	Arsenic	237	ug/L	2.0	05/16/25 07:47	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401143005	**MW-12D1**					
EPA 903.1	Radium-226	0.132 ± 0.552 (1.01) C:NA T:92%	pCi/L		06/10/25 16:24	
EPA 904.0	Radium-228	0.244 ± 0.597 (1.33) C:74% T:86%	pCi/L		06/04/25 17:26	
Total Radium Calculation	Total Radium	0.376 ± 1.15 (2.34)	pCi/L		06/10/25 18:45	
SM 2320B	Alkalinity, Total as CaCO3	331	mg/L	10.0	05/22/25 13:36	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	331	mg/L	10.0	05/22/25 13:36	
SM 2540C	Total Dissolved Solids	1690	mg/L	40.0	05/13/25 10:15	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/13/25 14:40	H3
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	2.0	05/19/25 11:51	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-5S **Lab ID: 50401143001** Collected: 05/09/25 14:00 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**393**	mg/L	25.0	13.0	100		05/18/25 02:23	16887-00-6	
Fluoride	**0.84**	mg/L	0.10	0.016	1		05/18/25 01:48	16984-48-8	
Sulfate	**698**	mg/L	25.0	19.0	100		05/18/25 02:23	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**22.9**	ug/L	10.0	0.68	1	05/18/25 15:31	05/19/25 20:11	7440-39-3	
Boron	**1920**	ug/L	100	5.6	1	05/18/25 15:31	05/19/25 20:11	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:31	05/19/25 20:11	7440-43-9	
Calcium	**293000**	ug/L	2000	168	2	05/18/25 15:31	05/19/25 21:23	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:31	05/19/25 20:11	7440-47-3	
Iron	ND	ug/L	100	41.0	1	05/18/25 15:31	05/19/25 20:11	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:31	05/19/25 20:11	7439-92-1	
Lithium	**54.7**	ug/L	20.0	3.8	1	05/18/25 15:31	05/19/25 20:11	7439-93-2	
Magnesium	**66400**	ug/L	1000	53.7	1	05/18/25 15:31	05/19/25 20:11	7439-95-4	
Manganese	**30.8**	ug/L	10.0	0.77	1	05/18/25 15:31	05/19/25 20:11	7439-96-5	
Molybdenum	**27.1**	ug/L	10.0	1.4	1	05/18/25 15:31	05/19/25 20:11	7439-98-7	
Potassium	**11600**	ug/L	1000	113	1	05/18/25 15:31	05/19/25 20:11	7440-09-7	
Sodium	**287000**	ug/L	2000	190	2	05/18/25 15:31	05/19/25 21:23	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**27.3**	ug/L	10.0	1.4	1	05/14/25 08:43	05/15/25 23:04	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 07:19	7440-36-0	
Arsenic	**1.4**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 07:19	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 07:19	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 07:19	7440-48-4	
Selenium	**126**	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 07:19	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 07:19	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 19:43	05/23/25 12:06	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**336**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Bicarbonate (CaCO3)	**336**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 13:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-5S **Lab ID: 50401143001** Collected: 05/09/25 14:00 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1080**	mg/L	10.0	10.0	1		05/13/25 10:14		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		05/13/25 14:36		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.22**	mg/L	0.10	0.013	1		05/10/25 09:57	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.4**	mg/L	3.0	0.90	3		05/19/25 10:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-5D **Lab ID: 50401143002** Collected: 05/09/25 10:28 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**340**	mg/L	25.0	13.0	100		05/18/25 03:14	16887-00-6	
Fluoride	**0.71**	mg/L	0.10	0.016	1		05/18/25 02:40	16984-48-8	
Sulfate	**547**	mg/L	25.0	19.0	100		05/18/25 03:14	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**41.9**	ug/L	10.0	0.68	1	05/18/25 15:31	05/19/25 20:13	7440-39-3	
Boron	**3630**	ug/L	100	5.6	1	05/18/25 15:31	05/19/25 20:13	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:31	05/19/25 20:13	7440-43-9	
Calcium	**236000**	ug/L	2000	168	2	05/18/25 15:31	05/19/25 21:25	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:31	05/19/25 20:13	7440-47-3	
Iron	**4120**	ug/L	100	41.0	1	05/18/25 15:31	05/19/25 20:13	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:31	05/19/25 20:13	7439-92-1	
Lithium	**76.1**	ug/L	20.0	3.8	1	05/18/25 15:31	05/19/25 20:13	7439-93-2	
Magnesium	**67400**	ug/L	1000	53.7	1	05/18/25 15:31	05/19/25 20:13	7439-95-4	
Manganese	**385**	ug/L	10.0	0.77	1	05/18/25 15:31	05/19/25 20:13	7439-96-5	
Molybdenum	**151**	ug/L	10.0	1.4	1	05/18/25 15:31	05/19/25 20:13	7439-98-7	
Potassium	**10800**	ug/L	1000	113	1	05/18/25 15:31	05/19/25 20:13	7440-09-7	
Sodium	**262000**	ug/L	2000	190	2	05/18/25 15:31	05/19/25 21:25	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**141**	ug/L	10.0	1.4	1	05/14/25 08:43	05/15/25 23:06	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 07:27	7440-36-0	
Arsenic	**55.6**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 07:27	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 07:27	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 07:27	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 07:27	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 07:27	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 19:43	05/23/25 12:08	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**346**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Bicarbonate (CaCO3)	**346**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 13:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-5D **Lab ID: 50401143002** Collected: 05/09/25 10:28 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1770**	mg/L	40.0	40.0	1		05/13/25 10:14		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/13/25 14:37		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/10/25 10:10	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.3**	mg/L	2.0	0.60	2		05/19/25 10:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: DUP 1 **Lab ID: 50401143003** Collected: 05/09/25 10:28 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**340**	mg/L	25.0	13.0	100		05/18/25 04:06	16887-00-6	
Fluoride	**0.74**	mg/L	0.10	0.016	1		05/18/25 03:31	16984-48-8	
Sulfate	**547**	mg/L	25.0	19.0	100		05/18/25 04:06	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**40.6**	ug/L	10.0	0.68	1	05/18/25 15:31	05/19/25 20:20	7440-39-3	
Boron	**3520**	ug/L	100	5.6	1	05/18/25 15:31	05/19/25 20:20	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:31	05/19/25 20:20	7440-43-9	
Calcium	**236000**	ug/L	2000	168	2	05/18/25 15:31	05/19/25 21:28	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:31	05/19/25 20:20	7440-47-3	
Iron	**4010**	ug/L	100	41.0	1	05/18/25 15:31	05/19/25 20:20	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:31	05/19/25 20:20	7439-92-1	
Lithium	**76.6**	ug/L	20.0	3.8	1	05/18/25 15:31	05/19/25 20:20	7439-93-2	
Magnesium	**65600**	ug/L	1000	53.7	1	05/18/25 15:31	05/19/25 20:20	7439-95-4	
Manganese	**375**	ug/L	10.0	0.77	1	05/18/25 15:31	05/19/25 20:20	7439-96-5	
Molybdenum	**148**	ug/L	10.0	1.4	1	05/18/25 15:31	05/19/25 20:20	7439-98-7	
Potassium	**10700**	ug/L	1000	113	1	05/18/25 15:31	05/19/25 20:20	7440-09-7	
Sodium	**259000**	ug/L	2000	190	2	05/18/25 15:31	05/19/25 21:28	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**143**	ug/L	10.0	1.4	1	05/14/25 08:43	05/15/25 23:08	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 07:39	7440-36-0	
Arsenic	**54.9**	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 07:39	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 07:39	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 07:39	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 07:39	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 07:39	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 19:43	05/23/25 12:11	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**336**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Bicarbonate (CaCO3)	**336**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 13:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: DUP 1 **Lab ID: 50401143003** Collected: 05/09/25 10:28 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1680**	mg/L	40.0	40.0	1		05/13/25 10:14		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/13/25 14:38		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/10/25 09:55	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	2.0	0.60	2		05/19/25 10:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-6D **Lab ID: 50401143004** Collected: 05/09/25 14:30 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**214**	mg/L	25.0	13.0	100		05/18/25 05:31	16887-00-6	
Fluoride	**0.14**	mg/L	0.10	0.016	1		05/18/25 04:57	16984-48-8	
Sulfate	**769**	mg/L	25.0	19.0	100		05/18/25 05:31	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**35.1**	ug/L	10.0	0.68	1	05/18/25 15:31	05/19/25 20:22	7440-39-3	
Boron	**11200**	ug/L	100	5.6	1	05/18/25 15:31	05/19/25 20:22	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:31	05/19/25 20:22	7440-43-9	
Calcium	**275000**	ug/L	2000	168	2	05/18/25 15:31	05/19/25 21:30	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:31	05/19/25 20:22	7440-47-3	
Iron	**6560**	ug/L	100	41.0	1	05/18/25 15:31	05/19/25 20:22	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:31	05/19/25 20:22	7439-92-1	
Lithium	**49.4**	ug/L	20.0	3.8	1	05/18/25 15:31	05/19/25 20:22	7439-93-2	
Magnesium	**57400**	ug/L	1000	53.7	1	05/18/25 15:31	05/19/25 20:22	7439-95-4	
Manganese	**626**	ug/L	10.0	0.77	1	05/18/25 15:31	05/19/25 20:22	7439-96-5	
Molybdenum	**310**	ug/L	10.0	1.4	1	05/18/25 15:31	05/19/25 20:22	7439-98-7	
Potassium	**9140**	ug/L	1000	113	1	05/18/25 15:31	05/19/25 20:22	7440-09-7	
Sodium	**184000**	ug/L	1000	95.0	1	05/18/25 15:31	05/19/25 20:22	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**284**	ug/L	10.0	1.4	1	05/14/25 08:43	05/15/25 23:10	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 07:43	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/13/25 15:21	05/16/25 07:43	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 07:43	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 07:43	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 07:43	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 07:43	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 19:43	05/23/25 12:13	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**200**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Bicarbonate (CaCO3)	**200**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 13:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-6D **Lab ID: 50401143004** Collected: 05/09/25 14:30 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1690**	mg/L	40.0	40.0	1		05/13/25 10:14		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/13/25 14:39		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.16**	mg/L	0.10	0.013	1		05/10/25 09:59	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/19/25 11:11		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-12D1 **Lab ID: 50401143005** Collected: 05/09/25 15:20 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**362**	mg/L	25.0	13.0	100		05/18/25 06:23	16887-00-6	
Fluoride	**1.2**	mg/L	0.10	0.016	1		05/18/25 05:49	16984-48-8	
Sulfate	**638**	mg/L	25.0	19.0	100		05/18/25 06:23	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**76.2**	ug/L	10.0	0.68	1	05/18/25 15:31	05/19/25 20:24	7440-39-3	
Boron	**3140**	ug/L	100	5.6	1	05/18/25 15:31	05/19/25 20:24	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:31	05/19/25 20:24	7440-43-9	
Calcium	**210000**	ug/L	2000	168	2	05/18/25 15:31	05/19/25 21:32	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:31	05/19/25 20:24	7440-47-3	
Iron	**4120**	ug/L	100	41.0	1	05/18/25 15:31	05/19/25 20:24	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:31	05/19/25 20:24	7439-92-1	
Lithium	**83.2**	ug/L	20.0	3.8	1	05/18/25 15:31	05/19/25 20:24	7439-93-2	
Magnesium	**60100**	ug/L	1000	53.7	1	05/18/25 15:31	05/19/25 20:24	7439-95-4	
Manganese	**345**	ug/L	10.0	0.77	1	05/18/25 15:31	05/19/25 20:24	7439-96-5	
Molybdenum	**117**	ug/L	10.0	1.4	1	05/18/25 15:31	05/19/25 20:24	7439-98-7	
Potassium	**12000**	ug/L	1000	113	1	05/18/25 15:31	05/19/25 20:24	7440-09-7	
Sodium	**299000**	ug/L	2000	190	2	05/18/25 15:31	05/19/25 21:32	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**101**	ug/L	10.0	1.4	1	05/14/25 08:43	05/15/25 23:12	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/13/25 15:21	05/16/25 07:51	7440-36-0	
Arsenic	**237**	ug/L	2.0	0.16	2	05/13/25 15:21	05/16/25 07:47	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/13/25 15:21	05/16/25 07:51	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/13/25 15:21	05/16/25 07:51	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/13/25 15:21	05/16/25 07:51	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/13/25 15:21	05/16/25 07:51	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 19:43	05/23/25 12:15	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**331**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Bicarbonate (CaCO3)	**331**	mg/L	10.0	10.0	1		05/22/25 13:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 13:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-12D1 **Lab ID: 50401143005** Collected: 05/09/25 15:20 Received: 05/09/25 16:54 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1690**	mg/L	40.0	40.0	1		05/13/25 10:15		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/13/25 14:40		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/10/25 10:00	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	2.0	0.60	2		05/19/25 11:51		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 843223 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3860926 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/17/25 12:57	
Fluoride	mg/L	ND	0.10	0.016	05/17/25 12:57	
Sulfate	mg/L	ND	0.25	0.19	05/17/25 12:57	

LABORATORY CONTROL SAMPLE: 3860927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	96	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	4.9	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860928 3860929

Parameter	Units	50401128005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.7	2.5	2.5	5.0	5.1	93	93	80-120	0	15	
Fluoride	mg/L	0.12	1	1	1.1	1.1	99	100	80-120	0	15	
Sulfate	mg/L	21.6	5	5	26.4	26.4	96	96	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 844776
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3868215 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/23/25 11:53	

LABORATORY CONTROL SAMPLE: 3868216

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868217 3868218

Parameter	Units	50401177003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	4.7	97	94	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 843617
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3862663 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/19/25 20:05	
Boron	ug/L	ND	100	5.6	05/19/25 20:05	
Cadmium	ug/L	ND	2.0	0.46	05/19/25 20:05	
Calcium	ug/L	ND	1000	83.9	05/19/25 20:05	
Chromium	ug/L	ND	10.0	0.96	05/19/25 20:05	
Iron	ug/L	ND	100	41.0	05/19/25 20:05	
Lead	ug/L	ND	10.0	2.0	05/19/25 20:05	
Lithium	ug/L	ND	20.0	3.8	05/19/25 20:05	
Magnesium	ug/L	ND	1000	53.7	05/19/25 20:05	
Manganese	ug/L	ND	10.0	0.77	05/19/25 20:05	
Molybdenum	ug/L	ND	10.0	1.4	05/19/25 20:05	
Potassium	ug/L	ND	1000	113	05/19/25 20:05	
Sodium	ug/L	ND	1000	95.0	05/19/25 20:05	

LABORATORY CONTROL SAMPLE: 3862664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1040	104	80-120	
Boron	ug/L	1000	1040	104	80-120	
Cadmium	ug/L	1000	1010	101	80-120	
Calcium	ug/L	10000	10800	108	80-120	
Chromium	ug/L	1000	1040	104	80-120	
Iron	ug/L	10000	10700	107	80-120	
Lead	ug/L	1000	989	99	80-120	
Lithium	ug/L	1000	1020	102	80-120	
Magnesium	ug/L	10000	10800	108	80-120	
Manganese	ug/L	1000	1040	104	80-120	
Molybdenum	ug/L	1000	1080	108	80-120	
Potassium	ug/L	10000	10300	103	80-120	
Sodium	ug/L	10000	10400	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862665 3862666

Parameter	Units	50401200001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	38.2	1000	1000	1050	1050	101	101	75-125	0	20	
Boron	ug/L	ND	1000	1000	1040	1030	102	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862665 3862666

Parameter	Units	50401200001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	975	971	97	97	75-125	0	20	
Calcium	ug/L	55900	10000	10000	66500	66700	106	108	75-125	0	20	
Chromium	ug/L	ND	1000	1000	1000	998	100	99	75-125	1	20	
Iron	ug/L	2840	10000	10000	13400	13300	106	105	75-125	1	20	
Lead	ug/L	ND	1000	1000	949	951	94	94	75-125	0	20	
Lithium	ug/L	ND	1000	1000	984	987	98	98	75-125	0	20	
Magnesium	ug/L	13100	10000	10000	23500	23300	104	103	75-125	1	20	
Manganese	ug/L	115	1000	1000	1120	1110	101	100	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1060	1050	105	105	75-125	0	20	
Potassium	ug/L	2840	10000	10000	12900	13000	101	102	75-125	1	20	
Sodium	ug/L	1830	10000	10000	11900	11900	101	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 842973
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3859845 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/15/25 22:12	

LABORATORY CONTROL SAMPLE: 3859846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	975	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3859847 3859848

Parameter	Units	50400946001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	996	920	99	92	75-125	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 843206
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3860883 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/16/25 01:44	
Arsenic	ug/L	ND	1.0	0.080	05/16/25 01:44	
Beryllium	ug/L	ND	0.20	0.026	05/16/25 01:44	
Cobalt	ug/L	ND	1.0	0.045	05/16/25 01:44	
Selenium	ug/L	ND	1.0	0.26	05/16/25 01:44	
Thallium	ug/L	ND	1.0	0.052	05/16/25 01:44	

LABORATORY CONTROL SAMPLE: 3860884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.9	102	80-120	
Arsenic	ug/L	40	40.3	101	80-120	
Beryllium	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	41.6	104	80-120	
Selenium	ug/L	40	39.0	97	80-120	
Thallium	ug/L	40	41.4	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3860885 3860886

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	40.8	41.1	102	103	75-125	1	20	
Arsenic	ug/L	3.6	40	40	42.9	43.1	98	99	75-125	1	20	
Beryllium	ug/L	ND	40	40	40.5	40.6	101	101	75-125	0	20	
Cobalt	ug/L	ND	40	40	39.6	39.4	99	98	75-125	0	20	
Selenium	ug/L	ND	40	40	40.0	39.7	100	99	75-125	1	20	
Thallium	ug/L	ND	40	40	42.4	42.6	106	106	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 845160 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3870187 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/22/25 13:36	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/22/25 13:36	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/22/25 13:36	

LABORATORY CONTROL SAMPLE: 3870188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	90-110	

SAMPLE DUPLICATE: 3870189

Parameter	Units	50401154001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	319	320	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	289	320	10	20	
Alkalinity,Carbonate (CaCO3)	mg/L	30.4	ND		20	

SAMPLE DUPLICATE: 3870190

Parameter	Units	50401154002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	330	326	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	330	326	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 843257 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3861189 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/13/25 10:07	

LABORATORY CONTROL SAMPLE: 3861190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	291	97	80-120	

SAMPLE DUPLICATE: 3861191

Parameter	Units	50401125003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1400	1360	3	10	

SAMPLE DUPLICATE: 3861192

Parameter	Units	50401125004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1050	1040	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 843379
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

SAMPLE DUPLICATE: 3861619

Parameter	Units	50400931002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3861620

Parameter	Units	50400935002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.6	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 842923 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3859417 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/10/25 10:02	

LABORATORY CONTROL SAMPLE: 3859418

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3859419 3859420

Parameter	Units	50401143002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.1	104	107	90-110	3	20	

MATRIX SPIKE SAMPLE: 3859853

Parameter	Units	50401154002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.0	102	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 843950 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3864196 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/16/25 19:32	

LABORATORY CONTROL SAMPLE: 3864197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864198 3864199

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.4	12.5	94	95	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864202 3864203

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	11.6	11.3	102	99	80-120	2	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-5S **Lab ID: 50401143001** Collected: 05/09/25 14:00 Received: 05/09/25 16:54 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0921 ± 0.556 (1.08) C:NA T:92%**	pCi/L	06/10/25 16:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.337 ± 0.548 (1.19) C:69% T:85%**	pCi/L	06/04/25 20:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.337 ± 1.10 (2.27)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-5D **Lab ID: 50401143002** Collected: 05/09/25 10:28 Received: 05/09/25 16:54 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.442 ± 0.618 (1.05) C:NA T:96%**	pCi/L	06/10/25 16:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.212 ± 0.429 (0.948) C:78% T:82%**	pCi/L	06/04/25 17:25	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.654 ± 1.05 (2.00)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: DUP 1 **Lab ID: 50401143003** Collected: 05/09/25 10:28 Received: 05/09/25 16:54 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.262 ± 0.593 (1.05) C:NA T:97%**	pCi/L	06/10/25 16:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.734 ± 0.603 (1.21) C:80% T:86%**	pCi/L	06/04/25 17:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.996 ± 1.20 (2.26)**	pCi/L	06/10/25 18:45	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-6D **Lab ID: 50401143004** Collected: 05/09/25 14:30 Received: 05/09/25 16:54 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.737 ± 0.767 (1.24) C:NA T:91%**	pCi/L	06/10/25 16:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.01 ± 0.596 (1.10) C:77% T:85%**	pCi/L	06/04/25 17:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.75 ± 1.36 (2.34)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Sample: MW-12D1 **Lab ID: 50401143005** Collected: 05/09/25 15:20 Received: 05/09/25 16:54 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.132 ± 0.552 (1.01) C:NA T:92%**	pCi/L	06/10/25 16:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.244 ± 0.597 (1.33) C:74% T:86%**	pCi/L	06/04/25 17:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.376 ± 1.15 (2.34)**	pCi/L	06/10/25 18:45	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 745685 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3630804 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.101 ± 0.239 (0.443) C:NA T:96%	pCi/L	06/10/25 15:59	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

QC Batch: 745686 | Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 | Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

METHOD BLANK: 3630807 Matrix: Water
Associated Lab Samples: 50401143001, 50401143002, 50401143003, 50401143004, 50401143005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.454 ± 0.363 (0.712) C:76% T:91%	pCi/L	06/04/25 17:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401143001	**MW-5S**	EPA 9056	843223		
50401143002	**MW-5D**	EPA 9056	843223		
50401143003	**DUP 1**	EPA 9056	843223		
50401143004	**MW-6D**	EPA 9056	843223		
50401143005	**MW-12D1**	EPA 9056	843223		
50401143001	**MW-5S**	EPA 3010	843617	EPA 6010	844601
50401143002	**MW-5D**	EPA 3010	843617	EPA 6010	844601
50401143003	**DUP 1**	EPA 3010	843617	EPA 6010	844601
50401143004	**MW-6D**	EPA 3010	843617	EPA 6010	844601
50401143005	**MW-12D1**	EPA 3010	843617	EPA 6010	844601
50401143001	**MW-5S**	EPA 3010	842973	EPA 6010	844041
50401143002	**MW-5D**	EPA 3010	842973	EPA 6010	844041
50401143003	**DUP 1**	EPA 3010	842973	EPA 6010	844041
50401143004	**MW-6D**	EPA 3010	842973	EPA 6010	844041
50401143005	**MW-12D1**	EPA 3010	842973	EPA 6010	844041
50401143001	**MW-5S**	EPA 200.2	843206	EPA 6020	843524
50401143002	**MW-5D**	EPA 200.2	843206	EPA 6020	843524
50401143003	**DUP 1**	EPA 200.2	843206	EPA 6020	843524
50401143004	**MW-6D**	EPA 200.2	843206	EPA 6020	843524
50401143005	**MW-12D1**	EPA 200.2	843206	EPA 6020	843524
50401143001	**MW-5S**	EPA 7470	844776	EPA 7470	845513
50401143002	**MW-5D**	EPA 7470	844776	EPA 7470	845513
50401143003	**DUP 1**	EPA 7470	844776	EPA 7470	845513
50401143004	**MW-6D**	EPA 7470	844776	EPA 7470	845513
50401143005	**MW-12D1**	EPA 7470	844776	EPA 7470	845513
50401143001	**MW-5S**	EPA 903.1	745685		
50401143002	**MW-5D**	EPA 903.1	745685		
50401143003	**DUP 1**	EPA 903.1	745685		
50401143004	**MW-6D**	EPA 903.1	745685		
50401143005	**MW-12D1**	EPA 903.1	745685		
50401143001	**MW-5S**	EPA 904.0	745686		
50401143002	**MW-5D**	EPA 904.0	745686		
50401143003	**DUP 1**	EPA 904.0	745686		
50401143004	**MW-6D**	EPA 904.0	745686		
50401143005	**MW-12D1**	EPA 904.0	745686		
50401143001	**MW-5S**	Total Radium Calculation	751145		
50401143002	**MW-5D**	Total Radium Calculation	751145		
50401143003	**DUP 1**	Total Radium Calculation	751145		
50401143004	**MW-6D**	Total Radium Calculation	751145		
50401143005	**MW-12D1**	Total Radium Calculation	751145		
50401143001	**MW-5S**	SM 2320B	845160		
50401143002	**MW-5D**	SM 2320B	845160		
50401143003	**DUP 1**	SM 2320B	845160		
50401143004	**MW-6D**	SM 2320B	845160		
50401143005	**MW-12D1**	SM 2320B	845160		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401143

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401143001	**MW-5S**	SM 2540C	843257		
50401143002	**MW-5D**	SM 2540C	843257		
50401143003	**DUP 1**	SM 2540C	843257		
50401143004	**MW-6D**	SM 2540C	843257		
50401143005	**MW-12D1**	SM 2540C	843257		
50401143001	**MW-5S**	SM 4500-H+B	843379		
50401143002	**MW-5D**	SM 4500-H+B	843379		
50401143003	**DUP 1**	SM 4500-H+B	843379		
50401143004	**MW-6D**	SM 4500-H+B	843379		
50401143005	**MW-12D1**	SM 4500-H+B	843379		
50401143001	**MW-5S**	EPA 353.2	842923		
50401143002	**MW-5D**	EPA 353.2	842923		
50401143003	**DUP 1**	EPA 353.2	842923		
50401143004	**MW-6D**	EPA 353.2	842923		
50401143005	**MW-12D1**	EPA 353.2	842923		
50401143001	**MW-5S**	SM 5310C	843950		
50401143002	**MW-5D**	SM 5310C	843950		
50401143003	**DUP 1**	SM 5310C	843950		
50401143004	**MW-6D**	SM 5310C	843950		
50401143005	**MW-12D1**	SM 5310C	843950		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50401143

50401143

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other		Regulatory Program (DW, RCRA, etc.) as applicable:	Reportable [ ] Yes [ ] No
		Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable:
		Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No
			Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-5S	GW	Grab	5-9-25	1400			8			✓	✓	✓	✓	✓	✓	✓	
MW-5D	↓	↓	↓	1028			↓										
DUP-1				1028													
MW-6D				1430													
MW-12D1				1520													

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**

AcctNum / Client ID:

Table #:

Profile / Template: **10498/73**

Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day / Amanda Sullivan
Signature: Aaron Day / Amanda Sullivan

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	D	-0.1	2.2	2.2	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Aaron Day / ATLAS	5-9-25 / 1654	(PACE)	5/9/25 1654	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: LR 5/9/25 1745

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C (D) E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 2.2/2.1 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap Bubble Bags (None) Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? Analysis: NO_2/NO_3	X	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		X
Custody Signatures Present?	X	
Containers Intact?	X	
Sample Label (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	X	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: (HNO3 (<2)) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	X		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
	Present	Absent	No VOA Vials Sent
Headspace in VOA Vials (>6mm): See Containter Count form for details			X
Trip Blank Present?		X	
Trip Blank Custody Seals?:			X
Extra labels on Terracore Vials? (soils only)			X

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit					HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1																2	1	2	1	1										W				
2																																		
3																																		
4																																		
5																														W				
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl. Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Dear Mr. Breting:

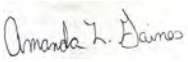
Enclosed are the analytical results for sample(s) received by the laboratory on May 12, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401308001	**MW-108D**	Water	05/12/25 10:47	05/12/25 15:15
50401308002	**PZ-101S**	Water	05/12/25 10:55	05/12/25 15:15
50401308003	**MW-108S**	Water	05/12/25 11:50	05/12/25 15:15
50401308004	**PZ-101D**	Water	05/12/25 13:45	05/12/25 15:15

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401308001	**MW-108D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401308002	**PZ-101S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401308003	**MW-108S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401308004	**PZ-101D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401308001	**MW-108D**					
EPA 9056	Chloride	239	mg/L	2.5	05/17/25 21:42	
EPA 9056	Fluoride	0.50	mg/L	0.10	05/17/25 21:25	
EPA 9056	Sulfate	668	mg/L	25.0	05/18/25 09:09	
EPA 6010	Barium	43.9	ug/L	10.0	05/20/25 00:14	
EPA 6010	Boron	6220	ug/L	100	05/20/25 00:14	
EPA 6010	Calcium	264000	ug/L	2000	05/20/25 00:59	
EPA 6010	Iron	6950	ug/L	100	05/20/25 00:14	
EPA 6010	Lithium	70.2	ug/L	20.0	05/20/25 00:14	
EPA 6010	Magnesium	74500	ug/L	1000	05/20/25 00:14	
EPA 6010	Manganese	498	ug/L	10.0	05/20/25 00:14	
EPA 6010	Molybdenum	120	ug/L	10.0	05/20/25 00:14	
EPA 6010	Potassium	10100	ug/L	1000	05/20/25 00:14	
EPA 6010	Sodium	144000	ug/L	1000	05/20/25 00:14	
EPA 6010	Molybdenum, Dissolved	117	ug/L	10.0	05/20/25 01:59	
EPA 903.1	Radium-226	0.578 ± 0.492 (0.691) C:NA T:80%	pCi/L		06/10/25 17:17	
EPA 904.0	Radium-228	1.01 ± 0.447 (0.723) C:80% T:77%	pCi/L		06/10/25 11:06	
Total Radium Calculation	Total Radium	1.59 ± 0.939 (1.41)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	285	mg/L	10.0	05/22/25 19:35	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	285	mg/L	10.0	05/22/25 19:35	
SM 2540C	Total Dissolved Solids	1630	mg/L	20.0	05/14/25 08:17	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	05/14/25 13:27	H3
50401308002	**PZ-101S**					
EPA 9056	Chloride	236	mg/L	25.0	05/18/25 09:26	
EPA 9056	Fluoride	0.25	mg/L	0.10	05/17/25 21:59	
EPA 9056	Sulfate	701	mg/L	25.0	05/18/25 09:26	
EPA 6010	Barium	71.8	ug/L	10.0	05/20/25 00:16	
EPA 6010	Boron	2300	ug/L	100	05/20/25 00:16	
EPA 6010	Calcium	285000	ug/L	2000	05/20/25 01:01	
EPA 6010	Iron	9800	ug/L	100	05/20/25 00:16	
EPA 6010	Lithium	57.4	ug/L	20.0	05/20/25 00:16	
EPA 6010	Magnesium	81700	ug/L	1000	05/20/25 00:16	
EPA 6010	Manganese	581	ug/L	10.0	05/20/25 00:16	
EPA 6010	Molybdenum	43.4	ug/L	10.0	05/20/25 00:16	
EPA 6010	Potassium	11100	ug/L	1000	05/20/25 00:16	
EPA 6010	Sodium	194000	ug/L	1000	05/20/25 00:16	
EPA 6010	Molybdenum, Dissolved	41.3	ug/L	10.0	05/20/25 02:06	
EPA 6020	Arsenic	9.7	ug/L	1.0	05/17/25 12:34	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401308002	**PZ-101S**					
EPA 903.1	Radium-226	0.200 ± 0.752 (1.38) C:NA T:81%	pCi/L		06/10/25 17:17	
EPA 904.0	Radium-228	0.982 ± 0.404 (0.617) C:82% T:83%	pCi/L		06/10/25 11:06	
Total Radium Calculation	Total Radium	1.18 ± 1.16 (2.00)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	425	mg/L	10.0	05/22/25 19:35	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	425	mg/L	10.0	05/22/25 19:35	
SM 2540C	Total Dissolved Solids	1810	mg/L	40.0	05/14/25 08:17	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	05/14/25 13:28	H3
50401308003	**MW-108S**					
EPA 9056	Chloride	189	mg/L	2.5	05/17/25 22:49	
EPA 9056	Fluoride	0.59	mg/L	0.10	05/17/25 22:32	
EPA 9056	Sulfate	952	mg/L	25.0	05/18/25 09:42	
EPA 6010	Barium	34.1	ug/L	10.0	05/20/25 00:18	
EPA 6010	Boron	2840	ug/L	100	05/20/25 00:18	
EPA 6010	Calcium	322000	ug/L	2000	05/20/25 01:03	
EPA 6010	Iron	5100	ug/L	100	05/20/25 00:18	
EPA 6010	Lithium	77.3	ug/L	20.0	05/20/25 00:18	
EPA 6010	Magnesium	103000	ug/L	1000	05/20/25 00:18	
EPA 6010	Manganese	615	ug/L	10.0	05/20/25 00:18	
EPA 6010	Molybdenum	91.6	ug/L	10.0	05/20/25 00:18	
EPA 6010	Potassium	14000	ug/L	1000	05/20/25 00:18	
EPA 6010	Sodium	136000	ug/L	1000	05/20/25 00:18	
EPA 6010	Molybdenum, Dissolved	92.0	ug/L	10.0	05/20/25 02:08	
EPA 903.1	Radium-226	0.568 ± 0.570 (0.890) C:NA T:86%	pCi/L		06/10/25 17:17	
EPA 904.0	Radium-228	0.745 ± 0.379 (0.658) C:84% T:84%	pCi/L		06/10/25 11:06	
Total Radium Calculation	Total Radium	1.31 ± 0.949 (1.55)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	352	mg/L	10.0	05/22/25 19:35	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	352	mg/L	10.0	05/22/25 19:35	
SM 2540C	Total Dissolved Solids	1980	mg/L	40.0	05/14/25 08:17	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	05/14/25 13:29	H3
50401308004	**PZ-101D**					
EPA 9056	Chloride	329	mg/L	25.0	05/18/25 09:59	
EPA 9056	Fluoride	0.36	mg/L	0.10	05/17/25 23:05	
EPA 9056	Sulfate	631	mg/L	25.0	05/18/25 09:59	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401308004	**PZ-101D**					
EPA 6010	Barium	55.1	ug/L	10.0	05/20/25 00:20	
EPA 6010	Boron	2580	ug/L	100	05/20/25 00:20	
EPA 6010	Calcium	254000	ug/L	2000	05/20/25 01:05	
EPA 6010	Iron	7990	ug/L	100	05/20/25 00:20	
EPA 6010	Lithium	61.8	ug/L	20.0	05/20/25 00:20	
EPA 6010	Magnesium	70000	ug/L	1000	05/20/25 00:20	
EPA 6010	Manganese	598	ug/L	10.0	05/20/25 00:20	
EPA 6010	Molybdenum	82.0	ug/L	10.0	05/20/25 00:20	
EPA 6010	Potassium	12500	ug/L	1000	05/20/25 00:20	
EPA 6010	Sodium	251000	ug/L	2000	05/20/25 01:05	
EPA 6010	Molybdenum, Dissolved	78.6	ug/L	10.0	05/20/25 02:10	
EPA 6020	Arsenic	7.5	ug/L	1.0	05/17/25 12:50	
EPA 903.1	Radium-226	-0.254 ± 0.862 (1.68) C:NA T:84%	pCi/L		06/10/25 17:42	
EPA 904.0	Radium-228	1.20 ± 0.494 (0.797) C:87% T:82%	pCi/L		06/10/25 11:07	
Total Radium Calculation	Total Radium	1.20 ± 1.36 (2.48)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	367	mg/L	10.0	05/22/25 19:35	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	367	mg/L	10.0	05/22/25 19:35	
SM 2540C	Total Dissolved Solids	1790	mg/L	40.0	05/14/25 08:18	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	05/14/25 13:31	H3
SM 5310C	Dissolved Organic Carbon	2.1	mg/L	2.0	05/23/25 13:15	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: MW-108D **Lab ID: 50401308001** Collected: 05/12/25 10:47 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**239**	mg/L	2.5	1.3	10		05/17/25 21:42	16887-00-6	
Fluoride	**0.50**	mg/L	0.10	0.016	1		05/17/25 21:25	16984-48-8	
Sulfate	**668**	mg/L	25.0	19.0	100		05/18/25 09:09	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**43.9**	ug/L	10.0	0.68	1	05/15/25 22:35	05/20/25 00:14	7440-39-3	
Boron	**6220**	ug/L	100	5.6	1	05/15/25 22:35	05/20/25 00:14	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 22:35	05/20/25 00:14	7440-43-9	
Calcium	**264000**	ug/L	2000	168	2	05/15/25 22:35	05/20/25 00:59	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 22:35	05/20/25 00:14	7440-47-3	
Iron	**6950**	ug/L	100	41.0	1	05/15/25 22:35	05/20/25 00:14	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 22:35	05/20/25 00:14	7439-92-1	
Lithium	**70.2**	ug/L	20.0	3.8	1	05/15/25 22:35	05/20/25 00:14	7439-93-2	
Magnesium	**74500**	ug/L	1000	53.7	1	05/15/25 22:35	05/20/25 00:14	7439-95-4	
Manganese	**498**	ug/L	10.0	0.77	1	05/15/25 22:35	05/20/25 00:14	7439-96-5	
Molybdenum	**120**	ug/L	10.0	1.4	1	05/15/25 22:35	05/20/25 00:14	7439-98-7	
Potassium	**10100**	ug/L	1000	113	1	05/15/25 22:35	05/20/25 00:14	7440-09-7	
Sodium	**144000**	ug/L	1000	95.0	1	05/15/25 22:35	05/20/25 00:14	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**117**	ug/L	10.0	1.4	1	05/16/25 07:58	05/20/25 01:59	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/16/25 07:34	05/17/25 12:30	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/16/25 07:34	05/17/25 12:30	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/16/25 07:34	05/17/25 12:30	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/16/25 07:34	05/17/25 12:30	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/16/25 07:34	05/21/25 02:20	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/16/25 07:34	05/17/25 12:30	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/21/25 11:06	05/21/25 21:41	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**285**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Bicarbonate (CaCO3)	**285**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 19:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: MW-108D **Lab ID: 50401308001** Collected: 05/12/25 10:47 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1630**	mg/L	20.0	20.0	1		05/14/25 08:17		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		05/14/25 13:27		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/13/25 14:05	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/23/25 11:24		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: PZ-101S **Lab ID: 50401308002** Collected: 05/12/25 10:55 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**236**	mg/L	25.0	13.0	100		05/18/25 09:26	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.016	1		05/17/25 21:59	16984-48-8	
Sulfate	**701**	mg/L	25.0	19.0	100		05/18/25 09:26	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**71.8**	ug/L	10.0	0.68	1	05/15/25 22:35	05/20/25 00:16	7440-39-3	
Boron	**2300**	ug/L	100	5.6	1	05/15/25 22:35	05/20/25 00:16	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 22:35	05/20/25 00:16	7440-43-9	
Calcium	**285000**	ug/L	2000	168	2	05/15/25 22:35	05/20/25 01:01	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 22:35	05/20/25 00:16	7440-47-3	
Iron	**9800**	ug/L	100	41.0	1	05/15/25 22:35	05/20/25 00:16	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 22:35	05/20/25 00:16	7439-92-1	
Lithium	**57.4**	ug/L	20.0	3.8	1	05/15/25 22:35	05/20/25 00:16	7439-93-2	
Magnesium	**81700**	ug/L	1000	53.7	1	05/15/25 22:35	05/20/25 00:16	7439-95-4	
Manganese	**581**	ug/L	10.0	0.77	1	05/15/25 22:35	05/20/25 00:16	7439-96-5	
Molybdenum	**43.4**	ug/L	10.0	1.4	1	05/15/25 22:35	05/20/25 00:16	7439-98-7	
Potassium	**11100**	ug/L	1000	113	1	05/15/25 22:35	05/20/25 00:16	7440-09-7	
Sodium	**194000**	ug/L	1000	95.0	1	05/15/25 22:35	05/20/25 00:16	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**41.3**	ug/L	10.0	1.4	1	05/16/25 07:58	05/20/25 02:06	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/16/25 07:34	05/17/25 12:34	7440-36-0	
Arsenic	**9.7**	ug/L	1.0	0.080	1	05/16/25 07:34	05/17/25 12:34	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/16/25 07:34	05/17/25 12:34	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/16/25 07:34	05/17/25 12:34	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/16/25 07:34	05/21/25 02:32	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/16/25 07:34	05/17/25 12:34	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/21/25 11:06	05/21/25 21:43	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**425**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Bicarbonate (CaCO3)	**425**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 19:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: PZ-101S **Lab ID: 50401308002** Collected: 05/12/25 10:55 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1810**	mg/L	40.0	40.0	1		05/14/25 08:17		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		05/14/25 13:28		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/13/25 14:11	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/23/25 11:44		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: MW-108S **Lab ID: 50401308003** Collected: 05/12/25 11:50 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**189**	mg/L	2.5	1.3	10		05/17/25 22:49	16887-00-6	
Fluoride	**0.59**	mg/L	0.10	0.016	1		05/17/25 22:32	16984-48-8	
Sulfate	**952**	mg/L	25.0	19.0	100		05/18/25 09:42	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**34.1**	ug/L	10.0	0.68	1	05/15/25 22:35	05/20/25 00:18	7440-39-3	
Boron	**2840**	ug/L	100	5.6	1	05/15/25 22:35	05/20/25 00:18	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 22:35	05/20/25 00:18	7440-43-9	
Calcium	**322000**	ug/L	2000	168	2	05/15/25 22:35	05/20/25 01:03	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 22:35	05/20/25 00:18	7440-47-3	
Iron	**5100**	ug/L	100	41.0	1	05/15/25 22:35	05/20/25 00:18	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 22:35	05/20/25 00:18	7439-92-1	
Lithium	**77.3**	ug/L	20.0	3.8	1	05/15/25 22:35	05/20/25 00:18	7439-93-2	
Magnesium	**103000**	ug/L	1000	53.7	1	05/15/25 22:35	05/20/25 00:18	7439-95-4	
Manganese	**615**	ug/L	10.0	0.77	1	05/15/25 22:35	05/20/25 00:18	7439-96-5	
Molybdenum	**91.6**	ug/L	10.0	1.4	1	05/15/25 22:35	05/20/25 00:18	7439-98-7	
Potassium	**14000**	ug/L	1000	113	1	05/15/25 22:35	05/20/25 00:18	7440-09-7	
Sodium	**136000**	ug/L	1000	95.0	1	05/15/25 22:35	05/20/25 00:18	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**92.0**	ug/L	10.0	1.4	1	05/16/25 07:58	05/20/25 02:08	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/16/25 07:34	05/17/25 12:38	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/16/25 07:34	05/17/25 12:38	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/16/25 07:34	05/17/25 12:38	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/16/25 07:34	05/17/25 12:38	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/16/25 07:34	05/21/25 02:36	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/16/25 07:34	05/17/25 12:38	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/21/25 11:06	05/21/25 21:46	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**352**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Bicarbonate (CaCO3)	**352**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 19:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: MW-108S **Lab ID: 50401308003** Collected: 05/12/25 11:50 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1980**	mg/L	40.0	40.0	1		05/14/25 08:17		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		05/14/25 13:29		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/13/25 14:24	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/23/25 12:03		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: PZ-101D **Lab ID: 50401308004** Collected: 05/12/25 13:45 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**329**	mg/L	25.0	13.0	100		05/18/25 09:59	16887-00-6	
Fluoride	**0.36**	mg/L	0.10	0.016	1		05/17/25 23:05	16984-48-8	
Sulfate	**631**	mg/L	25.0	19.0	100		05/18/25 09:59	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**55.1**	ug/L	10.0	0.68	1	05/15/25 22:35	05/20/25 00:20	7440-39-3	
Boron	**2580**	ug/L	100	5.6	1	05/15/25 22:35	05/20/25 00:20	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 22:35	05/20/25 00:20	7440-43-9	
Calcium	**254000**	ug/L	2000	168	2	05/15/25 22:35	05/20/25 01:05	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 22:35	05/20/25 00:20	7440-47-3	
Iron	**7990**	ug/L	100	41.0	1	05/15/25 22:35	05/20/25 00:20	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 22:35	05/20/25 00:20	7439-92-1	
Lithium	**61.8**	ug/L	20.0	3.8	1	05/15/25 22:35	05/20/25 00:20	7439-93-2	
Magnesium	**70000**	ug/L	1000	53.7	1	05/15/25 22:35	05/20/25 00:20	7439-95-4	
Manganese	**598**	ug/L	10.0	0.77	1	05/15/25 22:35	05/20/25 00:20	7439-96-5	
Molybdenum	**82.0**	ug/L	10.0	1.4	1	05/15/25 22:35	05/20/25 00:20	7439-98-7	
Potassium	**12500**	ug/L	1000	113	1	05/15/25 22:35	05/20/25 00:20	7440-09-7	
Sodium	**251000**	ug/L	2000	190	2	05/15/25 22:35	05/20/25 01:05	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**78.6**	ug/L	10.0	1.4	1	05/16/25 07:58	05/20/25 02:10	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/16/25 07:34	05/17/25 12:50	7440-36-0	
Arsenic	**7.5**	ug/L	1.0	0.080	1	05/16/25 07:34	05/17/25 12:50	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/16/25 07:34	05/17/25 12:50	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/16/25 07:34	05/17/25 12:50	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/16/25 07:34	05/21/25 02:40	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/16/25 07:34	05/17/25 12:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/21/25 11:06	05/21/25 21:48	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**367**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Bicarbonate (CaCO3)	**367**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 19:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: PZ-101D **Lab ID: 50401308004** Collected: 05/12/25 13:45 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1790**	mg/L	40.0	40.0	1		05/14/25 08:18		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		05/14/25 13:31		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/13/25 14:44	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.1**	mg/L	2.0	0.60	2		05/23/25 13:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843610
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3862636 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/18/25 12:16	
Fluoride	mg/L	ND	0.10	0.016	05/18/25 12:16	
Sulfate	mg/L	ND	0.25	0.19	05/18/25 12:16	

LABORATORY CONTROL SAMPLE: 3862637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	98	80-120	
Fluoride	mg/L	1	0.96	96	80-120	
Sulfate	mg/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862638 3862639

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.3	2.5	2.5	8.8	8.9	101	102	80-120	0	15	
Fluoride	mg/L	0.15	1	1	1.0	1.1	90	91	80-120	1	15	
Sulfate	mg/L	56.7	50	50	102	102	92	91	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862640 3862641

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	22.2	2.5	2.5	24.6	24.7	100	101	80-120	0	15	
Fluoride	mg/L	0.11	1	1	1.0	1.0	91	93	80-120	2	15	
Sulfate	mg/L	457	50	50	498	498	82	80	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 844774
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3868209 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/21/25 20:57	

LABORATORY CONTROL SAMPLE: 3868210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868211 3868212

Parameter	Units	50401125002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.9	97	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843630
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3862689 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/19/25 23:41	
Boron	ug/L	ND	100	5.6	05/19/25 23:41	
Cadmium	ug/L	ND	2.0	0.46	05/19/25 23:41	
Calcium	ug/L	ND	1000	83.9	05/19/25 23:41	
Chromium	ug/L	ND	10.0	0.96	05/19/25 23:41	
Iron	ug/L	ND	100	41.0	05/19/25 23:41	
Lead	ug/L	ND	10.0	2.0	05/19/25 23:41	
Lithium	ug/L	ND	20.0	3.8	05/19/25 23:41	
Magnesium	ug/L	ND	1000	53.7	05/19/25 23:41	
Manganese	ug/L	ND	10.0	0.77	05/19/25 23:41	
Molybdenum	ug/L	ND	10.0	1.4	05/19/25 23:41	
Potassium	ug/L	ND	1000	113	05/19/25 23:41	
Sodium	ug/L	ND	1000	95.0	05/19/25 23:41	

LABORATORY CONTROL SAMPLE: 3862690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	995	99	80-120	
Cadmium	ug/L	1000	962	96	80-120	
Calcium	ug/L	10000	10000	100	80-120	
Chromium	ug/L	1000	983	98	80-120	
Iron	ug/L	10000	9860	99	80-120	
Lead	ug/L	1000	939	94	80-120	
Lithium	ug/L	1000	1010	101	80-120	
Magnesium	ug/L	10000	9870	99	80-120	
Manganese	ug/L	1000	957	96	80-120	
Molybdenum	ug/L	1000	1050	105	80-120	
Potassium	ug/L	10000	9430	94	80-120	
Sodium	ug/L	10000	9780	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862691 3862692

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	32.6	1000	1000	1070	1030	103	100	75-125	4	20	
Boron	ug/L	344	1000	1000	1400	1350	106	100	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862691 3862692

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	1000	967	100	97	75-125	3	20	
Calcium	ug/L	107000	10000	10000	121000	118000	146	113	75-125	3	20	P6
Chromium	ug/L	ND	1000	1000	1010	963	101	96	75-125	5	20	
Iron	ug/L	211	10000	10000	10300	9850	101	96	75-125	5	20	
Lead	ug/L	ND	1000	1000	951	919	95	92	75-125	3	20	
Lithium	ug/L	ND	1000	1000	1040	1010	103	100	75-125	3	20	
Magnesium	ug/L	23800	10000	10000	34700	33800	108	99	75-125	3	20	
Manganese	ug/L	247	1000	1000	1230	1190	98	94	75-125	3	20	
Molybdenum	ug/L	32.5	1000	1000	1130	1090	109	105	75-125	4	20	
Potassium	ug/L	3020	10000	10000	13000	12700	99	97	75-125	2	20	
Sodium	ug/L	5000	10000	10000	15100	14700	101	97	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862693 3862694

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	95.3	1000	1000	1110	1130	102	104	75-125	1	20	
Boron	ug/L	775	1000	1000	1820	1810	105	104	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	968	975	97	98	75-125	1	20	
Calcium	ug/L	244000	10000	10000	259000	260000	142	155	75-125	0	20	P6
Chromium	ug/L	ND	1000	1000	989	981	99	98	75-125	1	20	
Iron	ug/L	7090	10000	10000	16900	16900	98	98	75-125	0	20	
Lead	ug/L	ND	1000	1000	907	911	90	91	75-125	1	20	
Lithium	ug/L	ND	1000	1000	1020	1050	102	104	75-125	2	20	
Magnesium	ug/L	46700	10000	10000	56800	56800	101	101	75-125	0	20	
Manganese	ug/L	3070	1000	1000	4030	4020	95	95	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1060	1060	106	106	75-125	0	20	
Potassium	ug/L	2030	10000	10000	11900	12200	99	101	75-125	2	20	
Sodium	ug/L	18200	10000	10000	28100	28400	99	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843787
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3863435 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/20/25 01:14	

LABORATORY CONTROL SAMPLE: 3863436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1020	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863437 3863438

Parameter	Units	50401336008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1030	100	103	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843912
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3864064 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/17/25 10:03	
Arsenic	ug/L	ND	1.0	0.080	05/17/25 10:03	
Beryllium	ug/L	ND	0.20	0.026	05/17/25 10:03	
Cobalt	ug/L	ND	1.0	0.045	05/17/25 10:03	
Selenium	ug/L	ND	1.0	0.26	05/21/25 01:17	
Thallium	ug/L	ND	1.0	0.052	05/17/25 10:03	

LABORATORY CONTROL SAMPLE: 3864065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.3	101	80-120	
Arsenic	ug/L	40	39.6	99	80-120	
Beryllium	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	41.6	104	80-120	
Selenium	ug/L	40	39.0	98	80-120	
Thallium	ug/L	40	41.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864066 3864067

Parameter	Units	50401246009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<0.19	40	40	40.2	40.1	100	100	75-125	0	20	
Arsenic	ug/L	0.19J	40	40	39.5	40.0	98	100	75-125	1	20	
Beryllium	ug/L	<0.026	40	40	38.5	38.8	96	97	75-125	1	20	
Cobalt	ug/L	0.12J	40	40	38.3	38.7	95	96	75-125	1	20	
Selenium	ug/L	0.43J	40	40	40.1	38.9	99	96	75-125	3	20	IC
Thallium	ug/L	<0.052	40	40	41.2	41.6	103	104	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 845341 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3871013 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/22/25 19:35	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/22/25 19:35	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/22/25 19:35	

LABORATORY CONTROL SAMPLE: 3871014

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.3	101	90-110	

SAMPLE DUPLICATE: 3871015

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	812	814	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	812	814	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3871016

Parameter	Units	50401308001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	285	279	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	285	279	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843539 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3862335 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/14/25 08:15	

LABORATORY CONTROL SAMPLE: 3862336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	285	95	80-120	

SAMPLE DUPLICATE: 3862337

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1200	1170	3	10	

SAMPLE DUPLICATE: 3862338

Parameter	Units	50401301016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	448	442	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843623
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

SAMPLE DUPLICATE: 3862678

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.9	6.9	0	2	H3

SAMPLE DUPLICATE: 3862679

Parameter	Units	50401304001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

SAMPLE DUPLICATE: 3862680

Parameter	Units	50401305001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843321
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003

METHOD BLANK: 3861401 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/13/25 13:36	

LABORATORY CONTROL SAMPLE: 3861402

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.95	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3861403 3861404

Parameter	Units	50401303005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	22.7	10	10	32.0	32.0	93	93	90-110	0	20	

MATRIX SPIKE SAMPLE: 3861405

Parameter	Units	50401302002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	10.7	10	20.3	96	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 843322
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308004

METHOD BLANK: 3861406 Matrix: Water
Associated Lab Samples: 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/13/25 14:29	

LABORATORY CONTROL SAMPLE: 3861407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.95	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3861408 3861409

Parameter	Units	50401302005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	13.0	10	10	22.4	22.4	94	94	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 844515 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3867181 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/22/25 14:46	

LABORATORY CONTROL SAMPLE: 3867182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3867183 3867184

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.0	10	10	10.8	10.8	98	98	80-120	0	15	

MATRIX SPIKE SAMPLE: 3867185

Parameter	Units	50401308001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	11.0	97	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: MW-108D **Lab ID: 50401308001** Collected: 05/12/25 10:47 Received: 05/12/25 15:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.578 ± 0.492 (0.691) C:NA T:80%**	pCi/L	06/10/25 17:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.01 ± 0.447 (0.723) C:80% T:77%**	pCi/L	06/10/25 11:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.59 ± 0.939 (1.41)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: PZ-101S **Lab ID: 50401308002** Collected: 05/12/25 10:55 Received: 05/12/25 15:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.200 ± 0.752 (1.38) C:NA T:81%**	pCi/L	06/10/25 17:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.982 ± 0.404 (0.617) C:82% T:83%**	pCi/L	06/10/25 11:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.18 ± 1.16 (2.00)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: MW-108S **Lab ID: 50401308003** Collected: 05/12/25 11:50 Received: 05/12/25 15:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.568 ± 0.570 (0.890) C:NA T:86%**	pCi/L	06/10/25 17:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.745 ± 0.379 (0.658) C:84% T:84%**	pCi/L	06/10/25 11:06	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.31 ± 0.949 (1.55)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Sample: PZ-101D **Lab ID: 50401308004** Collected: 05/12/25 13:45 Received: 05/12/25 15:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.254 ± 0.862 (1.68) C:NA T:84%**	pCi/L	06/10/25 17:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.20 ± 0.494 (0.797) C:87% T:82%**	pCi/L	06/10/25 11:07	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.20 ± 1.36 (2.48)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 747630
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3641334 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.162 ± 0.252 (0.437) C:NA T:97%	pCi/L	06/10/25 17:17	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

QC Batch: 747631
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

METHOD BLANK: 3641339 Matrix: Water
Associated Lab Samples: 50401308001, 50401308002, 50401308003, 50401308004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.917 ± 0.424 (0.710) C:81% T:87%	pCi/L	06/10/25 11:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401308001	**MW-108D**	EPA 9056	843610		
50401308002	**PZ-101S**	EPA 9056	843610		
50401308003	**MW-108S**	EPA 9056	843610		
50401308004	**PZ-101D**	EPA 9056	843610		
50401308001	**MW-108D**	EPA 3010	843630	EPA 6010	844634
50401308002	**PZ-101S**	EPA 3010	843630	EPA 6010	844634
50401308003	**MW-108S**	EPA 3010	843630	EPA 6010	844634
50401308004	**PZ-101D**	EPA 3010	843630	EPA 6010	844634
50401308001	**MW-108D**	EPA 3010	843787	EPA 6010	844640
50401308002	**PZ-101S**	EPA 3010	843787	EPA 6010	844640
50401308003	**MW-108S**	EPA 3010	843787	EPA 6010	844640
50401308004	**PZ-101D**	EPA 3010	843787	EPA 6010	844640
50401308001	**MW-108D**	EPA 200.2	843912	EPA 6020	844270
50401308002	**PZ-101S**	EPA 200.2	843912	EPA 6020	844270
50401308003	**MW-108S**	EPA 200.2	843912	EPA 6020	844270
50401308004	**PZ-101D**	EPA 200.2	843912	EPA 6020	844270
50401308001	**MW-108D**	EPA 7470	844774	EPA 7470	845122
50401308002	**PZ-101S**	EPA 7470	844774	EPA 7470	845122
50401308003	**MW-108S**	EPA 7470	844774	EPA 7470	845122
50401308004	**PZ-101D**	EPA 7470	844774	EPA 7470	845122
50401308001	**MW-108D**	EPA 903.1	747630		
50401308002	**PZ-101S**	EPA 903.1	747630		
50401308003	**MW-108S**	EPA 903.1	747630		
50401308004	**PZ-101D**	EPA 903.1	747630		
50401308001	**MW-108D**	EPA 904.0	747631		
50401308002	**PZ-101S**	EPA 904.0	747631		
50401308003	**MW-108S**	EPA 904.0	747631		
50401308004	**PZ-101D**	EPA 904.0	747631		
50401308001	**MW-108D**	Total Radium Calculation	751279		
50401308002	**PZ-101S**	Total Radium Calculation	751279		
50401308003	**MW-108S**	Total Radium Calculation	751279		
50401308004	**PZ-101D**	Total Radium Calculation	751279		
50401308001	**MW-108D**	SM 2320B	845341		
50401308002	**PZ-101S**	SM 2320B	845341		
50401308003	**MW-108S**	SM 2320B	845341		
50401308004	**PZ-101D**	SM 2320B	845341		
50401308001	**MW-108D**	SM 2540C	843539		
50401308002	**PZ-101S**	SM 2540C	843539		
50401308003	**MW-108S**	SM 2540C	843539		
50401308004	**PZ-101D**	SM 2540C	843539		
50401308001	**MW-108D**	SM 4500-H+B	843623		
50401308002	**PZ-101S**	SM 4500-H+B	843623		
50401308003	**MW-108S**	SM 4500-H+B	843623		
50401308004	**PZ-101D**	SM 4500-H+B	843623		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401308

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401308001	**MW-108D**	EPA 353.2	843321		
50401308002	**PZ-101S**	EPA 353.2	843321		
50401308003	**MW-108S**	EPA 353.2	843321		
50401308004	**PZ-101D**	EPA 353.2	843322		
50401308001	**MW-108D**	SM 5310C	844515		
50401308002	**PZ-101S**	SM 5310C	844515		
50401308003	**MW-108S**	SM 5310C	844515		
50401308004	**PZ-101D**	SM 5310C	844515		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50401308

50401308

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	Sample Comment
MW-108D	GW	Grab	5-12-25	1047			8			001
~~MW-10~~ PZ-101S				1055						002
MW-108S				1150						003
PZ-101D				1345						004

2320B Alkalinity; 2540C Total Dissolved Solids; 353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4; 5310C Dissolved Organic Carbon; 6010 MET ICP, Dissolved Mo; 6010 MET ICP; 6020 MET ICPMS; 7470 Mercury; RAD 226/228 + SUM to Pace PA

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**

AcctNum / Client ID:

Table #:

Profile / Template: **10498/73**

Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day / Amanda Sullivan
Signature: Aaron Day / Amanda Sullivan

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	D	-0.1	8	8	Scan

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Amanda Sullivan	5-12-25 15:15		5/12/25 1515
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEx [ ] UPS [ ] Other

Page: 7 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MR 5/15/25 1645

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 5.9/5.8 | 5.9/5.8 | | | RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap Bubble Bags None Other _____

4. Ice Type: Wet Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

5. Courier: Fed Ex UPS Client Pace Now/Jett Other

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

6. Custody Seal on Cooler/Box Present: Yes No

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: NO3	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1650	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	✓	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
			NaOH only	SBS	DI																										HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
COC Line Item	WGFU	WGKU BG1U			R	DG9H VG9H	VOA VIAL HS (>15mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit							
1															1			2	1	2	1	1									✓	✓		
2																																		
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Dear Mr. Breting:

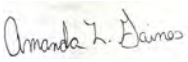
Enclosed are the analytical results for sample(s) received by the laboratory on May 12, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis
7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401309001	**MW-11D**	Water	05/12/25 11:00	05/12/25 15:15
50401309002	**MW-11S**	Water	05/12/25 14:00	05/12/25 15:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401309001	**MW-11D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401309002	**MW-11S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401309001	**MW-11D**					
EPA 9056	Chloride	77.0	mg/L	2.5	05/17/25 23:55	
EPA 9056	Fluoride	0.35	mg/L	0.10	05/17/25 23:39	
EPA 9056	Sulfate	507	mg/L	25.0	05/18/25 10:53	
EPA 6010	Barium	24.0	ug/L	10.0	05/20/25 00:22	
EPA 6010	Boron	10900	ug/L	100	05/20/25 00:22	
EPA 6010	Calcium	214000	ug/L	2000	05/20/25 01:07	
EPA 6010	Iron	5580	ug/L	100	05/20/25 00:22	
EPA 6010	Lithium	143	ug/L	20.0	05/20/25 00:22	
EPA 6010	Magnesium	50000	ug/L	1000	05/20/25 00:22	
EPA 6010	Manganese	41.9	ug/L	10.0	05/20/25 00:22	
EPA 6010	Potassium	3050	ug/L	1000	05/20/25 00:22	
EPA 6010	Sodium	72600	ug/L	1000	05/20/25 00:22	
EPA 6020	Arsenic	16.7	ug/L	1.0	05/17/25 12:54	
EPA 903.1	Radium-226	0.208 ± 0.863 (1.55) C:NA T:95%	pCi/L		06/10/25 17:03	
EPA 904.0	Radium-228	0.160 ± 0.431 (0.965) C:77% T:84%	pCi/L		06/10/25 15:05	
Total Radium Calculation	Total Radium	0.368 ± 1.29 (2.52)	pCi/L		06/11/25 09:38	
SM 2320B	Alkalinity, Total as CaCO3	264	mg/L	10.0	05/22/25 19:35	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	264	mg/L	10.0	05/22/25 19:35	
SM 2540C	Total Dissolved Solids	567	mg/L	333	05/14/25 08:19	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	05/14/25 13:32	H3
50401309002	**MW-11S**					
EPA 9056	Chloride	31.2	mg/L	2.5	05/18/25 01:02	
EPA 9056	Fluoride	1.4	mg/L	0.10	05/18/25 00:46	
EPA 9056	Sulfate	116	mg/L	2.5	05/18/25 01:02	
EPA 6010	Barium	100	ug/L	10.0	05/20/25 00:24	
EPA 6010	Boron	1110	ug/L	100	05/20/25 00:24	
EPA 6010	Calcium	59900	ug/L	1000	05/20/25 00:24	
EPA 6010	Iron	2620	ug/L	100	05/20/25 00:24	
EPA 6010	Magnesium	34500	ug/L	1000	05/20/25 00:24	
EPA 6010	Manganese	49.3	ug/L	10.0	05/20/25 00:24	
EPA 6010	Molybdenum	71.3	ug/L	10.0	05/20/25 00:24	
EPA 6010	Potassium	2390	ug/L	1000	05/20/25 00:24	
EPA 6010	Sodium	22400	ug/L	1000	05/20/25 00:24	
EPA 6010	Molybdenum, Dissolved	74.5	ug/L	10.0	05/20/25 02:14	
EPA 6020	Arsenic	5.6	ug/L	1.0	05/17/25 12:58	
EPA 903.1	Radium-226	0.327 ± 0.755 (1.33) C:NA T:91%	pCi/L		06/10/25 17:03	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401309002	**MW-11S**					
EPA 904.0	Radium-228	0.598 ± 0.437 (0.848) C:77% T:93%	pCi/L		06/10/25 15:05	
Total Radium Calculation	Total Radium	0.925 ± 1.19 (2.18)	pCi/L		06/11/25 09:38	
SM 2320B	Alkalinity, Total as CaCO3	221	mg/L	10.0	05/22/25 19:35	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	221	mg/L	10.0	05/22/25 19:35	
SM 2540C	Total Dissolved Solids	457	mg/L	10.0	05/14/25 08:19	
SM 4500-H+B	pH at 25 Degrees C	7.9	Std. Units	0.10	05/14/25 13:34	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Sample: MW-11D **Lab ID: 50401309001** Collected: 05/12/25 11:00 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**77.0**	mg/L	2.5	1.3	10		05/17/25 23:55	16887-00-6	
Fluoride	**0.35**	mg/L	0.10	0.016	1		05/17/25 23:39	16984-48-8	
Sulfate	**507**	mg/L	25.0	19.0	100		05/18/25 10:53	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**24.0**	ug/L	10.0	0.68	1	05/15/25 22:35	05/20/25 00:22	7440-39-3	
Boron	**10900**	ug/L	100	5.6	1	05/15/25 22:35	05/20/25 00:22	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 22:35	05/20/25 00:22	7440-43-9	
Calcium	**214000**	ug/L	2000	168	2	05/15/25 22:35	05/20/25 01:07	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 22:35	05/20/25 00:22	7440-47-3	
Iron	**5580**	ug/L	100	41.0	1	05/15/25 22:35	05/20/25 00:22	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 22:35	05/20/25 00:22	7439-92-1	
Lithium	**143**	ug/L	20.0	3.8	1	05/15/25 22:35	05/20/25 00:22	7439-93-2	
Magnesium	**50000**	ug/L	1000	53.7	1	05/15/25 22:35	05/20/25 00:22	7439-95-4	
Manganese	**41.9**	ug/L	10.0	0.77	1	05/15/25 22:35	05/20/25 00:22	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/15/25 22:35	05/20/25 00:22	7439-98-7	
Potassium	**3050**	ug/L	1000	113	1	05/15/25 22:35	05/20/25 00:22	7440-09-7	
Sodium	**72600**	ug/L	1000	95.0	1	05/15/25 22:35	05/20/25 00:22	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/16/25 07:58	05/20/25 02:12	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/16/25 07:34	05/17/25 12:54	7440-36-0	
Arsenic	**16.7**	ug/L	1.0	0.080	1	05/16/25 07:34	05/17/25 12:54	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/16/25 07:34	05/17/25 12:54	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/16/25 07:34	05/17/25 12:54	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/16/25 07:34	05/21/25 02:44	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/16/25 07:34	05/17/25 12:54	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/21/25 11:06	05/21/25 21:51	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**264**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Bicarbonate (CaCO3)	**264**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 19:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Sample: MW-11D **Lab ID: 50401309001** Collected: 05/12/25 11:00 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**567**	mg/L	333	333	1		05/14/25 08:19		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		05/14/25 13:32		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/13/25 14:13	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.30	1		05/22/25 20:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Sample: MW-11S **Lab ID: 50401309002** Collected: 05/12/25 14:00 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**31.2**	mg/L	2.5	1.3	10		05/18/25 01:02	16887-00-6	
Fluoride	**1.4**	mg/L	0.10	0.016	1		05/18/25 00:46	16984-48-8	
Sulfate	**116**	mg/L	2.5	1.9	10		05/18/25 01:02	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**100**	ug/L	10.0	0.68	1	05/15/25 22:35	05/20/25 00:24	7440-39-3	
Boron	**1110**	ug/L	100	5.6	1	05/15/25 22:35	05/20/25 00:24	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/15/25 22:35	05/20/25 00:24	7440-43-9	
Calcium	**59900**	ug/L	1000	83.9	1	05/15/25 22:35	05/20/25 00:24	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/15/25 22:35	05/20/25 00:24	7440-47-3	
Iron	**2620**	ug/L	100	41.0	1	05/15/25 22:35	05/20/25 00:24	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/15/25 22:35	05/20/25 00:24	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/15/25 22:35	05/20/25 00:24	7439-93-2	
Magnesium	**34500**	ug/L	1000	53.7	1	05/15/25 22:35	05/20/25 00:24	7439-95-4	
Manganese	**49.3**	ug/L	10.0	0.77	1	05/15/25 22:35	05/20/25 00:24	7439-96-5	
Molybdenum	**71.3**	ug/L	10.0	1.4	1	05/15/25 22:35	05/20/25 00:24	7439-98-7	
Potassium	**2390**	ug/L	1000	113	1	05/15/25 22:35	05/20/25 00:24	7440-09-7	
Sodium	**22400**	ug/L	1000	95.0	1	05/15/25 22:35	05/20/25 00:24	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**74.5**	ug/L	10.0	1.4	1	05/16/25 07:58	05/20/25 02:14	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	07/02/25 10:16	07/03/25 02:18	7440-36-0	
Arsenic	**5.6**	ug/L	1.0	0.080	1	05/16/25 07:34	05/17/25 12:58	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/16/25 07:34	05/17/25 12:58	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/16/25 07:34	05/17/25 12:58	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/16/25 07:34	05/21/25 02:48	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/16/25 07:34	05/17/25 12:58	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/21/25 11:06	05/21/25 21:53	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**221**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Bicarbonate (CaCO3)	**221**	mg/L	10.0	10.0	1		05/22/25 19:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/22/25 19:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Sample: MW-11S **Lab ID: 50401309002** Collected: 05/12/25 14:00 Received: 05/12/25 15:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**457**	mg/L	10.0	10.0	1		05/14/25 08:19		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.9**	Std. Units	0.10	0.10	1		05/14/25 13:34		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/13/25 14:46	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.30	1		05/22/25 20:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843610
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3862636 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/18/25 12:16	
Fluoride	mg/L	ND	0.10	0.016	05/18/25 12:16	
Sulfate	mg/L	ND	0.25	0.19	05/18/25 12:16	

LABORATORY CONTROL SAMPLE: 3862637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	98	80-120	
Fluoride	mg/L	1	0.96	96	80-120	
Sulfate	mg/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862638 3862639

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.3	2.5	2.5	8.8	8.9	101	102	80-120	0	15	
Fluoride	mg/L	0.15	1	1	1.0	1.1	90	91	80-120	1	15	
Sulfate	mg/L	56.7	50	50	102	102	92	91	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862640 3862641

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	22.2	2.5	2.5	24.6	24.7	100	101	80-120	0	15	
Fluoride	mg/L	0.11	1	1	1.0	1.0	91	93	80-120	2	15	
Sulfate	mg/L	457	50	50	498	498	82	80	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 844774
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3868209 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/21/25 20:57	

LABORATORY CONTROL SAMPLE: 3868210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868211 3868212

Parameter	Units	50401125002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.9	97	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843630
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3862689 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/19/25 23:41	
Boron	ug/L	ND	100	5.6	05/19/25 23:41	
Cadmium	ug/L	ND	2.0	0.46	05/19/25 23:41	
Calcium	ug/L	ND	1000	83.9	05/19/25 23:41	
Chromium	ug/L	ND	10.0	0.96	05/19/25 23:41	
Iron	ug/L	ND	100	41.0	05/19/25 23:41	
Lead	ug/L	ND	10.0	2.0	05/19/25 23:41	
Lithium	ug/L	ND	20.0	3.8	05/19/25 23:41	
Magnesium	ug/L	ND	1000	53.7	05/19/25 23:41	
Manganese	ug/L	ND	10.0	0.77	05/19/25 23:41	
Molybdenum	ug/L	ND	10.0	1.4	05/19/25 23:41	
Potassium	ug/L	ND	1000	113	05/19/25 23:41	
Sodium	ug/L	ND	1000	95.0	05/19/25 23:41	

LABORATORY CONTROL SAMPLE: 3862690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	995	99	80-120	
Cadmium	ug/L	1000	962	96	80-120	
Calcium	ug/L	10000	10000	100	80-120	
Chromium	ug/L	1000	983	98	80-120	
Iron	ug/L	10000	9860	99	80-120	
Lead	ug/L	1000	939	94	80-120	
Lithium	ug/L	1000	1010	101	80-120	
Magnesium	ug/L	10000	9870	99	80-120	
Manganese	ug/L	1000	957	96	80-120	
Molybdenum	ug/L	1000	1050	105	80-120	
Potassium	ug/L	10000	9430	94	80-120	
Sodium	ug/L	10000	9780	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862691 3862692

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	32.6	1000	1000	1070	1030	103	100	75-125	4	20	
Boron	ug/L	344	1000	1000	1400	1350	106	100	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862691 3862692

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	1000	967	100	97	75-125	3	20	
Calcium	ug/L	107000	10000	10000	121000	118000	146	113	75-125	3	20	P6
Chromium	ug/L	ND	1000	1000	1010	963	101	96	75-125	5	20	
Iron	ug/L	211	10000	10000	10300	9850	101	96	75-125	5	20	
Lead	ug/L	ND	1000	1000	951	919	95	92	75-125	3	20	
Lithium	ug/L	ND	1000	1000	1040	1010	103	100	75-125	3	20	
Magnesium	ug/L	23800	10000	10000	34700	33800	108	99	75-125	3	20	
Manganese	ug/L	247	1000	1000	1230	1190	98	94	75-125	3	20	
Molybdenum	ug/L	32.5	1000	1000	1130	1090	109	105	75-125	4	20	
Potassium	ug/L	3020	10000	10000	13000	12700	99	97	75-125	2	20	
Sodium	ug/L	5000	10000	10000	15100	14700	101	97	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862693 3862694

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	95.3	1000	1000	1110	1130	102	104	75-125	1	20	
Boron	ug/L	775	1000	1000	1820	1810	105	104	75-125	1	20	
Cadmium	ug/L	ND	1000	1000	968	975	97	98	75-125	1	20	
Calcium	ug/L	244000	10000	10000	259000	260000	142	155	75-125	0	20	P6
Chromium	ug/L	ND	1000	1000	989	981	99	98	75-125	1	20	
Iron	ug/L	7090	10000	10000	16900	16900	98	98	75-125	0	20	
Lead	ug/L	ND	1000	1000	907	911	90	91	75-125	1	20	
Lithium	ug/L	ND	1000	1000	1020	1050	102	104	75-125	2	20	
Magnesium	ug/L	46700	10000	10000	56800	56800	101	101	75-125	0	20	
Manganese	ug/L	3070	1000	1000	4030	4020	95	95	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1060	1060	106	106	75-125	0	20	
Potassium	ug/L	2030	10000	10000	11900	12200	99	101	75-125	2	20	
Sodium	ug/L	18200	10000	10000	28100	28400	99	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843787
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3863435 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/20/25 01:14	

LABORATORY CONTROL SAMPLE: 3863436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1020	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863437 3863438

Parameter	Units	50401336008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1010	1030	100	103	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843912
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3864064 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/17/25 10:03	
Arsenic	ug/L	ND	1.0	0.080	05/17/25 10:03	
Beryllium	ug/L	ND	0.20	0.026	05/17/25 10:03	
Cobalt	ug/L	ND	1.0	0.045	05/17/25 10:03	
Selenium	ug/L	ND	1.0	0.26	05/21/25 01:17	
Thallium	ug/L	ND	1.0	0.052	05/17/25 10:03	

LABORATORY CONTROL SAMPLE: 3864065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.3	101	80-120	
Arsenic	ug/L	40	39.6	99	80-120	
Beryllium	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	41.6	104	80-120	
Selenium	ug/L	40	39.0	98	80-120	
Thallium	ug/L	40	41.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864066 3864067

Parameter	Units	50401246009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<0.19	40	40	40.2	40.1	100	100	75-125	0	20	
Arsenic	ug/L	0.19J	40	40	39.5	40.0	98	100	75-125	1	20	
Beryllium	ug/L	<0.026	40	40	38.5	38.8	96	97	75-125	1	20	
Cobalt	ug/L	0.12J	40	40	38.3	38.7	95	96	75-125	1	20	
Selenium	ug/L	0.43J	40	40	40.1	38.9	99	96	75-125	3	20	IC
Thallium	ug/L	<0.052	40	40	41.2	41.6	103	104	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 851940
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309002

METHOD BLANK: 3902507 Matrix: Water
Associated Lab Samples: 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	07/03/25 02:10	

LABORATORY CONTROL SAMPLE: 3902508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.5	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3902509 3902510

Parameter	Units	50401309002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	39.2	39.3	98	98	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 845341
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3871013 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/22/25 19:35	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/22/25 19:35	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/22/25 19:35	

LABORATORY CONTROL SAMPLE: 3871014

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.3	101	90-110	

SAMPLE DUPLICATE: 3871015

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	812	814	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	812	814	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3871016

Parameter	Units	50401308001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	285	279	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	285	279	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843539
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3862335 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/14/25 08:15	

LABORATORY CONTROL SAMPLE: 3862336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	285	95	80-120	

SAMPLE DUPLICATE: 3862337

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1200	1170	3	10	

SAMPLE DUPLICATE: 3862338

Parameter	Units	50401301016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	448	442	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843623
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

SAMPLE DUPLICATE: 3862678

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.9	6.9	0	2	H3

SAMPLE DUPLICATE: 3862679

Parameter	Units	50401304001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

SAMPLE DUPLICATE: 3862680

Parameter	Units	50401305001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843321
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001

METHOD BLANK: 3861401 Matrix: Water
Associated Lab Samples: 50401309001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/13/25 13:36	

LABORATORY CONTROL SAMPLE: 3861402

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.95	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3861403 3861404

Parameter	Units	50401303005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	22.7	10	10	32.0	32.0	93	93	90-110	0	20	

MATRIX SPIKE SAMPLE: 3861405

Parameter	Units	50401302002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	10.7	10	20.3	96	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 843322
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309002

METHOD BLANK: 3861406 Matrix: Water
Associated Lab Samples: 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/13/25 14:29	

LABORATORY CONTROL SAMPLE: 3861407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.95	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3861408 3861409

Parameter	Units	50401302005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	13.0	10	10	22.4	22.4	94	94	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 844515
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3867181 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/22/25 14:46	

LABORATORY CONTROL SAMPLE: 3867182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3867183 3867184

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.0	10	10	10.8	10.8	98	98	80-120	0	15	

MATRIX SPIKE SAMPLE: 3867185

Parameter	Units	50401308001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	11.0	97	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Sample: MW-11D **Lab ID: 50401309001** Collected: 05/12/25 11:00 Received: 05/12/25 15:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.208 ± 0.863 (1.55) C:NA T:95%**	pCi/L	06/10/25 17:03	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.160 ± 0.431 (0.965) C:77% T:84%**	pCi/L	06/10/25 15:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.368 ± 1.29 (2.52)**	pCi/L	06/11/25 09:38	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Sample: MW-11S **Lab ID: 50401309002** Collected: 05/12/25 14:00 Received: 05/12/25 15:15 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.327 ± 0.755 (1.33) C:NA T:91%**	pCi/L	06/10/25 17:03	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.598 ± 0.437 (0.848) C:77% T:93%**	pCi/L	06/10/25 15:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.925 ± 1.19 (2.18)**	pCi/L	06/11/25 09:38	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 747628
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3641331 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.254 ± 0.312 (0.508) C:NA T:93%	pCi/L	06/10/25 16:36	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

QC Batch: 747629
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401309001, 50401309002

METHOD BLANK: 3641332 Matrix: Water
Associated Lab Samples: 50401309001, 50401309002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.216 ± 0.404 (0.886) C:80% T:93%	pCi/L	06/10/25 15:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50401309

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401309001	**MW-11D**	EPA 9056	843610		
50401309002	**MW-11S**	EPA 9056	843610		
50401309001	**MW-11D**	EPA 3010	843630	EPA 6010	844634
50401309002	**MW-11S**	EPA 3010	843630	EPA 6010	844634
50401309001	**MW-11D**	EPA 3010	843787	EPA 6010	844640
50401309002	**MW-11S**	EPA 3010	843787	EPA 6010	844640
50401309001	**MW-11D**	EPA 200.2	843912	EPA 6020	844270
50401309002	**MW-11S**	EPA 200.2	843912	EPA 6020	844270
50401309002	**MW-11S**	EPA 200.2	851940	EPA 6020	852090
50401309001	**MW-11D**	EPA 7470	844774	EPA 7470	845122
50401309002	**MW-11S**	EPA 7470	844774	EPA 7470	845122
50401309001	**MW-11D**	EPA 903.1	747628		
50401309002	**MW-11S**	EPA 903.1	747628		
50401309001	**MW-11D**	EPA 904.0	747629		
50401309002	**MW-11S**	EPA 904.0	747629		
50401309001	**MW-11D**	Total Radium Calculation	751276		
50401309002	**MW-11S**	Total Radium Calculation	751276		
50401309001	**MW-11D**	SM 2320B	845341		
50401309002	**MW-11S**	SM 2320B	845341		
50401309001	**MW-11D**	SM 2540C	843539		
50401309002	**MW-11S**	SM 2540C	843539		
50401309001	**MW-11D**	SM 4500-H+B	843623		
50401309002	**MW-11S**	SM 4500-H+B	843623		
50401309001	**MW-11D**	EPA 353.2	843321		
50401309002	**MW-11S**	EPA 353.2	843322		
50401309001	**MW-11D**	SM 5310C	844515		
50401309002	**MW-11S**	SM 5310C	844515		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50401309

50401309

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable:	
	Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres: 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA				Sample Comment
MW-11D	GW	Grab	5-12-25	1100			8			✓	✓	✓	✓	✓	✓	✓				001
MW-11S	GW	Grab	5-12-25	1400			8			✓	✓	✓	✓	✓	✓	✓				002

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**

AcctNum / Client ID:

Table #:

Profile / Template: **10498/73**

Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Mohammed Bazlamit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	D	-0.1	SEE SCAN		

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	5/12/25 1515		5/12/25 1515	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 5 of 7

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MTR 5/12/25 1645

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 5.9/5.8 | 5.9/5.8 | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap Bubble Bags None Other _____

4. Ice Type: Wet Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS Client Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes No

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: NO3	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1650	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only)	SBS	DI	R	DG9H VG9H	VOA VIAL HS (>0/film)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1																1			2	1	2	1	1									WT	✓	✓		
2																1			2	1	2	1	1									SL	✓	✓		
3																																				
4																																				
5																																				
6																																				
7																																				
8																																				
9																																				
10																																				
11																																				
12																																				

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Dear Mr. Breting:

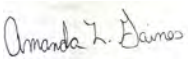
Enclosed are the analytical results for sample(s) received by the laboratory on May 13, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401411001	**MW-109D**	Water	05/13/25 14:05	05/13/25 16:00
50401411002	**PZ-100S**	Water	05/13/25 12:05	05/13/25 16:00
50401411003	**PZ-100D**	Water	05/13/25 14:00	05/13/25 16:00
50401411004	**DUP 6**	Water	05/13/25 14:00	05/13/25 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401411001	**MW-109D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401411002	**PZ-100S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401411003	**PZ-100D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401411004	**DUP 6**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401411001	**MW-109D**					
EPA 9056	Chloride	113	mg/L	2.5	05/22/25 03:49	
EPA 9056	Fluoride	0.16	mg/L	0.10	05/22/25 03:32	
EPA 9056	Sulfate	68.0	mg/L	2.5	05/22/25 03:49	
EPA 6010	Barium	89.3	ug/L	10.0	05/22/25 01:56	
EPA 6010	Boron	707	ug/L	100	05/22/25 01:56	
EPA 6010	Calcium	99600	ug/L	1000	05/22/25 01:56	
EPA 6010	Iron	1940	ug/L	100	05/22/25 01:56	
EPA 6010	Magnesium	24200	ug/L	1000	05/22/25 01:56	
EPA 6010	Manganese	86.7	ug/L	10.0	05/22/25 01:56	
EPA 6010	Potassium	2510	ug/L	1000	05/22/25 01:56	
EPA 6010	Sodium	67300	ug/L	1000	05/22/25 01:56	
EPA 6020	Arsenic	1.9	ug/L	1.0	05/18/25 23:47	
EPA 903.1	Radium-226	0.332 ± 0.626 (1.11) C:NA T:82%	pCi/L		06/10/25 17:30	
EPA 904.0	Radium-228	0.0591 ± 0.381 (0.873) C:80% T:82%	pCi/L		06/10/25 14:20	
Total Radium Calculation	Total Radium	0.391 ± 1.01 (1.98)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	266	mg/L	10.0	05/23/25 13:14	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	266	mg/L	10.0	05/23/25 13:14	
SM 2540C	Total Dissolved Solids	541	mg/L	10.0	05/14/25 08:24	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	05/14/25 13:47	H3
SM 5310C	Dissolved Organic Carbon	1.9	mg/L	1.0	05/17/25 01:25	
50401411002	**PZ-100S**					
EPA 9056	Chloride	423	mg/L	25.0	05/22/25 04:38	
EPA 9056	Fluoride	1.4	mg/L	0.10	05/22/25 04:05	
EPA 9056	Sulfate	677	mg/L	25.0	05/22/25 04:38	
EPA 6010	Barium	34.0	ug/L	10.0	05/22/25 01:58	
EPA 6010	Boron	2510	ug/L	100	05/22/25 01:58	
EPA 6010	Calcium	209000	ug/L	2000	05/22/25 02:28	
EPA 6010	Iron	2530	ug/L	100	05/22/25 01:58	
EPA 6010	Lithium	60.5	ug/L	20.0	05/22/25 01:58	
EPA 6010	Magnesium	66400	ug/L	1000	05/22/25 01:58	
EPA 6010	Manganese	378	ug/L	10.0	05/22/25 01:58	
EPA 6010	Molybdenum	128	ug/L	10.0	05/22/25 01:58	
EPA 6010	Potassium	10800	ug/L	1000	05/22/25 01:58	
EPA 6010	Sodium	337000	ug/L	2000	05/22/25 02:28	
EPA 6010	Molybdenum, Dissolved	124	ug/L	10.0	05/20/25 03:23	
EPA 6020	Arsenic	2.8	ug/L	1.0	05/18/25 23:50	
EPA 903.1	Radium-226	0.517 ± 0.484 (0.685) C:NA T:75%	pCi/L		06/10/25 17:42	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401411002	**PZ-100S**					
EPA 904.0	Radium-228	0.875 ± 0.425 (0.729) C:81% T:87%	pCi/L		06/10/25 14:20	
Total Radium Calculation	Total Radium	1.39 ± 0.909 (1.41)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	316	mg/L	10.0	05/23/25 13:14	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	316	mg/L	10.0	05/23/25 13:14	
SM 2540C	Total Dissolved Solids	1960	mg/L	40.0	05/14/25 08:25	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	05/15/25 10:47	H3
SM 5310C	Dissolved Organic Carbon	3.2	mg/L	2.0	05/19/25 12:04	
50401411003	**PZ-100D**					
EPA 9056	Chloride	366	mg/L	25.0	05/22/25 06:02	
EPA 9056	Fluoride	0.67	mg/L	0.10	05/22/25 05:29	
EPA 9056	Sulfate	616	mg/L	25.0	05/22/25 06:02	
EPA 6010	Barium	74.3	ug/L	10.0	05/22/25 02:15	
EPA 6010	Boron	4590	ug/L	100	05/22/25 02:15	
EPA 6010	Calcium	259000	ug/L	2000	05/22/25 02:30	
EPA 6010	Iron	3730	ug/L	100	05/22/25 02:15	
EPA 6010	Lithium	83.5	ug/L	20.0	05/22/25 02:15	
EPA 6010	Magnesium	69800	ug/L	1000	05/22/25 02:15	
EPA 6010	Manganese	211	ug/L	10.0	05/22/25 02:15	
EPA 6010	Molybdenum	99.4	ug/L	10.0	05/22/25 02:15	
EPA 6010	Potassium	11700	ug/L	1000	05/22/25 02:15	
EPA 6010	Sodium	222000	ug/L	2000	05/22/25 02:30	
EPA 6010	Molybdenum, Dissolved	99.2	ug/L	10.0	05/20/25 03:25	
EPA 6020	Arsenic	197	ug/L	1.0	05/19/25 00:01	
EPA 903.1	Radium-226	0.608 ± 0.678 (1.10) C:NA T:90%	pCi/L		06/10/25 17:42	
EPA 904.0	Radium-228	0.864 ± 0.478 (0.874) C:81% T:82%	pCi/L		06/10/25 14:20	
Total Radium Calculation	Total Radium	1.47 ± 1.16 (1.97)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	308	mg/L	10.0	05/23/25 13:14	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	308	mg/L	10.0	05/23/25 13:14	
SM 2540C	Total Dissolved Solids	1770	mg/L	40.0	05/14/25 08:25	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/15/25 10:49	H3
SM 5310C	Dissolved Organic Carbon	2.2	mg/L	2.0	05/19/25 12:09	
50401411004	**DUP 6**					
EPA 9056	Chloride	366	mg/L	25.0	05/22/25 06:52	
EPA 9056	Fluoride	0.65	mg/L	0.10	05/22/25 06:18	
EPA 9056	Sulfate	616	mg/L	25.0	05/22/25 06:52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401411004	**DUP 6**					
EPA 6010	Barium	76.0	ug/L	10.0	05/22/25 02:17	
EPA 6010	Boron	4790	ug/L	100	05/22/25 02:17	
EPA 6010	Calcium	259000	ug/L	2000	05/22/25 02:33	
EPA 6010	Iron	3870	ug/L	100	05/22/25 02:17	
EPA 6010	Lithium	81.0	ug/L	20.0	05/22/25 02:17	
EPA 6010	Magnesium	72800	ug/L	1000	05/22/25 02:17	
EPA 6010	Manganese	220	ug/L	10.0	05/22/25 02:17	
EPA 6010	Molybdenum	101	ug/L	10.0	05/22/25 02:17	
EPA 6010	Potassium	11900	ug/L	1000	05/22/25 02:17	
EPA 6010	Sodium	222000	ug/L	2000	05/22/25 02:33	
EPA 6010	Molybdenum, Dissolved	102	ug/L	10.0	05/20/25 03:27	
EPA 6020	Arsenic	199	ug/L	1.0	05/19/25 00:05	
EPA 903.1	Radium-226	1.05 ± 0.790 (1.13) C:NA T:73%	pCi/L		06/10/25 17:42	
EPA 904.0	Radium-228	1.60 ± 0.553 (0.770) C:78% T:86%	pCi/L		06/10/25 14:20	
Total Radium Calculation	Total Radium	2.65 ± 1.34 (1.90)	pCi/L		06/11/25 09:47	
SM 2320B	Alkalinity, Total as CaCO3	300	mg/L	10.0	05/23/25 13:14	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	300	mg/L	10.0	05/23/25 13:14	
SM 2540C	Total Dissolved Solids	1750	mg/L	40.0	05/14/25 08:25	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/15/25 10:50	H3
SM 5310C	Dissolved Organic Carbon	2.2	mg/L	2.0	05/19/25 12:29	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: MW-109D **Lab ID: 50401411001** Collected: 05/13/25 14:05 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**113**	mg/L	2.5	1.3	10		05/22/25 03:49	16887-00-6	
Fluoride	**0.16**	mg/L	0.10	0.016	1		05/22/25 03:32	16984-48-8	
Sulfate	**68.0**	mg/L	2.5	1.9	10		05/22/25 03:49	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**89.3**	ug/L	10.0	0.68	1	05/20/25 08:06	05/22/25 01:56	7440-39-3	
Boron	**707**	ug/L	100	5.6	1	05/20/25 08:06	05/22/25 01:56	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/20/25 08:06	05/22/25 01:56	7440-43-9	
Calcium	**99600**	ug/L	1000	83.9	1	05/20/25 08:06	05/22/25 01:56	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/20/25 08:06	05/22/25 01:56	7440-47-3	
Iron	**1940**	ug/L	100	41.0	1	05/20/25 08:06	05/22/25 01:56	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/20/25 08:06	05/22/25 01:56	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/20/25 08:06	05/22/25 01:56	7439-93-2	
Magnesium	**24200**	ug/L	1000	53.7	1	05/20/25 08:06	05/22/25 01:56	7439-95-4	
Manganese	**86.7**	ug/L	10.0	0.77	1	05/20/25 08:06	05/22/25 01:56	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/20/25 08:06	05/22/25 01:56	7439-98-7	
Potassium	**2510**	ug/L	1000	113	1	05/20/25 08:06	05/22/25 01:56	7440-09-7	
Sodium	**67300**	ug/L	1000	95.0	1	05/20/25 08:06	05/22/25 01:56	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/18/25 15:29	05/20/25 03:21	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/18/25 15:17	05/18/25 23:47	7440-36-0	
Arsenic	**1.9**	ug/L	1.0	0.080	1	05/18/25 15:17	05/18/25 23:47	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/18/25 15:17	05/18/25 23:47	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/18/25 15:17	05/18/25 23:47	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/18/25 15:17	05/18/25 23:47	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/18/25 15:17	05/18/25 23:47	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 09:52	05/22/25 19:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**266**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Bicarbonate (CaCO3)	**266**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/23/25 13:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: MW-109D **Lab ID: 50401411001** Collected: 05/13/25 14:05 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**541**	mg/L	10.0	10.0	1		05/14/25 08:24		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		05/14/25 13:47		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/14/25 16:11	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.9**	mg/L	1.0	0.30	1		05/17/25 01:25		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: PZ-100S **Lab ID: 50401411002** Collected: 05/13/25 12:05 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**423**	mg/L	25.0	13.0	100		05/22/25 04:38	16887-00-6	
Fluoride	**1.4**	mg/L	0.10	0.016	1		05/22/25 04:05	16984-48-8	
Sulfate	**677**	mg/L	25.0	19.0	100		05/22/25 04:38	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**34.0**	ug/L	10.0	0.68	1	05/20/25 08:06	05/22/25 01:58	7440-39-3	
Boron	**2510**	ug/L	100	5.6	1	05/20/25 08:06	05/22/25 01:58	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/20/25 08:06	05/22/25 01:58	7440-43-9	
Calcium	**209000**	ug/L	2000	168	2	05/20/25 08:06	05/22/25 02:28	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/20/25 08:06	05/22/25 01:58	7440-47-3	
Iron	**2530**	ug/L	100	41.0	1	05/20/25 08:06	05/22/25 01:58	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/20/25 08:06	05/22/25 01:58	7439-92-1	
Lithium	**60.5**	ug/L	20.0	3.8	1	05/20/25 08:06	05/22/25 01:58	7439-93-2	
Magnesium	**66400**	ug/L	1000	53.7	1	05/20/25 08:06	05/22/25 01:58	7439-95-4	
Manganese	**378**	ug/L	10.0	0.77	1	05/20/25 08:06	05/22/25 01:58	7439-96-5	
Molybdenum	**128**	ug/L	10.0	1.4	1	05/20/25 08:06	05/22/25 01:58	7439-98-7	
Potassium	**10800**	ug/L	1000	113	1	05/20/25 08:06	05/22/25 01:58	7440-09-7	
Sodium	**337000**	ug/L	2000	190	2	05/20/25 08:06	05/22/25 02:28	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**124**	ug/L	10.0	1.4	1	05/18/25 15:29	05/20/25 03:23	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/18/25 15:17	05/18/25 23:50	7440-36-0	
Arsenic	**2.8**	ug/L	1.0	0.080	1	05/18/25 15:17	05/18/25 23:50	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/18/25 15:17	05/18/25 23:50	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/18/25 15:17	05/18/25 23:50	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/18/25 15:17	05/18/25 23:50	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/18/25 15:17	05/18/25 23:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 09:52	05/22/25 19:18	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**316**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Bicarbonate (CaCO3)	**316**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/23/25 13:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: PZ-100S **Lab ID: 50401411002** Collected: 05/13/25 12:05 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1960**	mg/L	40.0	40.0	1		05/14/25 08:25		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		05/15/25 10:47		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/14/25 16:00	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.2**	mg/L	2.0	0.60	2		05/19/25 12:04		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: PZ-100D **Lab ID: 50401411003** Collected: 05/13/25 14:00 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**366**	mg/L	25.0	13.0	100		05/22/25 06:02	16887-00-6	
Fluoride	**0.67**	mg/L	0.10	0.016	1		05/22/25 05:29	16984-48-8	
Sulfate	**616**	mg/L	25.0	19.0	100		05/22/25 06:02	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**74.3**	ug/L	10.0	0.68	1	05/20/25 08:06	05/22/25 02:15	7440-39-3	
Boron	**4590**	ug/L	100	5.6	1	05/20/25 08:06	05/22/25 02:15	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/20/25 08:06	05/22/25 02:15	7440-43-9	
Calcium	**259000**	ug/L	2000	168	2	05/20/25 08:06	05/22/25 02:30	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/20/25 08:06	05/22/25 02:15	7440-47-3	
Iron	**3730**	ug/L	100	41.0	1	05/20/25 08:06	05/22/25 02:15	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/20/25 08:06	05/22/25 02:15	7439-92-1	
Lithium	**83.5**	ug/L	20.0	3.8	1	05/20/25 08:06	05/22/25 02:15	7439-93-2	
Magnesium	**69800**	ug/L	1000	53.7	1	05/20/25 08:06	05/22/25 02:15	7439-95-4	
Manganese	**211**	ug/L	10.0	0.77	1	05/20/25 08:06	05/22/25 02:15	7439-96-5	
Molybdenum	**99.4**	ug/L	10.0	1.4	1	05/20/25 08:06	05/22/25 02:15	7439-98-7	
Potassium	**11700**	ug/L	1000	113	1	05/20/25 08:06	05/22/25 02:15	7440-09-7	
Sodium	**222000**	ug/L	2000	190	2	05/20/25 08:06	05/22/25 02:30	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**99.2**	ug/L	10.0	1.4	1	05/18/25 15:29	05/20/25 03:25	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/18/25 15:17	05/19/25 00:01	7440-36-0	
Arsenic	**197**	ug/L	1.0	0.080	1	05/18/25 15:17	05/19/25 00:01	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/18/25 15:17	05/19/25 00:01	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/18/25 15:17	05/19/25 00:01	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/18/25 15:17	05/19/25 00:01	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/18/25 15:17	05/19/25 00:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 09:52	05/22/25 19:21	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**308**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Bicarbonate (CaCO3)	**308**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/23/25 13:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: PZ-100D **Lab ID: 50401411003** Collected: 05/13/25 14:00 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1770**	mg/L	40.0	40.0	1		05/14/25 08:25		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/15/25 10:49		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/14/25 16:07	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.2**	mg/L	2.0	0.60	2		05/19/25 12:09		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: DUP 6 **Lab ID: 50401411004** Collected: 05/13/25 14:00 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**366**	mg/L	25.0	13.0	100		05/22/25 06:52	16887-00-6	
Fluoride	**0.65**	mg/L	0.10	0.016	1		05/22/25 06:18	16984-48-8	
Sulfate	**616**	mg/L	25.0	19.0	100		05/22/25 06:52	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**76.0**	ug/L	10.0	0.68	1	05/20/25 08:06	05/22/25 02:17	7440-39-3	
Boron	**4790**	ug/L	100	5.6	1	05/20/25 08:06	05/22/25 02:17	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/20/25 08:06	05/22/25 02:17	7440-43-9	
Calcium	**259000**	ug/L	2000	168	2	05/20/25 08:06	05/22/25 02:33	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/20/25 08:06	05/22/25 02:17	7440-47-3	
Iron	**3870**	ug/L	100	41.0	1	05/20/25 08:06	05/22/25 02:17	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/20/25 08:06	05/22/25 02:17	7439-92-1	
Lithium	**81.0**	ug/L	20.0	3.8	1	05/20/25 08:06	05/22/25 02:17	7439-93-2	
Magnesium	**72800**	ug/L	1000	53.7	1	05/20/25 08:06	05/22/25 02:17	7439-95-4	
Manganese	**220**	ug/L	10.0	0.77	1	05/20/25 08:06	05/22/25 02:17	7439-96-5	
Molybdenum	**101**	ug/L	10.0	1.4	1	05/20/25 08:06	05/22/25 02:17	7439-98-7	
Potassium	**11900**	ug/L	1000	113	1	05/20/25 08:06	05/22/25 02:17	7440-09-7	
Sodium	**222000**	ug/L	2000	190	2	05/20/25 08:06	05/22/25 02:33	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**102**	ug/L	10.0	1.4	1	05/18/25 15:29	05/20/25 03:27	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/18/25 15:17	05/19/25 00:05	7440-36-0	
Arsenic	**199**	ug/L	1.0	0.080	1	05/18/25 15:17	05/19/25 00:05	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/18/25 15:17	05/19/25 00:05	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/18/25 15:17	05/19/25 00:05	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/18/25 15:17	05/19/25 00:05	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/18/25 15:17	05/19/25 00:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/22/25 09:52	05/22/25 19:23	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**300**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Bicarbonate (CaCO3)	**300**	mg/L	10.0	10.0	1		05/23/25 13:14		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/23/25 13:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: DUP 6 **Lab ID: 50401411004** Collected: 05/13/25 14:00 Received: 05/13/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1750**	mg/L	40.0	40.0	1		05/14/25 08:25		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/15/25 10:50		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/14/25 16:09	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.2**	mg/L	2.0	0.60	2		05/19/25 12:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 844453
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3866999 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/21/25 08:33	
Fluoride	mg/L	ND	0.10	0.016	05/21/25 08:33	
Sulfate	mg/L	ND	0.25	0.19	05/21/25 08:33	

LABORATORY CONTROL SAMPLE: 3867000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	99	80-120	
Fluoride	mg/L	1	0.98	98	80-120	
Sulfate	mg/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3867004 3867005

Parameter	Units	50401172002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	131	25	25	154	154	92	90	80-120	0	15	
Fluoride	mg/L	0.65	1	1	1.6	1.6	91	92	80-120	0	15	
Sulfate	mg/L	66.7	50	50	111	111	90	89	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 845012
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3869399 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/22/25 18:27	

LABORATORY CONTROL SAMPLE: 3869400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3869401 3869402

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	4.7	96	94	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3869403 3869404

Parameter	Units	50401305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	4.8	100	96	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843772
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3863314 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/22/25 00:51	
Boron	ug/L	ND	100	5.6	05/22/25 00:51	
Cadmium	ug/L	ND	2.0	0.46	05/22/25 00:51	
Calcium	ug/L	ND	1000	83.9	05/22/25 00:51	
Chromium	ug/L	ND	10.0	0.96	05/22/25 00:51	
Iron	ug/L	ND	100	41.0	05/22/25 00:51	
Lead	ug/L	ND	10.0	2.0	05/22/25 00:51	
Lithium	ug/L	ND	20.0	3.8	05/22/25 00:51	
Magnesium	ug/L	ND	1000	53.7	05/22/25 00:51	
Manganese	ug/L	ND	10.0	0.77	05/22/25 00:51	
Molybdenum	ug/L	ND	10.0	1.4	05/22/25 00:51	
Potassium	ug/L	ND	1000	113	05/22/25 00:51	
Sodium	ug/L	ND	1000	95.0	05/22/25 00:51	

LABORATORY CONTROL SAMPLE: 3863315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	971	97	80-120	
Cadmium	ug/L	1000	971	97	80-120	
Calcium	ug/L	10000	10200	102	80-120	
Chromium	ug/L	1000	1010	101	80-120	
Iron	ug/L	10000	10000	100	80-120	
Lead	ug/L	1000	940	94	80-120	
Lithium	ug/L	1000	1020	102	80-120	
Magnesium	ug/L	10000	9810	98	80-120	
Manganese	ug/L	1000	969	97	80-120	
Molybdenum	ug/L	1000	1030	103	80-120	
Potassium	ug/L	10000	9720	97	80-120	
Sodium	ug/L	10000	9950	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863316 3863317

Parameter	Units	50401172001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	ND	1000	1000	1070	1060	100	98	75-125	1	20	
Boron	ug/L	1100	1000	1000	2110	2070	101	97	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863316 3863317

Parameter	Units	50401172001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	984	988	98	99	75-125	0	20	
Calcium	ug/L	6210	10000	10000	16300	16000	101	97	75-125	2	20	
Chromium	ug/L	ND	1000	1000	997	982	100	98	75-125	2	20	
Iron	ug/L	ND	10000	10000	10000	9830	100	98	75-125	2	20	
Lead	ug/L	ND	1000	1000	922	927	92	93	75-125	1	20	
Lithium	ug/L	48.3	1000	1000	1040	1030	99	99	75-125	0	20	
Magnesium	ug/L	3700	10000	10000	13200	12900	95	92	75-125	2	20	
Manganese	ug/L	ND	1000	1000	958	941	95	94	75-125	2	20	
Molybdenum	ug/L	ND	1000	1000	1050	1050	105	105	75-125	0	20	
Potassium	ug/L	3390	10000	10000	13000	13100	96	97	75-125	1	20	
Sodium	ug/L	406000	10000	10000	419000	408000	131	23	75-125	3	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843792
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3863441 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/20/25 02:25	

LABORATORY CONTROL SAMPLE: 3863442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1050	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863443 3863444

Parameter	Units	50401333004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	<10.0	1000	1000	1030	1030	103	103	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 844339
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3866667 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/18/25 23:39	
Arsenic	ug/L	ND	1.0	0.080	05/18/25 23:39	
Beryllium	ug/L	ND	0.20	0.026	05/18/25 23:39	
Cobalt	ug/L	ND	1.0	0.045	05/18/25 23:39	
Selenium	ug/L	ND	1.0	0.26	05/18/25 23:39	
Thallium	ug/L	ND	1.0	0.052	05/18/25 23:39	

LABORATORY CONTROL SAMPLE: 3866668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.4	106	80-120	
Arsenic	ug/L	40	39.2	98	80-120	
Beryllium	ug/L	40	43.2	108	80-120	
Cobalt	ug/L	40	41.4	104	80-120	
Selenium	ug/L	40	39.7	99	80-120	
Thallium	ug/L	40	43.4	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866669 3866670

Parameter	Units	50401317003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<1.0	40	40	42.3	42.5	106	106	75-125	0	20	
Arsenic	ug/L	3.2	40	40	41.6	42.0	96	97	75-125	1	20	
Beryllium	ug/L	<0.20	40	40	40.0	40.7	100	102	75-125	2	20	
Cobalt	ug/L	1.4	40	40	39.7	40.2	96	97	75-125	1	20	
Selenium	ug/L	<1.0	40	40	38.6	38.9	96	97	75-125	1	20	
Thallium	ug/L	<1.0	40	40	44.0	43.9	110	110	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 845477 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3871857 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/23/25 13:14	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/23/25 13:14	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/23/25 13:14	

LABORATORY CONTROL SAMPLE: 3871858

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	90-110	

SAMPLE DUPLICATE: 3871859

Parameter	Units	50401604006 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	230	230	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	211	212	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	19.6	18.0	9	20	

SAMPLE DUPLICATE: 3871860

Parameter	Units	50401705004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	925	903	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	925	903	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843540 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3862340 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/14/25 08:23	

LABORATORY CONTROL SAMPLE: 3862341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	285	95	80-120	

SAMPLE DUPLICATE: 3862343

Parameter	Units	50401411001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	541	541	0	10	

SAMPLE DUPLICATE: 3862888

Parameter	Units	50401415023 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	862	846	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843623
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50401411001

SAMPLE DUPLICATE: 3862678

Parameter	Units	50401301015 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.9	6.9	0	2	H3

SAMPLE DUPLICATE: 3862679

Parameter	Units	50401304001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.4	7.4	0	2	H3

SAMPLE DUPLICATE: 3862680

Parameter	Units	50401305001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.2	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843833
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411002, 50401411003, 50401411004

SAMPLE DUPLICATE: 3863725

Parameter	Units	50401411002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.4	0	2	H3

SAMPLE DUPLICATE: 3863726

Parameter	Units	50401495001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.4	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843688 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3862942 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/14/25 15:48	

LABORATORY CONTROL SAMPLE: 3862943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3862944 3862945

Parameter	Units	50401462001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	102	102	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863114 3863115

Parameter	Units	50401511002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	1.3	1	1	2.4	2.4	107	107	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843950
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411001, 50401411002

METHOD BLANK: 3864196 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/16/25 19:32	

LABORATORY CONTROL SAMPLE: 3864197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864198 3864199

Parameter	Units	50400931002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.0	10	10	12.4	12.5	94	95	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864202 3864203

Parameter	Units	50400935002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	11.6	11.3	102	99	80-120	2	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 843954
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401411003, 50401411004

METHOD BLANK: 3864217 Matrix: Water
Associated Lab Samples: 50401411003, 50401411004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/17/25 08:07	

LABORATORY CONTROL SAMPLE: 3864218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3864219 3864220

Parameter	Units	50401304001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.4	10	10	11.1	11.0	97	96	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: MW-109D **Lab ID: 50401411001** Collected: 05/13/25 14:05 Received: 05/13/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.332 ± 0.626 (1.11) C:NA T:82%**	pCi/L	06/10/25 17:30	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.0591 ± 0.381 (0.873) C:80% T:82%**	pCi/L	06/10/25 14:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.391 ± 1.01 (1.98)**	pCi/L	06/11/25 09:47	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: PZ-100S **Lab ID: 50401411002** Collected: 05/13/25 12:05 Received: 05/13/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.517 ± 0.484 (0.685) C:NA T:75%**	pCi/L	06/10/25 17:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.875 ± 0.425 (0.729) C:81% T:87%**	pCi/L	06/10/25 14:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.39 ± 0.909 (1.41)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: PZ-100D **Lab ID: 50401411003** Collected: 05/13/25 14:00 Received: 05/13/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.608 ± 0.678 (1.10) C:NA T:90%**	pCi/L	06/10/25 17:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.864 ± 0.478 (0.874) C:81% T:82%**	pCi/L	06/10/25 14:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.47 ± 1.16 (1.97)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Sample: DUP 6 **Lab ID: 50401411004** Collected: 05/13/25 14:00 Received: 05/13/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.05 ± 0.790 (1.13) C:NA T:73%**	pCi/L	06/10/25 17:42	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.60 ± 0.553 (0.770) C:78% T:86%**	pCi/L	06/10/25 14:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.65 ± 1.34 (1.90)**	pCi/L	06/11/25 09:47	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 747630 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3641334 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.162 ± 0.252 (0.437) C:NA T:97%	pCi/L	06/10/25 17:17	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

QC Batch: 747631 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

METHOD BLANK: 3641339 Matrix: Water
Associated Lab Samples: 50401411001, 50401411002, 50401411003, 50401411004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.917 ± 0.424 (0.710) C:81% T:87%	pCi/L	06/10/25 11:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401411001	**MW-109D**	EPA 9056	844453		
50401411002	**PZ-100S**	EPA 9056	844453		
50401411003	**PZ-100D**	EPA 9056	844453		
50401411004	**DUP 6**	EPA 9056	844453		
50401411001	**MW-109D**	EPA 3010	843772	EPA 6010	845148
50401411002	**PZ-100S**	EPA 3010	843772	EPA 6010	845148
50401411003	**PZ-100D**	EPA 3010	843772	EPA 6010	845148
50401411004	**DUP 6**	EPA 3010	843772	EPA 6010	845148
50401411001	**MW-109D**	EPA 3010	843792	EPA 6010	844641
50401411002	**PZ-100S**	EPA 3010	843792	EPA 6010	844641
50401411003	**PZ-100D**	EPA 3010	843792	EPA 6010	844641
50401411004	**DUP 6**	EPA 3010	843792	EPA 6010	844641
50401411001	**MW-109D**	EPA 200.2	844339	EPA 6020	844403
50401411002	**PZ-100S**	EPA 200.2	844339	EPA 6020	844403
50401411003	**PZ-100D**	EPA 200.2	844339	EPA 6020	844403
50401411004	**DUP 6**	EPA 200.2	844339	EPA 6020	844403
50401411001	**MW-109D**	EPA 7470	845012	EPA 7470	845374
50401411002	**PZ-100S**	EPA 7470	845012	EPA 7470	845374
50401411003	**PZ-100D**	EPA 7470	845012	EPA 7470	845374
50401411004	**DUP 6**	EPA 7470	845012	EPA 7470	845374
50401411001	**MW-109D**	EPA 903.1	747630		
50401411002	**PZ-100S**	EPA 903.1	747630		
50401411003	**PZ-100D**	EPA 903.1	747630		
50401411004	**DUP 6**	EPA 903.1	747630		
50401411001	**MW-109D**	EPA 904.0	747631		
50401411002	**PZ-100S**	EPA 904.0	747631		
50401411003	**PZ-100D**	EPA 904.0	747631		
50401411004	**DUP 6**	EPA 904.0	747631		
50401411001	**MW-109D**	Total Radium Calculation	751279		
50401411002	**PZ-100S**	Total Radium Calculation	751279		
50401411003	**PZ-100D**	Total Radium Calculation	751279		
50401411004	**DUP 6**	Total Radium Calculation	751279		
50401411001	**MW-109D**	SM 2320B	845477		
50401411002	**PZ-100S**	SM 2320B	845477		
50401411003	**PZ-100D**	SM 2320B	845477		
50401411004	**DUP 6**	SM 2320B	845477		
50401411001	**MW-109D**	SM 2540C	843540		
50401411002	**PZ-100S**	SM 2540C	843540		
50401411003	**PZ-100D**	SM 2540C	843540		
50401411004	**DUP 6**	SM 2540C	843540		
50401411001	**MW-109D**	SM 4500-H+B	843623		
50401411002	**PZ-100S**	SM 4500-H+B	843833		
50401411003	**PZ-100D**	SM 4500-H+B	843833		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401411

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401411004	**DUP 6**	SM 4500-H+B	843833		
50401411001	**MW-109D**	EPA 353.2	843688		
50401411002	**PZ-100S**	EPA 353.2	843688		
50401411003	**PZ-100D**	EPA 353.2	843688		
50401411004	**DUP 6**	EPA 353.2	843688		
50401411001	**MW-109D**	SM 5310C	843950		
50401411002	**PZ-100S**	SM 5310C	843950		
50401411003	**PZ-100D**	SM 5310C	843954		
50401411004	**DUP 6**	SM 5310C	843954		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label

WO# : 50401411

50401411

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-109D	GW	Grab	5-13-25	1405			8										001
PZ-100S				1205													002
PZ-100D				1400													003
DUP-6				1400													004

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day / Amanda Sullivan
Signature: Aaron Day / Amanda Sullivan

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	G	-.2	0.3	0.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Aaron Day / ATLAS	5-13-25 / 1600	DD/Pace	5/13/25 16:00	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/13/25 16:59 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I

2. Cooler Temperature(s): (Initial/Corrected) 0.3/0.1

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2 Nitrate	—	(—)
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	—		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			—
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
COC Line Item	WGFU	WGKU BG1U	NaOH (pH>12) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit							
1													1			2	1	2	1	1									WT	✓	✓		
2													↓			↓	↓	↓	↓	↓									↓	↓	↓		
3													↓			↓	↓	↓	↓	↓									↓	↓	↓		
4													↓			↓	↓	↓	↓	↓									↓	↓	↓		
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Dear Mr. Breting:

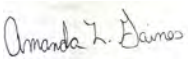
Enclosed are the analytical results for sample(s) received by the laboratory on May 14, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401540001	**MW-107S**	Water	05/14/25 14:05	05/14/25 16:00
50401540002	**MW-107D**	Water	05/14/25 11:35	05/14/25 16:00
50401540003	**MW-110S**	Water	05/14/25 13:15	05/14/25 16:00
50401540004	**MW-102D**	Water	05/14/25 12:35	05/14/25 16:00
50401540005	**DUP 7**	Water	05/14/25 08:00	05/14/25 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401540001	**MW-107S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401540002	**MW-107D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401540003	**MW-110S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401540004	**MW-102D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401540005	**DUP 7**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401540001	**MW-107S**					
EPA 9056	Chloride	144	mg/L	2.5	05/23/25 04:04	
EPA 9056	Fluoride	0.70	mg/L	0.10	05/23/25 03:47	
EPA 9056	Sulfate	775	mg/L	25.0	05/23/25 04:21	
EPA 6010	Barium	15.0	ug/L	10.0	05/21/25 13:37	
EPA 6010	Boron	1970	ug/L	100	05/21/25 13:37	
EPA 6010	Calcium	222000	ug/L	2000	05/21/25 14:45	
EPA 6010	Iron	1710	ug/L	100	05/21/25 13:37	
EPA 6010	Lithium	63.9	ug/L	20.0	05/21/25 13:37	
EPA 6010	Magnesium	81200	ug/L	1000	05/21/25 13:37	
EPA 6010	Manganese	406	ug/L	10.0	05/21/25 13:37	
EPA 6010	Molybdenum	51.6	ug/L	10.0	05/21/25 13:37	
EPA 6010	Potassium	9480	ug/L	1000	05/21/25 13:37	
EPA 6010	Sodium	113000	ug/L	1000	05/21/25 13:37	
EPA 6010	Molybdenum, Dissolved	54.1	ug/L	10.0	05/20/25 04:31	
EPA 903.1	Radium-226	0.277 ± 0.678 (1.21) C:NA T:92%	pCi/L		06/13/25 17:06	
EPA 904.0	Radium-228	0.880 ± 0.423 (0.709) C:84% T:82%	pCi/L		06/13/25 11:03	
Total Radium Calculation	Total Radium	1.16 ± 1.10 (1.92)	pCi/L		06/16/25 16:20	
SM 2320B	Alkalinity, Total as CaCO3	206	mg/L	10.0	05/27/25 21:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	206	mg/L	10.0	05/27/25 21:00	
SM 2540C	Total Dissolved Solids	1580	mg/L	20.0	05/15/25 09:42	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/15/25 11:15	H3
SM 5310C	Dissolved Organic Carbon	1.2	mg/L	1.0	05/28/25 20:54	
50401540002	**MW-107D**					
EPA 9056	Chloride	224	mg/L	2.5	05/23/25 05:30	
EPA 9056	Fluoride	0.44	mg/L	0.10	05/23/25 05:13	
EPA 9056	Sulfate	689	mg/L	25.0	05/23/25 05:47	
EPA 6010	Barium	55.4	ug/L	10.0	05/21/25 13:40	
EPA 6010	Boron	7680	ug/L	100	05/21/25 13:40	
EPA 6010	Calcium	229000	ug/L	2000	05/21/25 14:47	
EPA 6010	Iron	6340	ug/L	100	05/21/25 13:40	
EPA 6010	Lithium	36.2	ug/L	20.0	05/21/25 13:40	
EPA 6010	Magnesium	64400	ug/L	1000	05/21/25 13:40	
EPA 6010	Manganese	382	ug/L	10.0	05/21/25 13:40	
EPA 6010	Molybdenum	67.5	ug/L	10.0	05/21/25 13:40	
EPA 6010	Potassium	9350	ug/L	1000	05/21/25 13:40	
EPA 6010	Sodium	131000	ug/L	1000	05/21/25 13:40	
EPA 6010	Molybdenum, Dissolved	61.8	ug/L	10.0	05/20/25 04:33	
EPA 6020	Arsenic	1.4	ug/L	1.0	05/21/25 09:33	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401540002	**MW-107D**					
EPA 903.1	Radium-226	-0.0566 ± 0.727 (1.39) C:NA T:92%	pCi/L		06/13/25 17:06	
EPA 904.0	Radium-228	1.32 ± 0.476 (0.659) C:79% T:85%	pCi/L		06/13/25 11:03	
Total Radium Calculation	Total Radium	1.32 ± 1.20 (2.05)	pCi/L		06/16/25 16:20	
SM 2320B	Alkalinity, Total as CaCO3	209	mg/L	10.0	05/27/25 21:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	209	mg/L	10.0	05/27/25 21:00	
SM 2540C	Total Dissolved Solids	1570	mg/L	20.0	05/15/25 09:42	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/15/25 11:15	H3
EPA 353.2	Nitrogen, Nitrate	0.12	mg/L	0.10	05/15/25 09:10	
SM 5310C	Dissolved Organic Carbon	2.1	mg/L	2.0	05/30/25 10:56	
50401540003	**MW-110S**					
EPA 9056	Chloride	45.2	mg/L	2.5	05/23/25 06:22	
EPA 9056	Fluoride	0.10	mg/L	0.10	05/23/25 06:05	
EPA 9056	Sulfate	1030	mg/L	25.0	05/23/25 06:39	
EPA 6010	Barium	44.1	ug/L	10.0	05/21/25 13:42	
EPA 6010	Boron	1070	ug/L	100	05/21/25 13:42	
EPA 6010	Calcium	378000	ug/L	2000	05/21/25 14:50	
EPA 6010	Iron	5730	ug/L	100	05/21/25 13:42	
EPA 6010	Lithium	22.5	ug/L	20.0	05/21/25 13:42	
EPA 6010	Magnesium	97000	ug/L	1000	05/21/25 13:42	
EPA 6010	Manganese	1440	ug/L	10.0	05/21/25 13:42	
EPA 6010	Potassium	6940	ug/L	1000	05/21/25 13:42	
EPA 6010	Sodium	59100	ug/L	1000	05/21/25 13:42	
EPA 6020	Arsenic	1.6	ug/L	1.0	05/28/25 09:27	
EPA 6020	Cobalt	3.2	ug/L	1.0	05/21/25 09:44	
EPA 903.1	Radium-226	0.272 ± 0.943 (1.70) C:NA T:90%	pCi/L		06/13/25 17:06	
EPA 904.0	Radium-228	2.57 ± 0.691 (0.723) C:84% T:82%	pCi/L		06/13/25 11:03	
Total Radium Calculation	Total Radium	2.84 ± 1.63 (2.42)	pCi/L		06/16/25 16:20	
SM 2320B	Alkalinity, Total as CaCO3	438	mg/L	10.0	05/27/25 21:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	438	mg/L	10.0	05/27/25 21:00	
SM 2540C	Total Dissolved Solids	2010	mg/L	20.0	05/15/25 09:43	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	05/15/25 11:17	H3
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	1.0	05/29/25 20:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401540004	**MW-102D**					
EPA 9056	Chloride	218	mg/L	2.5	05/23/25 07:13	
EPA 9056	Fluoride	0.20	mg/L	0.10	05/23/25 06:56	
EPA 9056	Sulfate	1040	mg/L	25.0	05/23/25 07:30	
EPA 6010	Barium	51.2	ug/L	10.0	05/21/25 13:44	
EPA 6010	Boron	17800	ug/L	100	05/21/25 13:44	
EPA 6010	Calcium	339000	ug/L	2000	05/21/25 14:52	
EPA 6010	Iron	6970	ug/L	100	05/21/25 13:44	
EPA 6010	Lithium	111	ug/L	20.0	05/21/25 13:44	
EPA 6010	Magnesium	46400	ug/L	1000	05/21/25 13:44	
EPA 6010	Manganese	646	ug/L	10.0	05/21/25 13:44	
EPA 6010	Molybdenum	463	ug/L	10.0	05/21/25 13:44	
EPA 6010	Potassium	13000	ug/L	1000	05/21/25 13:44	
EPA 6010	Sodium	160000	ug/L	1000	05/21/25 13:44	
EPA 6010	Molybdenum, Dissolved	494	ug/L	10.0	05/20/25 04:38	
EPA 6020	Arsenic	51.5	ug/L	1.0	05/28/25 09:42	
EPA 903.1	Radium-226	0.236 ± 0.733 (1.33) C:NA T:94%	pCi/L		06/13/25 17:06	
EPA 904.0	Radium-228	1.81 ± 0.626 (0.918) C:82% T:87%	pCi/L		06/13/25 11:03	
Total Radium Calculation	Total Radium	2.05 ± 1.36 (2.25)	pCi/L		06/16/25 16:20	
SM 2320B	Alkalinity, Total as CaCO3	116	mg/L	10.0	05/27/25 21:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	116	mg/L	10.0	05/27/25 21:00	
SM 2540C	Total Dissolved Solids	2000	mg/L	40.0	05/15/25 09:43	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	05/15/25 11:20	H3
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	05/29/25 20:53	
50401540005	**DUP 7**					
EPA 9056	Chloride	219	mg/L	2.5	05/23/25 09:37	
EPA 9056	Fluoride	0.19	mg/L	0.10	05/23/25 08:22	
EPA 9056	Sulfate	1030	mg/L	25.0	05/23/25 09:53	
EPA 6010	Barium	50.6	ug/L	10.0	05/21/25 13:46	
EPA 6010	Boron	17800	ug/L	100	05/21/25 13:46	
EPA 6010	Calcium	329000	ug/L	2000	05/21/25 14:54	
EPA 6010	Iron	6950	ug/L	100	05/21/25 13:46	
EPA 6010	Lithium	111	ug/L	20.0	05/21/25 13:46	
EPA 6010	Magnesium	46200	ug/L	1000	05/21/25 13:46	
EPA 6010	Manganese	646	ug/L	10.0	05/21/25 13:46	
EPA 6010	Molybdenum	467	ug/L	10.0	05/21/25 13:46	
EPA 6010	Potassium	12900	ug/L	1000	05/21/25 13:46	
EPA 6010	Sodium	158000	ug/L	1000	05/21/25 13:46	
EPA 6010	Molybdenum, Dissolved	485	ug/L	10.0	05/20/25 04:40	
EPA 6020	Arsenic	50.5	ug/L	1.0	05/28/25 09:46	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401540005	**DUP 7**					
EPA 903.1	Radium-226	0.639 ± 0.916 (1.55) C:NA T:91%	pCi/L		06/13/25 17:06	
EPA 904.0	Radium-228	1.39 ± 0.492 (0.692) C:82% T:85%	pCi/L		06/13/25 11:03	
Total Radium Calculation	Total Radium	2.03 ± 1.41 (2.24)	pCi/L		06/16/25 16:20	
SM 2320B	Alkalinity, Total as CaCO3	110	mg/L	10.0	05/27/25 21:00	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	110	mg/L	10.0	05/27/25 21:00	
SM 2540C	Total Dissolved Solids	1930	mg/L	40.0	05/16/25 09:04	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	05/15/25 11:21	H3
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	05/29/25 21:26	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-107S **Lab ID: 50401540001** Collected: 05/14/25 14:05 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**144**	mg/L	2.5	1.3	10		05/23/25 04:04	16887-00-6	
Fluoride	**0.70**	mg/L	0.10	0.016	1		05/23/25 03:47	16984-48-8	
Sulfate	**775**	mg/L	25.0	19.0	100		05/23/25 04:21	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**15.0**	ug/L	10.0	0.68	1	05/18/25 15:45	05/21/25 13:37	7440-39-3	
Boron	**1970**	ug/L	100	5.6	1	05/18/25 15:45	05/21/25 13:37	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:45	05/21/25 13:37	7440-43-9	
Calcium	**222000**	ug/L	2000	168	2	05/18/25 15:45	05/21/25 14:45	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:45	05/21/25 13:37	7440-47-3	
Iron	**1710**	ug/L	100	41.0	1	05/18/25 15:45	05/21/25 13:37	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:45	05/21/25 13:37	7439-92-1	
Lithium	**63.9**	ug/L	20.0	3.8	1	05/18/25 15:45	05/21/25 13:37	7439-93-2	
Magnesium	**81200**	ug/L	1000	53.7	1	05/18/25 15:45	05/21/25 13:37	7439-95-4	
Manganese	**406**	ug/L	10.0	0.77	1	05/18/25 15:45	05/21/25 13:37	7439-96-5	
Molybdenum	**51.6**	ug/L	10.0	1.4	1	05/18/25 15:45	05/21/25 13:37	7439-98-7	
Potassium	**9480**	ug/L	1000	113	1	05/18/25 15:45	05/21/25 13:37	7440-09-7	
Sodium	**113000**	ug/L	1000	95.0	1	05/18/25 15:45	05/21/25 13:37	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**54.1**	ug/L	10.0	1.4	1	05/16/25 08:21	05/20/25 04:31	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/19/25 15:24	05/21/25 09:30	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/19/25 15:24	05/21/25 09:30	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/19/25 15:24	05/28/25 09:20	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/19/25 15:24	05/21/25 09:30	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/19/25 15:24	05/21/25 09:30	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/19/25 15:24	05/21/25 09:30	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/28/25 10:08	05/28/25 18:27	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**206**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Bicarbonate (CaCO3)	**206**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/27/25 21:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-107S **Lab ID: 50401540001** Collected: 05/14/25 14:05 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1580**	mg/L	20.0	20.0	1		05/15/25 09:42		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/15/25 11:15		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/15/25 09:21	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.2**	mg/L	1.0	0.30	1		05/28/25 20:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-107D **Lab ID: 50401540002** Collected: 05/14/25 11:35 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**224**	mg/L	2.5	1.3	10		05/23/25 05:30	16887-00-6	
Fluoride	**0.44**	mg/L	0.10	0.016	1		05/23/25 05:13	16984-48-8	
Sulfate	**689**	mg/L	25.0	19.0	100		05/23/25 05:47	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**55.4**	ug/L	10.0	0.68	1	05/18/25 15:45	05/21/25 13:40	7440-39-3	
Boron	**7680**	ug/L	100	5.6	1	05/18/25 15:45	05/21/25 13:40	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:45	05/21/25 13:40	7440-43-9	
Calcium	**229000**	ug/L	2000	168	2	05/18/25 15:45	05/21/25 14:47	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:45	05/21/25 13:40	7440-47-3	
Iron	**6340**	ug/L	100	41.0	1	05/18/25 15:45	05/21/25 13:40	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:45	05/21/25 13:40	7439-92-1	
Lithium	**36.2**	ug/L	20.0	3.8	1	05/18/25 15:45	05/21/25 13:40	7439-93-2	
Magnesium	**64400**	ug/L	1000	53.7	1	05/18/25 15:45	05/21/25 13:40	7439-95-4	
Manganese	**382**	ug/L	10.0	0.77	1	05/18/25 15:45	05/21/25 13:40	7439-96-5	
Molybdenum	**67.5**	ug/L	10.0	1.4	1	05/18/25 15:45	05/21/25 13:40	7439-98-7	
Potassium	**9350**	ug/L	1000	113	1	05/18/25 15:45	05/21/25 13:40	7440-09-7	
Sodium	**131000**	ug/L	1000	95.0	1	05/18/25 15:45	05/21/25 13:40	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**61.8**	ug/L	10.0	1.4	1	05/16/25 08:21	05/20/25 04:33	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/19/25 15:24	05/21/25 09:33	7440-36-0	
Arsenic	**1.4**	ug/L	1.0	0.080	1	05/19/25 15:24	05/21/25 09:33	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/19/25 15:24	05/28/25 09:24	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/19/25 15:24	05/21/25 09:33	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/19/25 15:24	05/21/25 09:33	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/19/25 15:24	05/21/25 09:33	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/28/25 10:08	05/28/25 18:30	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**209**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Bicarbonate (CaCO3)	**209**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/27/25 21:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-107D **Lab ID: 50401540002** Collected: 05/14/25 11:35 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1570**	mg/L	20.0	20.0	1		05/15/25 09:42		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/15/25 11:15		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.12**	mg/L	0.10	0.013	1		05/15/25 09:10	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.1**	mg/L	2.0	0.60	2		05/30/25 10:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-110S **Lab ID: 50401540003** Collected: 05/14/25 13:15 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**45.2**	mg/L	2.5	1.3	10		05/23/25 06:22	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.016	1		05/23/25 06:05	16984-48-8	
Sulfate	**1030**	mg/L	25.0	19.0	100		05/23/25 06:39	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**44.1**	ug/L	10.0	0.68	1	05/18/25 15:45	05/21/25 13:42	7440-39-3	
Boron	**1070**	ug/L	100	5.6	1	05/18/25 15:45	05/21/25 13:42	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:45	05/21/25 13:42	7440-43-9	
Calcium	**378000**	ug/L	2000	168	2	05/18/25 15:45	05/21/25 14:50	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:45	05/21/25 13:42	7440-47-3	
Iron	**5730**	ug/L	100	41.0	1	05/18/25 15:45	05/21/25 13:42	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:45	05/21/25 13:42	7439-92-1	
Lithium	**22.5**	ug/L	20.0	3.8	1	05/18/25 15:45	05/21/25 13:42	7439-93-2	
Magnesium	**97000**	ug/L	1000	53.7	1	05/18/25 15:45	05/21/25 13:42	7439-95-4	
Manganese	**1440**	ug/L	10.0	0.77	1	05/18/25 15:45	05/21/25 13:42	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/18/25 15:45	05/21/25 13:42	7439-98-7	
Potassium	**6940**	ug/L	1000	113	1	05/18/25 15:45	05/21/25 13:42	7440-09-7	
Sodium	**59100**	ug/L	1000	95.0	1	05/18/25 15:45	05/21/25 13:42	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/16/25 08:21	05/20/25 04:35	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/19/25 15:24	05/21/25 09:44	7440-36-0	
Arsenic	**1.6**	ug/L	1.0	0.080	1	05/19/25 15:24	05/28/25 09:27	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/19/25 15:24	05/28/25 09:27	7440-41-7	
Cobalt	**3.2**	ug/L	1.0	0.045	1	05/19/25 15:24	05/21/25 09:44	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/19/25 15:24	05/28/25 09:27	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/19/25 15:24	05/21/25 09:44	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/28/25 10:08	05/28/25 18:32	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**438**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Bicarbonate (CaCO3)	**438**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/27/25 21:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-110S **Lab ID: 50401540003** Collected: 05/14/25 13:15 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2010**	mg/L	20.0	20.0	1		05/15/25 09:43		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		05/15/25 11:17		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/15/25 09:19	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	1.0	0.30	1		05/29/25 20:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-102D **Lab ID: 50401540004** Collected: 05/14/25 12:35 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**218**	mg/L	2.5	1.3	10		05/23/25 07:13	16887-00-6	
Fluoride	**0.20**	mg/L	0.10	0.016	1		05/23/25 06:56	16984-48-8	
Sulfate	**1040**	mg/L	25.0	19.0	100		05/23/25 07:30	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**51.2**	ug/L	10.0	0.68	1	05/18/25 15:45	05/21/25 13:44	7440-39-3	
Boron	**17800**	ug/L	100	5.6	1	05/18/25 15:45	05/21/25 13:44	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:45	05/21/25 13:44	7440-43-9	
Calcium	**339000**	ug/L	2000	168	2	05/18/25 15:45	05/21/25 14:52	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:45	05/21/25 13:44	7440-47-3	
Iron	**6970**	ug/L	100	41.0	1	05/18/25 15:45	05/21/25 13:44	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:45	05/21/25 13:44	7439-92-1	
Lithium	**111**	ug/L	20.0	3.8	1	05/18/25 15:45	05/21/25 13:44	7439-93-2	
Magnesium	**46400**	ug/L	1000	53.7	1	05/18/25 15:45	05/21/25 13:44	7439-95-4	
Manganese	**646**	ug/L	10.0	0.77	1	05/18/25 15:45	05/21/25 13:44	7439-96-5	
Molybdenum	**463**	ug/L	10.0	1.4	1	05/18/25 15:45	05/21/25 13:44	7439-98-7	
Potassium	**13000**	ug/L	1000	113	1	05/18/25 15:45	05/21/25 13:44	7440-09-7	
Sodium	**160000**	ug/L	1000	95.0	1	05/18/25 15:45	05/21/25 13:44	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**494**	ug/L	10.0	1.4	1	05/16/25 08:21	05/20/25 04:38	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/19/25 15:24	05/21/25 09:48	7440-36-0	
Arsenic	**51.5**	ug/L	1.0	0.080	1	05/19/25 15:24	05/28/25 09:42	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/19/25 15:24	05/28/25 09:42	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/19/25 15:24	05/21/25 09:48	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/19/25 15:24	05/28/25 09:42	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/19/25 15:24	05/21/25 09:48	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/28/25 10:08	05/28/25 18:42	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**116**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Bicarbonate (CaCO3)	**116**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/27/25 21:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-102D **Lab ID: 50401540004** Collected: 05/14/25 12:35 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2000**	mg/L	40.0	40.0	1		05/15/25 09:43		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		05/15/25 11:20		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/15/25 09:17	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.30	1		05/29/25 20:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: DUP 7 **Lab ID: 50401540005** Collected: 05/14/25 08:00 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**219**	mg/L	2.5	1.3	10		05/23/25 09:37	16887-00-6	
Fluoride	**0.19**	mg/L	0.10	0.016	1		05/23/25 08:22	16984-48-8	
Sulfate	**1030**	mg/L	25.0	19.0	100		05/23/25 09:53	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**50.6**	ug/L	10.0	0.68	1	05/18/25 15:45	05/21/25 13:46	7440-39-3	
Boron	**17800**	ug/L	100	5.6	1	05/18/25 15:45	05/21/25 13:46	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/18/25 15:45	05/21/25 13:46	7440-43-9	
Calcium	**329000**	ug/L	2000	168	2	05/18/25 15:45	05/21/25 14:54	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/18/25 15:45	05/21/25 13:46	7440-47-3	
Iron	**6950**	ug/L	100	41.0	1	05/18/25 15:45	05/21/25 13:46	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/18/25 15:45	05/21/25 13:46	7439-92-1	
Lithium	**111**	ug/L	20.0	3.8	1	05/18/25 15:45	05/21/25 13:46	7439-93-2	
Magnesium	**46200**	ug/L	1000	53.7	1	05/18/25 15:45	05/21/25 13:46	7439-95-4	
Manganese	**646**	ug/L	10.0	0.77	1	05/18/25 15:45	05/21/25 13:46	7439-96-5	
Molybdenum	**467**	ug/L	10.0	1.4	1	05/18/25 15:45	05/21/25 13:46	7439-98-7	
Potassium	**12900**	ug/L	1000	113	1	05/18/25 15:45	05/21/25 13:46	7440-09-7	
Sodium	**158000**	ug/L	1000	95.0	1	05/18/25 15:45	05/21/25 13:46	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**485**	ug/L	10.0	1.4	1	05/16/25 08:21	05/20/25 04:40	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/19/25 15:24	05/21/25 09:52	7440-36-0	
Arsenic	**50.5**	ug/L	1.0	0.080	1	05/19/25 15:24	05/28/25 09:46	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/19/25 15:24	05/28/25 09:46	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/19/25 15:24	05/21/25 09:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/19/25 15:24	05/28/25 09:46	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/19/25 15:24	05/21/25 09:52	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/28/25 10:08	05/28/25 18:44	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**110**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Bicarbonate (CaCO3)	**110**	mg/L	10.0	10.0	1		05/27/25 21:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/27/25 21:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: DUP 7 **Lab ID: 50401540005** Collected: 05/14/25 08:00 Received: 05/14/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1930**	mg/L	40.0	40.0	1		05/16/25 09:04		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		05/15/25 11:21		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/15/25 09:08	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.30	1		05/29/25 21:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 844722 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3867972 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/22/25 16:02	
Fluoride	mg/L	ND	0.10	0.016	05/22/25 16:02	
Sulfate	mg/L	ND	0.25	0.19	05/22/25 16:02	

LABORATORY CONTROL SAMPLE: 3867973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.4	96	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	4.9	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3867974 3867975

Parameter	Units	50400639010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	79.2	25	25	101	101	88	86	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.1	1.1	101	102	80-120	1	15	
Sulfate	mg/L	207	50	50	249	248	83	82	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 845879
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3873766 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/28/25 17:41	

LABORATORY CONTROL SAMPLE: 3873767

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.2	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3873768 3873769

Parameter	Units	50400639010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	5.1	100	102	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 843777
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3863345 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/21/25 12:42	
Boron	ug/L	ND	100	5.6	05/21/25 12:42	
Cadmium	ug/L	ND	2.0	0.46	05/21/25 12:42	
Calcium	ug/L	ND	1000	83.9	05/21/25 12:42	
Chromium	ug/L	ND	10.0	0.96	05/21/25 12:42	
Iron	ug/L	ND	100	41.0	05/21/25 12:42	
Lead	ug/L	ND	10.0	2.0	05/21/25 12:42	
Lithium	ug/L	ND	20.0	3.8	05/21/25 12:42	
Magnesium	ug/L	ND	1000	53.7	05/21/25 12:42	
Manganese	ug/L	ND	10.0	0.77	05/21/25 12:42	
Molybdenum	ug/L	ND	10.0	1.4	05/21/25 12:42	
Potassium	ug/L	ND	1000	113	05/21/25 12:42	
Sodium	ug/L	ND	1000	95.0	05/21/25 12:42	

LABORATORY CONTROL SAMPLE: 3863346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	967	97	80-120	
Boron	ug/L	1000	919	92	80-120	
Cadmium	ug/L	1000	965	96	80-120	
Calcium	ug/L	10000	9770	98	80-120	
Chromium	ug/L	1000	964	96	80-120	
Iron	ug/L	10000	9540	95	80-120	
Lead	ug/L	1000	940	94	80-120	
Lithium	ug/L	1000	962	96	80-120	
Magnesium	ug/L	10000	9300	93	80-120	
Manganese	ug/L	1000	937	94	80-120	
Molybdenum	ug/L	1000	1010	101	80-120	
Potassium	ug/L	10000	9460	95	80-120	
Sodium	ug/L	10000	9580	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863347 3863348

Parameter	Units	50401495001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	74.2	1000	1000	1030	1020	96	94	75-125	1	20	
Boron	ug/L	439	1000	1000	1380	1380	94	94	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863347 3863348

Parameter	Units	50401495001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	963	950	96	95	75-125	1	20	
Calcium	ug/L	112000	10000	10000	120000	121000	82	88	75-125	1	20	
Chromium	ug/L	ND	1000	1000	948	951	95	95	75-125	0	20	
Iron	ug/L	218	10000	10000	9550	9490	93	93	75-125	1	20	
Lead	ug/L	ND	1000	1000	917	903	92	90	75-125	2	20	
Lithium	ug/L	ND	1000	1000	952	937	95	94	75-125	2	20	
Magnesium	ug/L	28300	10000	10000	36900	37100	86	87	75-125	0	20	
Manganese	ug/L	18.5	1000	1000	933	928	91	91	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	1010	1000	101	100	75-125	1	20	
Potassium	ug/L	ND	10000	10000	10100	9920	94	92	75-125	2	20	
Sodium	ug/L	13100	10000	10000	22700	22500	95	93	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 843795
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3863453 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/20/25 03:36	

LABORATORY CONTROL SAMPLE: 3863454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1000	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863455 3863456

Parameter	Units	50401495001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1040	1030	104	103	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 844397
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3866826 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/21/25 08:09	
Arsenic	ug/L	ND	1.0	0.080	05/21/25 08:09	
Beryllium	ug/L	ND	0.20	0.026	05/21/25 08:09	
Cobalt	ug/L	ND	1.0	0.045	05/21/25 08:09	
Selenium	ug/L	ND	1.0	0.26	05/21/25 08:09	
Thallium	ug/L	ND	1.0	0.052	05/21/25 08:09	

LABORATORY CONTROL SAMPLE: 3866827

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.0	105	80-120	
Arsenic	ug/L	40	38.4	96	80-120	
Beryllium	ug/L	40	43.9	110	80-120	
Cobalt	ug/L	40	42.5	106	80-120	
Selenium	ug/L	40	39.4	99	80-120	
Thallium	ug/L	40	41.4	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866828 3866829

Parameter	Units	50401495001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.1	41.6	103	104	75-125	1	20	
Arsenic	ug/L	ND	40	40	37.5	38.1	93	95	75-125	1	20	
Beryllium	ug/L	ND	40	40	41.4	40.5	103	101	75-125	2	20	
Cobalt	ug/L	ND	40	40	40.4	40.5	100	100	75-125	0	20	
Selenium	ug/L	2.8	40	40	40.3	40.3	94	94	75-125	0	20	
Thallium	ug/L	ND	40	40	41.6	43.1	104	108	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 845959 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3874192 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/27/25 21:00	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/27/25 21:00	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/27/25 21:00	

LABORATORY CONTROL SAMPLE: 3874193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	90-110	

SAMPLE DUPLICATE: 3874194

Parameter	Units	50401883001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	536	529	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	536	529	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3874195

Parameter	Units	50401883002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	504	507	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	504	507	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 843816 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004

METHOD BLANK: 3863625 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/15/25 09:35	

LABORATORY CONTROL SAMPLE: 3863626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	284	95	80-120	

SAMPLE DUPLICATE: 3863627

Parameter	Units	50401482015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	780	790	1	10	

SAMPLE DUPLICATE: 3863628

Parameter	Units	50401495001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	452	451	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 844067
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540005

METHOD BLANK: 3865004 Matrix: Water
Associated Lab Samples: 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/16/25 09:03	

LABORATORY CONTROL SAMPLE: 3865005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	280	93	80-120	

SAMPLE DUPLICATE: 3865006

Parameter	Units	50401604009 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	330	332	1	10	

SAMPLE DUPLICATE: 3865007

Parameter	Units	50401542011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1160	1160	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 843833
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

SAMPLE DUPLICATE: 3863725

Parameter	Units	50401411002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.4	0	2	H3

SAMPLE DUPLICATE: 3863726

Parameter	Units	50401495001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.4	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 843823
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3863658 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/15/25 08:42	

LABORATORY CONTROL SAMPLE: 3863659

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3863660 3863661

Parameter	Units	50401518001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	11.8	10	10	22.6	22.7	107	108	90-110	0	20	

MATRIX SPIKE SAMPLE: 3863662

Parameter	Units	50401518002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	0.16	1	1.0	88	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 845925
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540001

METHOD BLANK: 3874049 Matrix: Water
Associated Lab Samples: 50401540001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/28/25 15:26	

LABORATORY CONTROL SAMPLE: 3874050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874051 3874052

Parameter	Units	50401495001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	10.6	10.7	98	100	80-120	2	15	

MATRIX SPIKE SAMPLE: 3874053

Parameter	Units	50401495002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.6	10	11.4	98	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 845927
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3874064 Matrix: Water
Associated Lab Samples: 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/29/25 20:08	

LABORATORY CONTROL SAMPLE: 3874065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874066 3874067

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	12.1	12.1	108	108	80-120	0	15	

MATRIX SPIKE SAMPLE: 3874068

Parameter	Units	50401668004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	8.6	10	18.4	98	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-107S **Lab ID: 50401540001** Collected: 05/14/25 14:05 Received: 05/14/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.277 ± 0.678 (1.21) C:NA T:92%**	pCi/L	06/13/25 17:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.880 ± 0.423 (0.709) C:84% T:82%**	pCi/L	06/13/25 11:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.16 ± 1.10 (1.92)**	pCi/L	06/16/25 16:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-107D **Lab ID: 50401540002** Collected: 05/14/25 11:35 Received: 05/14/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0566 ± 0.727 (1.39) C:NA T:92%**	pCi/L	06/13/25 17:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.32 ± 0.476 (0.659) C:79% T:85%**	pCi/L	06/13/25 11:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.32 ± 1.20 (2.05)**	pCi/L	06/16/25 16:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-110S **Lab ID: 50401540003** Collected: 05/14/25 13:15 Received: 05/14/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.272 ± 0.943 (1.70) C:NA T:90%**	pCi/L	06/13/25 17:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**2.57 ± 0.691 (0.723) C:84% T:82%**	pCi/L	06/13/25 11:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.84 ± 1.63 (2.42)**	pCi/L	06/16/25 16:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: MW-102D **Lab ID: 50401540004** Collected: 05/14/25 12:35 Received: 05/14/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.236 ± 0.733 (1.33) C:NA T:94%**	pCi/L	06/13/25 17:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.81 ± 0.626 (0.918) C:82% T:87%**	pCi/L	06/13/25 11:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.05 ± 1.36 (2.25)**	pCi/L	06/16/25 16:20	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Sample: DUP 7 **Lab ID: 50401540005** Collected: 05/14/25 08:00 Received: 05/14/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.639 ± 0.916 (1.55) C:NA T:91%**	pCi/L	06/13/25 17:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.39 ± 0.492 (0.692) C:82% T:85%**	pCi/L	06/13/25 11:03	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.03 ± 1.41 (2.24)**	pCi/L	06/16/25 16:20	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 748021 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3643529 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0406 ± 0.308 (0.610) C:NA T:96%	pCi/L	06/13/25 17:06	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

QC Batch: 748022 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

METHOD BLANK: 3643531 Matrix: Water
Associated Lab Samples: 50401540001, 50401540002, 50401540003, 50401540004, 50401540005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.730 ± 0.368 (0.634) C:86% T:86%	pCi/L	06/13/25 11:03	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401540001	**MW-107S**	EPA 9056	844722		
50401540002	**MW-107D**	EPA 9056	844722		
50401540003	**MW-110S**	EPA 9056	844722		
50401540004	**MW-102D**	EPA 9056	844722		
50401540005	**DUP 7**	EPA 9056	844722		
50401540001	**MW-107S**	EPA 3010	843777	EPA 6010	845014
50401540002	**MW-107D**	EPA 3010	843777	EPA 6010	845014
50401540003	**MW-110S**	EPA 3010	843777	EPA 6010	845014
50401540004	**MW-102D**	EPA 3010	843777	EPA 6010	845014
50401540005	**DUP 7**	EPA 3010	843777	EPA 6010	845014
50401540001	**MW-107S**	EPA 3010	843795	EPA 6010	844642
50401540002	**MW-107D**	EPA 3010	843795	EPA 6010	844642
50401540003	**MW-110S**	EPA 3010	843795	EPA 6010	844642
50401540004	**MW-102D**	EPA 3010	843795	EPA 6010	844642
50401540005	**DUP 7**	EPA 3010	843795	EPA 6010	844642
50401540001	**MW-107S**	EPA 200.2	844397	EPA 6020	844638
50401540002	**MW-107D**	EPA 200.2	844397	EPA 6020	844638
50401540003	**MW-110S**	EPA 200.2	844397	EPA 6020	844638
50401540004	**MW-102D**	EPA 200.2	844397	EPA 6020	844638
50401540005	**DUP 7**	EPA 200.2	844397	EPA 6020	844638
50401540001	**MW-107S**	EPA 7470	845879	EPA 7470	846261
50401540002	**MW-107D**	EPA 7470	845879	EPA 7470	846261
50401540003	**MW-110S**	EPA 7470	845879	EPA 7470	846261
50401540004	**MW-102D**	EPA 7470	845879	EPA 7470	846261
50401540005	**DUP 7**	EPA 7470	845879	EPA 7470	846261
50401540001	**MW-107S**	EPA 903.1	748021		
50401540002	**MW-107D**	EPA 903.1	748021		
50401540003	**MW-110S**	EPA 903.1	748021		
50401540004	**MW-102D**	EPA 903.1	748021		
50401540005	**DUP 7**	EPA 903.1	748021		
50401540001	**MW-107S**	EPA 904.0	748022		
50401540002	**MW-107D**	EPA 904.0	748022		
50401540003	**MW-110S**	EPA 904.0	748022		
50401540004	**MW-102D**	EPA 904.0	748022		
50401540005	**DUP 7**	EPA 904.0	748022		
50401540001	**MW-107S**	Total Radium Calculation	752297		
50401540002	**MW-107D**	Total Radium Calculation	752297		
50401540003	**MW-110S**	Total Radium Calculation	752297		
50401540004	**MW-102D**	Total Radium Calculation	752297		
50401540005	**DUP 7**	Total Radium Calculation	752297		
50401540001	**MW-107S**	SM 2320B	845959		
50401540002	**MW-107D**	SM 2320B	845959		
50401540003	**MW-110S**	SM 2320B	845959		
50401540004	**MW-102D**	SM 2320B	845959		
50401540005	**DUP 7**	SM 2320B	845959		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401540

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401540001	**MW-107S**	SM 2540C	843816		
50401540002	**MW-107D**	SM 2540C	843816		
50401540003	**MW-110S**	SM 2540C	843816		
50401540004	**MW-102D**	SM 2540C	843816		
50401540005	**DUP 7**	SM 2540C	844067		
50401540001	**MW-107S**	SM 4500-H+B	843833		
50401540002	**MW-107D**	SM 4500-H+B	843833		
50401540003	**MW-110S**	SM 4500-H+B	843833		
50401540004	**MW-102D**	SM 4500-H+B	843833		
50401540005	**DUP 7**	SM 4500-H+B	843833		
50401540001	**MW-107S**	EPA 353.2	843823		
50401540002	**MW-107D**	EPA 353.2	843823		
50401540003	**MW-110S**	EPA 353.2	843823		
50401540004	**MW-102D**	EPA 353.2	843823		
50401540005	**DUP 7**	EPA 353.2	843823		
50401540001	**MW-107S**	SM 5310C	845925		
50401540002	**MW-107D**	SM 5310C	845927		
50401540003	**MW-110S**	SM 5310C	845927		
50401540004	**MW-102D**	SM 5310C	845927		
50401540005	**DUP 7**	SM 5310C	845927		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50401540

50401540

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-107S			5/14/25	1405			8										001
MW-107D				1135													002
MW-110S				1315													003
MW-102D				1235													004
DUP-7				—													005

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
		See SCNR			

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	5/14/25 1600	Pace	5/14/25 16:00	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 6 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: IBM 5/14/25

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B (C) D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 3.8/3.7 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate/Nitrite	X	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		X
Custody Signatures Present?	X	
Containers Intact?:	X	
Sample Label (IDs/Dates/Times) Match COC? Except TCs, which only require sample ID	X	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	X		

	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			No VOA Vials Sent X
Trip Blank Present?		X	
Trip Blank Custody Seals?			X
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER						Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
			MeOH (DNW)																											Red	Yellow	Green	Black
			SBS																														
			DI																														
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													1			2	1	2	1	1									SL				
2													↓			↓	↓	↓	↓	↓									↓				
3																																	
4																																	
5													↓			↓	↓	↓	↓	↓									↓				
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Dear Mr. Breting:

Enclosed are the analytical results for sample(s) received by the laboratory on May 15, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401668001	**MW-104D**	Water	05/15/25 11:00	05/15/25 16:00
50401668002	**MW-104D MS**	Water	05/15/25 11:00	05/15/25 16:00
50401668003	**MW-104D MSD**	Water	05/15/25 11:00	05/15/25 16:00
50401668004	**MW-103S**	Water	05/15/25 10:00	05/15/25 16:00
50401668005	**MW-103I**	Water	05/15/25 13:05	05/15/25 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401668001	**MW-104D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401668002	**MW-104D MS**	EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
50401668003	**MW-104D MSD**	EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
50401668004	**MW-103S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401668005	**MW-103I**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401668001	**MW-104D**					
EPA 9056	Chloride	218	mg/L	2.5	05/28/25 02:17	
EPA 9056	Fluoride	0.16	mg/L	0.10	05/28/25 02:00	
EPA 9056	Sulfate	640	mg/L	25.0	05/28/25 02:34	
EPA 6010	Barium	52.2	ug/L	10.0	05/29/25 00:16	
EPA 6010	Boron	3110	ug/L	100	05/29/25 00:16	
EPA 6010	Calcium	272000	ug/L	2000	05/29/25 01:25	
EPA 6010	Iron	2710	ug/L	100	05/29/25 00:16	
EPA 6010	Lithium	53.8	ug/L	20.0	05/29/25 00:16	
EPA 6010	Magnesium	78700	ug/L	1000	05/29/25 00:16	
EPA 6010	Manganese	667	ug/L	10.0	05/29/25 00:16	
EPA 6010	Molybdenum	26.1	ug/L	10.0	05/29/25 00:16	
EPA 6010	Potassium	13000	ug/L	1000	05/29/25 00:16	
EPA 6010	Sodium	144000	ug/L	1000	05/29/25 00:16	
EPA 6010	Molybdenum, Dissolved	29.4	ug/L	10.0	05/23/25 12:12	
EPA 6020	Arsenic	1.9	ug/L	1.0	05/22/25 08:39	
EPA 6020	Cobalt	1.0	ug/L	1.0	05/22/25 08:39	
EPA 6020	Selenium	1.8	ug/L	1.0	05/22/25 08:39	
EPA 903.1	Radium-226	0.962 ± 0.687 (1.03) C:NA T:91%	pCi/L		06/17/25 14:32	
EPA 904.0	Radium-228	0.636 ± 0.446 (0.863) C:79% T:87%	pCi/L		06/16/25 15:21	
Total Radium Calculation	Total Radium	1.60 ± 1.13 (1.89)	pCi/L		06/18/25 16:11	
SM 2320B	Alkalinity, Total as CaCO3	369	mg/L	10.0	05/28/25 13:11	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	369	mg/L	10.0	05/28/25 13:11	
SM 2540C	Total Dissolved Solids	1600	mg/L	20.0	05/21/25 10:19	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	05/19/25 14:44	H3
50401668002	**MW-104D MS**					
EPA 903.1	Radium-226	72.13 %REC ± NA (NA) C:NA T:NA	pCi/L		06/17/25 14:32	
EPA 904.0	Radium-228	89.86 %REC ± NA (NA) C:NA T:NA	pCi/L		06/16/25 15:21	
50401668003	**MW-104D MSD**					
EPA 903.1	Radium-226	86.98 %REC 18.66RPD ± NA (NA) C:NA T:NA	pCi/L		06/17/25 14:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401668003	**MW-104D MSD**					
EPA 904.0	Radium-228	70.88 %REC 23.61RPD ± NA (NA) C:NA T:NA	pCi/L		06/16/25 15:21	
50401668004	**MW-103S**					
EPA 9056	Chloride	69.2	mg/L	2.5	05/29/25 14:57	
EPA 9056	Fluoride	0.23	mg/L	0.10	05/29/25 14:41	
EPA 9056	Sulfate	387	mg/L	2.5	05/29/25 14:57	
EPA 6010	Barium	66.0	ug/L	10.0	05/29/25 00:29	
EPA 6010	Boron	906	ug/L	100	05/29/25 00:29	
EPA 6010	Calcium	279000	ug/L	2000	05/29/25 01:37	
EPA 6010	Iron	20200	ug/L	100	05/29/25 00:29	
EPA 6010	Magnesium	80000	ug/L	1000	05/29/25 00:29	
EPA 6010	Manganese	345	ug/L	10.0	05/29/25 00:29	
EPA 6010	Molybdenum	24.0	ug/L	10.0	05/29/25 00:29	
EPA 6010	Potassium	2120	ug/L	1000	05/29/25 00:29	
EPA 6010	Sodium	48100	ug/L	1000	05/29/25 00:29	
EPA 6010	Molybdenum, Dissolved	25.1	ug/L	10.0	05/23/25 12:23	
EPA 6020	Arsenic	30.1	ug/L	1.0	05/22/25 09:04	
EPA 6020	Cobalt	1.9	ug/L	1.0	05/22/25 09:04	
EPA 903.1	Radium-226	0.179 ± 0.629 (1.16) C:NA T:85%	pCi/L		06/17/25 14:44	
EPA 904.0	Radium-228	0.173 ± 0.524 (1.18) C:54% T:86%	pCi/L		06/16/25 15:21	
Total Radium Calculation	Total Radium	0.352 ± 1.15 (2.34)	pCi/L		06/18/25 16:11	
SM 2320B	Alkalinity, Total as CaCO3	641	mg/L	10.0	05/29/25 10:47	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	641	mg/L	10.0	05/29/25 10:47	
SM 2540C	Total Dissolved Solids	1250	mg/L	20.0	05/21/25 10:20	
SM 4500-H+B	pH at 25 Degrees C	6.9	Std. Units	0.10	05/19/25 14:46	H3
SM 5310C	Dissolved Organic Carbon	8.6	mg/L	1.0	05/29/25 23:56	
50401668005	**MW-103I**					
EPA 9056	Chloride	217	mg/L	25.0	05/28/25 10:24	
EPA 9056	Fluoride	0.20	mg/L	0.10	05/28/25 05:55	
EPA 9056	Sulfate	40.6	mg/L	0.25	05/28/25 05:55	
EPA 6010	Barium	352	ug/L	10.0	05/29/25 00:31	
EPA 6010	Boron	346	ug/L	100	05/29/25 00:31	
EPA 6010	Calcium	110000	ug/L	1000	05/29/25 00:31	
EPA 6010	Iron	1910	ug/L	100	05/29/25 00:31	
EPA 6010	Magnesium	34600	ug/L	1000	05/29/25 00:31	
EPA 6010	Manganese	353	ug/L	10.0	05/29/25 00:31	
EPA 6010	Potassium	11300	ug/L	1000	05/29/25 00:31	
EPA 6010	Sodium	97900	ug/L	1000	05/29/25 00:31	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401668005	**MW-103I**					
EPA 903.1	Radium-226	1.87 ± 0.886 (1.09) C:NA T:89%	pCi/L		06/17/25 14:44	
EPA 904.0	Radium-228	0.918 ± 0.468 (0.813) C:78% T:84%	pCi/L		06/16/25 15:21	
Total Radium Calculation	Total Radium	2.79 ± 1.35 (1.90)	pCi/L		06/18/25 16:11	
SM 2320B	Alkalinity, Total as CaCO3	309	mg/L	10.0	05/29/25 10:47	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	309	mg/L	10.0	05/29/25 10:47	
SM 2540C	Total Dissolved Solids	680	mg/L	20.0	05/21/25 10:20	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/19/25 14:47	H3
SM 5310C	Dissolved Organic Carbon	6.0	mg/L	5.0	05/30/25 11:38	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-104D **Lab ID: 50401668001** Collected: 05/15/25 11:00 Received: 05/15/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**218**	mg/L	2.5	1.3	10		05/28/25 02:17	16887-00-6	
Fluoride	**0.16**	mg/L	0.10	0.016	1		05/28/25 02:00	16984-48-8	
Sulfate	**640**	mg/L	25.0	19.0	100		05/28/25 02:34	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**52.2**	ug/L	10.0	0.68	1	05/26/25 16:00	05/29/25 00:16	7440-39-3	
Boron	**3110**	ug/L	100	5.6	1	05/26/25 16:00	05/29/25 00:16	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/26/25 16:00	05/29/25 00:16	7440-43-9	
Calcium	**272000**	ug/L	2000	168	2	05/26/25 16:00	05/29/25 01:25	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/26/25 16:00	05/29/25 00:16	7440-47-3	
Iron	**2710**	ug/L	100	41.0	1	05/26/25 16:00	05/29/25 00:16	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/26/25 16:00	05/29/25 00:16	7439-92-1	
Lithium	**53.8**	ug/L	20.0	3.8	1	05/26/25 16:00	05/29/25 00:16	7439-93-2	
Magnesium	**78700**	ug/L	1000	53.7	1	05/26/25 16:00	05/29/25 00:16	7439-95-4	
Manganese	**667**	ug/L	10.0	0.77	1	05/26/25 16:00	05/29/25 00:16	7439-96-5	
Molybdenum	**26.1**	ug/L	10.0	1.4	1	05/26/25 16:00	05/29/25 00:16	7439-98-7	
Potassium	**13000**	ug/L	1000	113	1	05/26/25 16:00	05/29/25 00:16	7440-09-7	
Sodium	**144000**	ug/L	1000	95.0	1	05/26/25 16:00	05/29/25 00:16	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**29.4**	ug/L	10.0	1.4	1	05/22/25 16:01	05/23/25 12:12	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/21/25 15:17	05/22/25 08:39	7440-36-0	
Arsenic	**1.9**	ug/L	1.0	0.080	1	05/21/25 15:17	05/22/25 08:39	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/21/25 15:17	05/22/25 08:39	7440-41-7	
Cobalt	**1.0**	ug/L	1.0	0.045	1	05/21/25 15:17	05/22/25 08:39	7440-48-4	
Selenium	**1.8**	ug/L	1.0	0.26	1	05/21/25 15:17	05/22/25 08:39	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/21/25 15:17	05/22/25 08:39	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/29/25 19:50	05/30/25 10:13	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**369**	mg/L	10.0	10.0	1		05/28/25 13:11		
Alkalinity,Bicarbonate (CaCO3)	**369**	mg/L	10.0	10.0	1		05/28/25 13:11		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/28/25 13:11		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-104D **Lab ID: 50401668001** Collected: 05/15/25 11:00 Received: 05/15/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1600**	mg/L	20.0	20.0	1		05/21/25 10:19		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		05/19/25 14:44		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/16/25 10:23	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		05/30/25 11:27		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-103S **Lab ID: 50401668004** Collected: 05/15/25 10:00 Received: 05/15/25 16:00 Matrix: Water

Comments: • Upon receipt at the laboratory, 2.5 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH<2 for radiochemistry analysis, where the method requires preservation, in water. The samples were preserved pH <2 within the required 5 days of collection (EPA 815-R-05-004).

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056								
	Pace Analytical Services - Indianapolis								
Chloride	**69.2**	mg/L	2.5	1.3	10		05/29/25 14:57	16887-00-6	
Fluoride	**0.23**	mg/L	0.10	0.016	1		05/29/25 14:41	16984-48-8	
Sulfate	**387**	mg/L	2.5	1.9	10		05/29/25 14:57	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Barium	**66.0**	ug/L	10.0	0.68	1	05/26/25 16:00	05/29/25 00:29	7440-39-3	
Boron	**906**	ug/L	100	5.6	1	05/26/25 16:00	05/29/25 00:29	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/26/25 16:00	05/29/25 00:29	7440-43-9	
Calcium	**279000**	ug/L	2000	168	2	05/26/25 16:00	05/29/25 01:37	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/26/25 16:00	05/29/25 00:29	7440-47-3	
Iron	**20200**	ug/L	100	41.0	1	05/26/25 16:00	05/29/25 00:29	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/26/25 16:00	05/29/25 00:29	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/26/25 16:00	05/29/25 00:29	7439-93-2	
Magnesium	**80000**	ug/L	1000	53.7	1	05/26/25 16:00	05/29/25 00:29	7439-95-4	
Manganese	**345**	ug/L	10.0	0.77	1	05/26/25 16:00	05/29/25 00:29	7439-96-5	
Molybdenum	**24.0**	ug/L	10.0	1.4	1	05/26/25 16:00	05/29/25 00:29	7439-98-7	
Potassium	**2120**	ug/L	1000	113	1	05/26/25 16:00	05/29/25 00:29	7440-09-7	
Sodium	**48100**	ug/L	1000	95.0	1	05/26/25 16:00	05/29/25 00:29	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**25.1**	ug/L	10.0	1.4	1	05/22/25 16:01	05/23/25 12:23	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2								
	Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/21/25 15:17	05/22/25 09:04	7440-36-0	
Arsenic	**30.1**	ug/L	1.0	0.080	1	05/21/25 15:17	05/22/25 09:04	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/21/25 15:17	05/22/25 09:04	7440-41-7	
Cobalt	**1.9**	ug/L	1.0	0.045	1	05/21/25 15:17	05/22/25 09:04	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/21/25 15:17	05/22/25 09:04	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/21/25 15:17	05/22/25 09:04	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/29/25 19:50	05/30/25 10:25	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B								
	Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**641**	mg/L	10.0	10.0	1		05/29/25 10:47		
Alkalinity,Bicarbonate (CaCO3)	**641**	mg/L	10.0	10.0	1		05/29/25 10:47		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/29/25 10:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-103S **Lab ID: 50401668004** Collected: 05/15/25 10:00 Received: 05/15/25 16:00 Matrix: Water

Comments: • Upon receipt at the laboratory, 2.5 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH<2 for radiochemistry analysis, where the method requires preservation, in water. The samples were preserved pH <2 within the required 5 days of collection (EPA 815-R-05-004).

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1250**	mg/L	20.0	20.0	1		05/21/25 10:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**6.9**	Std. Units	0.10	0.10	1		05/19/25 14:46		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/16/25 10:21	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**8.6**	mg/L	1.0	0.30	1		05/29/25 23:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-103I **Lab ID: 50401668005** Collected: 05/15/25 13:05 Received: 05/15/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**217**	mg/L	25.0	13.0	100		05/28/25 10:24	16887-00-6	
Fluoride	**0.20**	mg/L	0.10	0.016	1		05/28/25 05:55	16984-48-8	
Sulfate	**40.6**	mg/L	0.25	0.19	1		05/28/25 05:55	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**352**	ug/L	10.0	0.68	1	05/26/25 16:00	05/29/25 00:31	7440-39-3	
Boron	**346**	ug/L	100	5.6	1	05/26/25 16:00	05/29/25 00:31	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/26/25 16:00	05/29/25 00:31	7440-43-9	
Calcium	**110000**	ug/L	1000	83.9	1	05/26/25 16:00	05/29/25 00:31	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/26/25 16:00	05/29/25 00:31	7440-47-3	
Iron	**1910**	ug/L	100	41.0	1	05/26/25 16:00	05/29/25 00:31	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/26/25 16:00	05/29/25 00:31	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/26/25 16:00	05/29/25 00:31	7439-93-2	
Magnesium	**34600**	ug/L	1000	53.7	1	05/26/25 16:00	05/29/25 00:31	7439-95-4	
Manganese	**353**	ug/L	10.0	0.77	1	05/26/25 16:00	05/29/25 00:31	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/26/25 16:00	05/29/25 00:31	7439-98-7	
Potassium	**11300**	ug/L	1000	113	1	05/26/25 16:00	05/29/25 00:31	7440-09-7	
Sodium	**97900**	ug/L	1000	95.0	1	05/26/25 16:00	05/29/25 00:31	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/22/25 16:01	05/23/25 12:25	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/21/25 15:17	05/22/25 09:08	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/21/25 15:17	05/22/25 09:08	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/21/25 15:17	05/22/25 09:08	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/21/25 15:17	05/22/25 09:08	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/21/25 15:17	05/22/25 09:08	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/21/25 15:17	05/22/25 09:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/29/25 19:50	05/30/25 10:28	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**309**	mg/L	10.0	10.0	1		05/29/25 10:47		
Alkalinity,Bicarbonate (CaCO3)	**309**	mg/L	10.0	10.0	1		05/29/25 10:47		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/29/25 10:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-103I **Lab ID: 50401668005** Collected: 05/15/25 13:05 Received: 05/15/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**680**	mg/L	20.0	20.0	1		05/21/25 10:20		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/19/25 14:47		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/16/25 10:29	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**6.0**	mg/L	5.0	1.5	5		05/30/25 11:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 845256
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3870642 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/27/25 18:55	
Fluoride	mg/L	ND	0.10	0.016	05/27/25 18:55	
Sulfate	mg/L	ND	0.25	0.19	05/27/25 18:55	

LABORATORY CONTROL SAMPLE: 3870643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.6	105	80-120	
Fluoride	mg/L	1	1.0	103	80-120	
Sulfate	mg/L	5	5.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870644 3870645

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	218	25	25	236	236	72	72	80-120	0	15	M0
Fluoride	mg/L	0.16	1	1	1.0	1.1	89	89	80-120	0	15	
Sulfate	mg/L	640	500	500	1070	1060	85	84	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 846291
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3875563 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	05/30/25 10:03	

LABORATORY CONTROL SAMPLE: 3875564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875565 3875566

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	4.9	96	98	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 844372
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3866756 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/29/25 01:23	
Boron	ug/L	ND	100	5.6	05/29/25 01:23	
Cadmium	ug/L	ND	2.0	0.46	05/29/25 01:23	
Calcium	ug/L	ND	1000	83.9	05/29/25 01:23	
Chromium	ug/L	ND	10.0	0.96	05/29/25 01:23	
Iron	ug/L	ND	100	41.0	05/29/25 01:23	
Lead	ug/L	ND	10.0	2.0	05/29/25 01:23	
Lithium	ug/L	ND	20.0	3.8	05/29/25 01:23	
Magnesium	ug/L	ND	1000	53.7	05/29/25 01:23	
Manganese	ug/L	ND	10.0	0.77	05/29/25 01:23	
Molybdenum	ug/L	ND	10.0	1.4	05/29/25 01:23	
Potassium	ug/L	ND	1000	113	05/29/25 01:23	
Sodium	ug/L	ND	1000	95.0	05/29/25 01:23	

LABORATORY CONTROL SAMPLE: 3866757

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	986	99	80-120	
Boron	ug/L	1000	948	95	80-120	
Cadmium	ug/L	1000	969	97	80-120	
Calcium	ug/L	10000	9980	100	80-120	
Chromium	ug/L	1000	985	99	80-120	
Iron	ug/L	10000	9750	98	80-120	
Lead	ug/L	1000	942	94	80-120	
Lithium	ug/L	1000	1020	102	80-120	
Magnesium	ug/L	10000	9590	96	80-120	
Manganese	ug/L	1000	953	95	80-120	
Molybdenum	ug/L	1000	1010	101	80-120	
Potassium	ug/L	10000	9730	97	80-120	
Sodium	ug/L	10000	9700	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866758 3866759

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	52.2	1000	1000	1060	1040	101	98	75-125	2	20	
Boron	ug/L	3110	1000	1000	4150	4170	104	105	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866758 3866759

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	998	984	100	98	75-125	1	20	
Calcium	ug/L	272000	10000	10000	278000	281000	57	91	75-125	1	20	P6
Chromium	ug/L	ND	1000	1000	997	978	100	98	75-125	2	20	
Iron	ug/L	2710	10000	10000	12400	12400	97	97	75-125	0	20	
Lead	ug/L	ND	1000	1000	919	905	92	90	75-125	1	20	
Lithium	ug/L	53.8	1000	1000	1100	1070	104	102	75-125	2	20	
Magnesium	ug/L	78700	10000	10000	87800	87600	91	89	75-125	0	20	
Manganese	ug/L	667	1000	1000	1610	1610	94	95	75-125	0	20	
Molybdenum	ug/L	26.1	1000	1000	1080	1060	105	104	75-125	1	20	
Potassium	ug/L	13000	10000	10000	23500	22800	106	98	75-125	3	20	
Sodium	ug/L	144000	10000	10000	157000	153000	128	90	75-125	2	20	P6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866760 3866761

Parameter	Units	50401751003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	506	5000	5000	5440	5380	99	97	75-125	1	20	
Boron	ug/L	ND	5000	5000	5190	5310	98	101	75-125	2	20	
Cadmium	ug/L	ND	5000	5000	4780	4790	96	96	75-125	0	20	
Calcium	ug/L	376000	50000	50000	420000	423000	89	94	75-125	1	20	
Chromium	ug/L	79.6	5000	5000	4890	4890	96	96	75-125	0	20	
Iron	ug/L	89700	50000	50000	136000	135000	93	90	75-125	1	20	
Lead	ug/L	ND	5000	5000	4510	4510	90	90	75-125	0	20	
Lithium	ug/L	ND	5000	5000	5090	5060	100	99	75-125	1	20	
Magnesium	ug/L	143000	50000	50000	188000	190000	91	95	75-125	1	20	
Manganese	ug/L	2210	5000	5000	6770	6880	91	93	75-125	2	20	
Molybdenum	ug/L	ND	5000	5000	5010	5030	100	100	75-125	0	20	
Potassium	ug/L	25200	50000	50000	78900	76500	107	103	75-125	3	20	
Sodium	ug/L	1040000	50000	50000	1090000	1080000	103	79	75-125	1	20	E

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 844878
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3868742 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/23/25 12:08	

LABORATORY CONTROL SAMPLE: 3868743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1040	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868744 3868745

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	29.4	1000	1000	1090	1090	106	106	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 844815
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3868441 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/22/25 07:34	
Arsenic	ug/L	ND	1.0	0.080	05/22/25 07:34	
Beryllium	ug/L	ND	0.20	0.026	05/22/25 07:34	
Cobalt	ug/L	ND	1.0	0.045	05/22/25 07:34	
Selenium	ug/L	ND	1.0	0.26	05/22/25 07:34	
Thallium	ug/L	ND	1.0	0.052	05/22/25 07:34	

LABORATORY CONTROL SAMPLE: 3868442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.4	104	80-120	
Arsenic	ug/L	40	38.6	97	80-120	
Beryllium	ug/L	40	41.4	103	80-120	
Cobalt	ug/L	40	41.3	103	80-120	
Selenium	ug/L	40	39.6	99	80-120	
Thallium	ug/L	40	41.7	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868443 3868444

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	42.0	105	105	75-125	0	20	
Arsenic	ug/L	1.9	40	40	39.9	40.1	95	95	75-125	1	20	
Beryllium	ug/L	ND	40	40	42.8	43.8	107	110	75-125	2	20	
Cobalt	ug/L	1.0	40	40	37.9	38.8	92	94	75-125	2	20	
Selenium	ug/L	1.8	40	40	39.9	39.8	95	95	75-125	0	20	
Thallium	ug/L	ND	40	40	42.5	43.1	106	108	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 846054
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001

METHOD BLANK: 3874674 Matrix: Water
Associated Lab Samples: 50401668001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/28/25 13:11	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/28/25 13:11	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/28/25 13:11	

LABORATORY CONTROL SAMPLE: 3874675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	46.7	93	90-110	

SAMPLE DUPLICATE: 3874676

Parameter	Units	50401660003 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	653	661	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	653	661	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3874677

Parameter	Units	50401668001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	369	366	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	369	366	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 846322
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668004, 50401668005

METHOD BLANK: 3875816 Matrix: Water
Associated Lab Samples: 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/29/25 10:47	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/29/25 10:47	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/29/25 10:47	

LABORATORY CONTROL SAMPLE: 3875817

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.0	100	90-110	

SAMPLE DUPLICATE: 3875818

Parameter	Units	50401762027 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	124	125	1	20	H1
Alkalinity,Bicarbonate (CaCO3)	mg/L	124	125	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3875819

Parameter	Units	50401762009 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	153	153	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	153	153	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 844924 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3868892 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/21/25 10:12	

LABORATORY CONTROL SAMPLE: 3868893

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	277	92	80-120	

SAMPLE DUPLICATE: 3868894

Parameter	Units	50401660011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1430	1390	3	10	

SAMPLE DUPLICATE: 3868895

Parameter	Units	50401668001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1600	1600	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 844441
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

SAMPLE DUPLICATE: 3866951

Parameter	Units	50401668001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3866994

Parameter	Units	50401852002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.7	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 844078
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3865130 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/16/25 09:37	

LABORATORY CONTROL SAMPLE: 3865131

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.1	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3865132 3865133

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.1	1.1	106	106	90-110	1	20	

MATRIX SPIKE SAMPLE: 3865134

Parameter	Units	50401668005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	105	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 845927
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401668001, 50401668004, 50401668005

METHOD BLANK: 3874064 Matrix: Water
Associated Lab Samples: 50401668001, 50401668004, 50401668005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/29/25 20:08	

LABORATORY CONTROL SAMPLE: 3874065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874066 3874067

Parameter	Units	50401668001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	12.1	12.1	108	108	80-120	0	15	

MATRIX SPIKE SAMPLE: 3874068

Parameter	Units	50401668004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	8.6	10	18.4	98	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-104D **Lab ID: 50401668001** Collected: 05/15/25 11:00 Received: 05/15/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.962 ± 0.687 (1.03) C:NA T:91%**	pCi/L	06/17/25 14:32	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.636 ± 0.446 (0.863) C:79% T:87%**	pCi/L	06/16/25 15:21	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.60 ± 1.13 (1.89)**	pCi/L	06/18/25 16:11	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-104D MS **Lab ID: 50401668002** Collected: 05/15/25 11:00 Received: 05/15/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**72.13 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/17/25 14:32	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**89.86 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/16/25 15:21	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-104D MSD **Lab ID: 50401668003** Collected: 05/15/25 11:00 Received: 05/15/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**86.98 %REC 18.66RPD ± NA (NA) C:NA T:NA**	pCi/L	06/17/25 14:32	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**70.88 %REC 23.61RPD ± NA (NA) C:NA T:NA**	pCi/L	06/16/25 15:21	15262-20-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-103S **Lab ID: 50401668004** Collected: 05/15/25 10:00 Received: 05/15/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Comments: • Upon receipt at the laboratory, 2.5 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH<2 for radiochemistry analysis, where the method requires preservation, in water. The samples were preserved pH <2 within the required 5 days of collection (EPA 815-R-05-004).

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.179 ± 0.629 (1.16) C:NA T:85%**	pCi/L	06/17/25 14:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.173 ± 0.524 (1.18) C:54% T:86%**	pCi/L	06/16/25 15:21	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.352 ± 1.15 (2.34)**	pCi/L	06/18/25 16:11	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Sample: MW-103I **Lab ID: 50401668005** Collected: 05/15/25 13:05 Received: 05/15/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.87 ± 0.886 (1.09) C:NA T:89%**	pCi/L	06/17/25 14:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.918 ± 0.468 (0.813) C:78% T:84%**	pCi/L	06/16/25 15:21	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.79 ± 1.35 (1.90)**	pCi/L	06/18/25 16:11	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 748069 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401668001, 50401668002, 50401668003, 50401668004, 50401668005

METHOD BLANK: 3643719 Matrix: Water
Associated Lab Samples: 50401668001, 50401668002, 50401668003, 50401668004, 50401668005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.186 ± 0.325 (0.711) C:78% T:88%	pCi/L	06/16/25 11:48	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

QC Batch: 748068
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401668001, 50401668002, 50401668003, 50401668004, 50401668005

METHOD BLANK: 3643718 Matrix: Water
Associated Lab Samples: 50401668001, 50401668002, 50401668003, 50401668004, 50401668005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.133 ± 0.314 (0.581) C:NA T:97%	pCi/L	06/17/25 14:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H1	Analysis conducted outside the recognized method holding time.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401668001	**MW-104D**	EPA 9056	845256		
50401668004	**MW-103S**	EPA 9056	845256		
50401668005	**MW-103I**	EPA 9056	845256		
50401668001	**MW-104D**	EPA 3010	844372	EPA 6010	846310
50401668004	**MW-103S**	EPA 3010	844372	EPA 6010	846310
50401668005	**MW-103I**	EPA 3010	844372	EPA 6010	846310
50401668001	**MW-104D**	EPA 3010	844878	EPA 6010	845503
50401668004	**MW-103S**	EPA 3010	844878	EPA 6010	845503
50401668005	**MW-103I**	EPA 3010	844878	EPA 6010	845503
50401668001	**MW-104D**	EPA 200.2	844815	EPA 6020	845142
50401668004	**MW-103S**	EPA 200.2	844815	EPA 6020	845142
50401668005	**MW-103I**	EPA 200.2	844815	EPA 6020	845142
50401668001	**MW-104D**	EPA 7470	846291	EPA 7470	846617
50401668004	**MW-103S**	EPA 7470	846291	EPA 7470	846617
50401668005	**MW-103I**	EPA 7470	846291	EPA 7470	846617
50401668001	**MW-104D**	EPA 903.1	748068		
50401668002	**MW-104D MS**	EPA 903.1	748068		
50401668003	**MW-104D MSD**	EPA 903.1	748068		
50401668004	**MW-103S**	EPA 903.1	748068		
50401668005	**MW-103I**	EPA 903.1	748068		
50401668001	**MW-104D**	EPA 904.0	748069		
50401668002	**MW-104D MS**	EPA 904.0	748069		
50401668003	**MW-104D MSD**	EPA 904.0	748069		
50401668004	**MW-103S**	EPA 904.0	748069		
50401668005	**MW-103I**	EPA 904.0	748069		
50401668001	**MW-104D**	Total Radium Calculation	752886		
50401668004	**MW-103S**	Total Radium Calculation	752886		
50401668005	**MW-103I**	Total Radium Calculation	752886		
50401668001	**MW-104D**	SM 2320B	846054		
50401668004	**MW-103S**	SM 2320B	846322		
50401668005	**MW-103I**	SM 2320B	846322		
50401668001	**MW-104D**	SM 2540C	844924		
50401668004	**MW-103S**	SM 2540C	844924		
50401668005	**MW-103I**	SM 2540C	844924		
50401668001	**MW-104D**	SM 4500-H+B	844441		
50401668004	**MW-103S**	SM 4500-H+B	844441		
50401668005	**MW-103I**	SM 4500-H+B	844441		
50401668001	**MW-104D**	EPA 353.2	844078		
50401668004	**MW-103S**	EPA 353.2	844078		
50401668005	**MW-103I**	EPA 353.2	844078		
50401668001	**MW-104D**	SM 5310C	845927		
50401668004	**MW-103S**	SM 5310C	845927		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401668

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401668005	**MW-103I**	SM 5310C	845927		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50401668

50401668

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA				Sample Comment
MW-104D	GW	G	5/15/25	1100						1	1	1	1	1	1	1				
MS-4				1100																
MSD-4				1100																
MW-103S				1000																
MW-103I				1305																

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Aaron Day
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	C	SEE SUM			

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	5/15/25 1600		5/15/25 1650	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 5 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: NTL 3/5/25 1640

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 2.5/2.4 | 5.9/5.8 | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap ~~Bubble Bags~~ None Other _____

4. Ice Type: ~~Wet~~ Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS ~~Client~~ Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: ~~Yes~~ No

(If yes)Seals Intact: ~~Yes~~ No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		–
Short Hold Time Analysis (48 hours or less)? Analysis: NO_3	–	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1645	
Rush TAT Requested (4 days or less):		–
Custody Signatures Present?	–	
Containers Intact?:	–	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	–	
Comments:		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: ~~HNO3~~ (<2) ~~H2SO4~~ (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	–		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A –
Residual Chlorine Check (Total/Amenable/Free Cyanide)			–
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent –
Trip Blank Present?		–	
Trip Blank Custody Seals?:			–
Extra labels on Terracore Vials? (soils only)			

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

									AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
			MeOH (Grey)																														
			SBS																														
			DI																														
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit				HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													1			2	1	3	1	1									W	✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl. Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic	NT3U	Non Teflon 250mL unpreserved plastic
BP1N	1L HNO3 plastic	BP4U	125mL unpreserved plastic
BP1S	1L H2SO4 plastic	BP4N	125mL HNO3 plastic
BP1U	1L unpreserved plastic	BP4S	125mL H2SO4 plastic
BP1Z	1L NaOH, Zn, Ac		
BP2N	500mL HNO3 plastic		
BP2C	500mL NaOH plastic		
BP2S	500mL H2SO4 plastic		
BP2U	500mL unpreserved plastic		
BP2Z	500mL NaOH, Zn Ac		
BP3B	250mL NaOH plastic		
BP3N	250mL HNO3 plastic		
BP3F	250mL HNO3 plastic-field filtered		
BP3U	250mL unpreserved plastic		
BP3S	250mL H2SO4 plastic		
BP3Z	250mL NaOH, ZnAc plastic		

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Dear Mr. Breting:

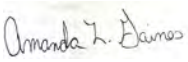
Enclosed are the analytical results for sample(s) received by the laboratory on May 16, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50401852001	**MW-105S**	Water	05/16/25 11:52	05/16/25 15:00
50401852002	**MW-103D**	Water	05/16/25 10:45	05/16/25 15:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50401852001	**MW-105S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50401852002	**MW-103D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	GC	1	PASI-I
		EPA 6020	CAW	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401852001	**MW-105S**					
EPA 9056	Chloride	163	mg/L	2.5	05/30/25 00:48	
EPA 9056	Fluoride	0.35	mg/L	0.10	05/30/25 00:31	
EPA 9056	Sulfate	1280	mg/L	25.0	05/30/25 01:05	
EPA 6010	Barium	30.2	ug/L	10.0	05/27/25 15:10	
EPA 6010	Boron	27600	ug/L	100	05/27/25 15:10	
EPA 6010	Calcium	374000	ug/L	3000	05/27/25 15:43	
EPA 6010	Iron	9250	ug/L	100	05/27/25 15:10	
EPA 6010	Lithium	337	ug/L	20.0	05/27/25 15:10	
EPA 6010	Magnesium	101000	ug/L	1000	05/27/25 15:10	
EPA 6010	Manganese	184	ug/L	10.0	05/27/25 15:10	
EPA 6010	Molybdenum	77.5	ug/L	10.0	05/27/25 15:10	
EPA 6010	Potassium	18100	ug/L	1000	05/27/25 15:10	
EPA 6010	Sodium	172000	ug/L	1000	05/27/25 15:10	
EPA 6010	Molybdenum, Dissolved	79.2	ug/L	10.0	05/29/25 23:00	
EPA 6020	Arsenic	6.3	ug/L	1.0	05/22/25 20:01	
EPA 903.1	Radium-226	0.938 ± 0.735 (1.10) C:NA T:95%	pCi/L		06/17/25 14:44	
EPA 904.0	Radium-228	0.600 ± 0.415 (0.796) C:76% T:91%	pCi/L		06/16/25 15:21	
Total Radium Calculation	Total Radium	1.54 ± 1.15 (1.90)	pCi/L		06/18/25 16:11	
SM 2320B	Alkalinity, Total as CaCO3	258	mg/L	10.0	05/29/25 10:43	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	258	mg/L	10.0	05/29/25 10:43	
SM 2540C	Total Dissolved Solids	2420	mg/L	40.0	05/21/25 11:49	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	05/19/25 15:00	H3
EPA 353.2	Nitrogen, Nitrate	0.84	mg/L	0.10	05/17/25 10:06	
SM 5310C	Dissolved Organic Carbon	1.5	mg/L	1.0	05/31/25 17:54	
50401852002	**MW-103D**					
EPA 9056	Chloride	248	mg/L	25.0	05/30/25 02:31	
EPA 9056	Fluoride	0.14	mg/L	0.10	05/30/25 01:56	
EPA 9056	Sulfate	4.5	mg/L	0.25	05/30/25 01:56	
EPA 6010	Barium	406	ug/L	10.0	05/27/25 15:12	
EPA 6010	Boron	450	ug/L	100	05/27/25 15:12	
EPA 6010	Calcium	96500	ug/L	1000	05/27/25 15:12	
EPA 6010	Iron	2250	ug/L	100	05/27/25 15:12	
EPA 6010	Magnesium	33700	ug/L	1000	05/27/25 15:12	
EPA 6010	Manganese	133	ug/L	10.0	05/27/25 15:12	
EPA 6010	Potassium	6610	ug/L	1000	05/27/25 15:12	
EPA 6010	Sodium	105000	ug/L	1000	05/27/25 15:12	
EPA 903.1	Radium-226	0.465 ± 0.561 (0.923) C:NA T:96%	pCi/L		06/17/25 14:44	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50401852002	**MW-103D**					
EPA 904.0	Radium-228	0.723 ± 0.479 (0.904) C:73% T:88%	pCi/L		06/16/25 15:22	
Total Radium Calculation	Total Radium	1.19 ± 1.04 (1.83)	pCi/L		06/18/25 16:11	
SM 2320B	Alkalinity, Total as CaCO3	286	mg/L	10.0	05/29/25 10:43	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	286	mg/L	10.0	05/29/25 10:43	
SM 2540C	Total Dissolved Solids	750	mg/L	20.0	05/21/25 11:49	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	05/19/25 15:01	H3
SM 5310C	Dissolved Organic Carbon	4.6	mg/L	3.0	06/02/25 16:44	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Sample: MW-105S **Lab ID: 50401852001** Collected: 05/16/25 11:52 Received: 05/16/25 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**163**	mg/L	2.5	1.3	10		05/30/25 00:48	16887-00-6	
Fluoride	**0.35**	mg/L	0.10	0.016	1		05/30/25 00:31	16984-48-8	
Sulfate	**1280**	mg/L	25.0	19.0	100		05/30/25 01:05	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.2**	ug/L	10.0	0.68	1	05/26/25 16:25	05/27/25 15:10	7440-39-3	
Boron	**27600**	ug/L	100	5.6	1	05/26/25 16:25	05/27/25 15:10	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/26/25 16:25	05/27/25 15:10	7440-43-9	
Calcium	**374000**	ug/L	3000	252	3	05/26/25 16:25	05/27/25 15:43	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/26/25 16:25	05/27/25 15:10	7440-47-3	
Iron	**9250**	ug/L	100	41.0	1	05/26/25 16:25	05/27/25 15:10	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/26/25 16:25	05/27/25 15:10	7439-92-1	
Lithium	**337**	ug/L	20.0	3.8	1	05/26/25 16:25	05/27/25 15:10	7439-93-2	
Magnesium	**101000**	ug/L	1000	53.7	1	05/26/25 16:25	05/27/25 15:10	7439-95-4	
Manganese	**184**	ug/L	10.0	0.77	1	05/26/25 16:25	05/27/25 15:10	7439-96-5	
Molybdenum	**77.5**	ug/L	10.0	1.4	1	05/26/25 16:25	05/27/25 15:10	7439-98-7	
Potassium	**18100**	ug/L	1000	113	1	05/26/25 16:25	05/27/25 15:10	7440-09-7	
Sodium	**172000**	ug/L	1000	95.0	1	05/26/25 16:25	05/27/25 15:10	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**79.2**	ug/L	10.0	1.4	1	05/28/25 15:47	05/29/25 23:00	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/21/25 16:42	05/22/25 20:01	7440-36-0	
Arsenic	**6.3**	ug/L	1.0	0.080	1	05/21/25 16:42	05/22/25 20:01	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/21/25 16:42	05/22/25 20:01	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/21/25 16:42	05/22/25 20:01	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/21/25 16:42	05/22/25 20:01	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/21/25 16:42	05/22/25 20:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/30/25 11:29	06/01/25 22:49	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**258**	mg/L	10.0	10.0	1		05/29/25 10:43		
Alkalinity,Bicarbonate (CaCO3)	**258**	mg/L	10.0	10.0	1		05/29/25 10:43		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/29/25 10:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Sample: MW-105S **Lab ID: 50401852001** Collected: 05/16/25 11:52 Received: 05/16/25 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2420**	mg/L	40.0	40.0	1		05/21/25 11:49		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		05/19/25 15:00		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.84**	mg/L	0.10	0.013	1		05/17/25 10:06	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.5**	mg/L	1.0	0.30	1		05/31/25 17:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Sample: MW-103D **Lab ID: 50401852002** Collected: 05/16/25 10:45 Received: 05/16/25 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**248**	mg/L	25.0	13.0	100		05/30/25 02:31	16887-00-6	
Fluoride	**0.14**	mg/L	0.10	0.016	1		05/30/25 01:56	16984-48-8	
Sulfate	**4.5**	mg/L	0.25	0.19	1		05/30/25 01:56	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**406**	ug/L	10.0	0.68	1	05/26/25 16:25	05/27/25 15:12	7440-39-3	
Boron	**450**	ug/L	100	5.6	1	05/26/25 16:25	05/27/25 15:12	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/26/25 16:25	05/27/25 15:12	7440-43-9	
Calcium	**96500**	ug/L	1000	83.9	1	05/26/25 16:25	05/27/25 15:12	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/26/25 16:25	05/27/25 15:12	7440-47-3	
Iron	**2250**	ug/L	100	41.0	1	05/26/25 16:25	05/27/25 15:12	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/26/25 16:25	05/27/25 15:12	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/26/25 16:25	05/27/25 15:12	7439-93-2	
Magnesium	**33700**	ug/L	1000	53.7	1	05/26/25 16:25	05/27/25 15:12	7439-95-4	
Manganese	**133**	ug/L	10.0	0.77	1	05/26/25 16:25	05/27/25 15:12	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/26/25 16:25	05/27/25 15:12	7439-98-7	
Potassium	**6610**	ug/L	1000	113	1	05/26/25 16:25	05/27/25 15:12	7440-09-7	
Sodium	**105000**	ug/L	1000	95.0	1	05/26/25 16:25	05/27/25 15:12	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	05/28/25 15:47	05/29/25 23:07	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/21/25 16:42	05/22/25 20:04	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/21/25 16:42	05/22/25 20:04	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/21/25 16:42	05/22/25 20:04	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/21/25 16:42	05/22/25 20:04	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/21/25 16:42	05/22/25 20:04	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/21/25 16:42	05/22/25 20:04	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	05/30/25 11:29	06/01/25 22:51	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**286**	mg/L	10.0	10.0	1		05/29/25 10:43		
Alkalinity,Bicarbonate (CaCO3)	**286**	mg/L	10.0	10.0	1		05/29/25 10:43		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		05/29/25 10:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Sample: MW-103D **Lab ID: 50401852002** Collected: 05/16/25 10:45 Received: 05/16/25 15:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**750**	mg/L	20.0	20.0	1		05/21/25 11:49		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		05/19/25 15:01		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/17/25 10:01	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.6**	mg/L	3.0	0.90	3		06/02/25 16:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 845535
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3872170 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	05/29/25 07:20	
Fluoride	mg/L	ND	0.10	0.016	05/29/25 07:20	
Sulfate	mg/L	ND	0.25	0.19	05/29/25 07:20	

LABORATORY CONTROL SAMPLE: 3872171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	92	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.7	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3872172 3872173

Parameter	Units	50401080003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	23.4	2.5	2.5	25.7	25.7	91	93	80-120	0	15	E
Fluoride	mg/L	0.20	1	1	1.2	1.2	101	102	80-120	0	15	
Sulfate	mg/L	150	50	50	192	192	83	83	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 846665
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3877203 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/01/25 22:44	

LABORATORY CONTROL SAMPLE: 3877204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877205 3877206

Parameter	Units	50401986002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.2	5.1	104	103	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 844373
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3866762 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/27/25 14:16	
Boron	ug/L	ND	100	5.6	05/27/25 14:16	
Cadmium	ug/L	ND	2.0	0.46	05/27/25 14:16	
Calcium	ug/L	ND	1000	83.9	05/27/25 14:16	
Chromium	ug/L	ND	10.0	0.96	05/27/25 14:16	
Iron	ug/L	ND	100	41.0	05/27/25 14:16	
Lead	ug/L	ND	10.0	2.0	05/27/25 14:16	
Lithium	ug/L	ND	20.0	3.8	05/27/25 14:16	
Magnesium	ug/L	ND	1000	53.7	05/27/25 14:16	
Manganese	ug/L	ND	10.0	0.77	05/27/25 14:16	
Molybdenum	ug/L	ND	10.0	1.4	05/27/25 14:16	
Potassium	ug/L	ND	1000	113	05/27/25 14:16	
Sodium	ug/L	ND	1000	95.0	05/27/25 14:16	

LABORATORY CONTROL SAMPLE: 3866763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	984	98	80-120	
Boron	ug/L	1000	935	93	80-120	
Cadmium	ug/L	1000	933	93	80-120	
Calcium	ug/L	10000	9630	96	80-120	
Chromium	ug/L	1000	952	95	80-120	
Iron	ug/L	10000	9670	97	80-120	
Lead	ug/L	1000	914	91	80-120	
Lithium	ug/L	1000	978	98	80-120	
Magnesium	ug/L	10000	9520	95	80-120	
Manganese	ug/L	1000	943	94	80-120	
Molybdenum	ug/L	1000	973	97	80-120	
Potassium	ug/L	10000	9630	96	80-120	
Sodium	ug/L	10000	9560	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866764 3866765

Parameter	Units	50401808001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	27.0	1000	1000	983	990	96	96	75-125	1	20	
Boron	ug/L	17400	1000	1000	18200	18500	79	109	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866764 3866765

Parameter	Units	50401808001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	948	960	95	96	75-125	1	20	
Calcium	ug/L	646000	10000	10000	626000	639000	-196	-68	75-125	2	20	P6
Chromium	ug/L	ND	1000	1000	915	929	91	93	75-125	1	20	
Iron	ug/L	7030	10000	10000	16200	16500	91	95	75-125	2	20	
Lead	ug/L	ND	1000	1000	867	880	87	88	75-125	1	20	
Lithium	ug/L	ND	1000	1000	982	995	97	99	75-125	1	20	
Magnesium	ug/L	32900	10000	10000	41400	42200	85	93	75-125	2	20	
Manganese	ug/L	2370	1000	1000	3210	3280	84	91	75-125	2	20	
Molybdenum	ug/L	317	1000	1000	1310	1320	99	101	75-125	1	20	
Potassium	ug/L	9080	10000	10000	19100	19100	100	100	75-125	0	20	
Sodium	ug/L	37600	10000	10000	47900	48000	103	104	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 844879
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3868746 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	05/29/25 22:41	

LABORATORY CONTROL SAMPLE: 3868747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	999	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868748 3868749

Parameter	Units	50401751003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1030	1040	103	104	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 844855
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3868619 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/22/25 19:40	
Arsenic	ug/L	ND	1.0	0.080	05/22/25 19:40	
Beryllium	ug/L	ND	0.20	0.026	05/22/25 19:40	
Cobalt	ug/L	ND	1.0	0.045	05/22/25 19:40	
Selenium	ug/L	ND	1.0	0.26	05/22/25 19:40	
Thallium	ug/L	ND	1.0	0.052	05/22/25 19:40	

LABORATORY CONTROL SAMPLE: 3868620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.5	106	80-120	
Arsenic	ug/L	40	40.0	100	80-120	
Beryllium	ug/L	40	39.8	99	80-120	
Cobalt	ug/L	40	42.7	107	80-120	
Selenium	ug/L	40	41.5	104	80-120	
Thallium	ug/L	40	41.7	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3868621 3868622

Parameter	Units	50401818003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<1.0	40	40	42.8	43.2	107	108	75-125	1	20	
Arsenic	ug/L	3.8	40	40	41.5	41.3	94	94	75-125	0	20	
Beryllium	ug/L	<0.20	40	40	36.9	37.4	92	94	75-125	1	20	
Cobalt	ug/L	1.8	40	40	39.9	39.8	95	95	75-125	0	20	
Selenium	ug/L	<1.0	40	40	37.9	36.3	94	90	75-125	4	20	
Thallium	ug/L	<1.0	40	40	43.5	43.8	109	109	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 846323
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3875820 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	05/29/25 10:43	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	05/29/25 10:43	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	05/29/25 10:43	

LABORATORY CONTROL SAMPLE: 3875821

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.1	102	90-110	

SAMPLE DUPLICATE: 3875822

Parameter	Units	50401849010 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	477	469	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	477	469	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3875823

Parameter	Units	50401849012 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	474	466	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	474	466	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 844928
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3868909 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/21/25 11:46	

LABORATORY CONTROL SAMPLE: 3868910

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	284	95	80-120	

SAMPLE DUPLICATE: 3868911

Parameter	Units	50401850001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	567	562	1	10	

SAMPLE DUPLICATE: 3868912

Parameter	Units	50401850002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1590	1570	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 844441
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

SAMPLE DUPLICATE: 3866951

Parameter	Units	50401668001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3866994

Parameter	Units	50401852002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.7	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 844289
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3866144 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/17/25 09:57	

LABORATORY CONTROL SAMPLE: 3866145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3866146 3866147

Parameter	Units	50401852002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	103	103	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 846176
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3875075 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/31/25 17:08	

LABORATORY CONTROL SAMPLE: 3875076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.5	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875077 3875078

Parameter	Units	50402094003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	0.48J	40	40	39.2	38.8	97	96	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Sample: MW-105S **Lab ID: 50401852001** Collected: 05/16/25 11:52 Received: 05/16/25 15:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.938 ± 0.735 (1.10) C:NA T:95%**	pCi/L	06/17/25 14:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.600 ± 0.415 (0.796) C:76% T:91%**	pCi/L	06/16/25 15:21	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.54 ± 1.15 (1.90)**	pCi/L	06/18/25 16:11	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Sample: MW-103D **Lab ID: 50401852002** Collected: 05/16/25 10:45 Received: 05/16/25 15:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.465 ± 0.561 (0.923) C:NA T:96%**	pCi/L	06/17/25 14:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.723 ± 0.479 (0.904) C:73% T:88%**	pCi/L	06/16/25 15:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.19 ± 1.04 (1.83)**	pCi/L	06/18/25 16:11	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 748069
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3643719 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.186 ± 0.325 (0.711) C:78% T:88%	pCi/L	06/16/25 11:48	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

QC Batch: 748068
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50401852001, 50401852002

METHOD BLANK: 3643718 Matrix: Water
Associated Lab Samples: 50401852001, 50401852002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.133 ± 0.314 (0.581) C:NA T:97%	pCi/L	06/17/25 14:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50401852

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50401852001	**MW-105S**	EPA 9056	845535		
50401852002	**MW-103D**	EPA 9056	845535		
50401852001	**MW-105S**	EPA 3010	844373	EPA 6010	845912
50401852002	**MW-103D**	EPA 3010	844373	EPA 6010	845912
50401852001	**MW-105S**	EPA 3010	844879	EPA 6010	846571
50401852002	**MW-103D**	EPA 3010	844879	EPA 6010	846571
50401852001	**MW-105S**	EPA 200.2	844855	EPA 6020	845144
50401852002	**MW-103D**	EPA 200.2	844855	EPA 6020	845144
50401852001	**MW-105S**	EPA 7470	846665	EPA 7470	846905
50401852002	**MW-103D**	EPA 7470	846665	EPA 7470	846905
50401852001	**MW-105S**	EPA 903.1	748068		
50401852002	**MW-103D**	EPA 903.1	748068		
50401852001	**MW-105S**	EPA 904.0	748069		
50401852002	**MW-103D**	EPA 904.0	748069		
50401852001	**MW-105S**	Total Radium Calculation	752886		
50401852002	**MW-103D**	Total Radium Calculation	752886		
50401852001	**MW-105S**	SM 2320B	846323		
50401852002	**MW-103D**	SM 2320B	846323		
50401852001	**MW-105S**	SM 2540C	844928		
50401852002	**MW-103D**	SM 2540C	844928		
50401852001	**MW-105S**	SM 4500-H+B	844441		
50401852002	**MW-103D**	SM 4500-H+B	844441		
50401852001	**MW-105S**	EPA 353.2	844289		
50401852002	**MW-103D**	EPA 353.2	844289		
50401852001	**MW-105S**	SM 5310C	846176		
50401852002	**MW-103D**	SM 5310C	846176		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50401852

50401852

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [✓] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
MW-105S	GW	G	5/16/25	1152			8			↓	↓	↓	↓	↓	↓	↓			001	
MW-103D	↓	↓	↓	1045			8			↓	↓	↓	↓	↓	↓	↓			002	

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
	See SCUR				

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	5/16/25 1500	/ pace	5/16/25 1500	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 4 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: IBTM 5/16/23 18:16

1. Thermometer: 1 2 3 4 5 6 7 8 9 (A) B C D E F G H I	3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____
2. Cooler Temperature(s): 2.9/2.9 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)	4. Ice Type: (Wet) Blue None
3. Was the PM notified of out of temp cooler? Yes No (leave blank if samples are in temp)	5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other
Cooler temp should be above freezing to 6°C. If the PM was contacted please document who was contacted and how to proceed.	6. Custody Seal on Cooler/Box Present: Yes (No) (If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, FL, NY, VA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: ~~HNO3 (<2)~~ H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	X		
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate/Nitrite	X					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Rush TAT Requested (4 days or less)		X	Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Custody Signatures Present	X		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent X
Containers Intact	X		Trip Blank Present?		X	
Sample Labels match COC? Except TCs, which only have ID	X		Trip Blank Custody Seals?			X
Comments:			Extra labels on Terracore Vials? (soils only)			

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU	BG1U	500mL (250mL) BP3U	500mL BP3N	DI	JGFU	VG9H	VOA Vial (40mL) HCl	VG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1																	1			2	1	2	1	1									W	✓	✓		
2																	↓			↓	↓	↓	↓	↓									↓	✓	✓		
3																																					
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					
11																																					
12																																					

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na-Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0H	1L HCl amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1L unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass-field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic
NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Dear Mr. Breting:

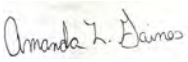
Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402250001	**MW-2IL**	Water	05/20/25 09:50	05/21/25 14:10
50402250002	**MW-2D1**	Water	05/20/25 11:10	05/21/25 14:10
50402250003	**MW-2D**	Water	05/20/25 14:05	05/21/25 14:10
50402250004	**MW-2S**	Water	05/20/25 15:25	05/21/25 14:10

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402250001	**MW-2IL**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50402250002	**MW-2D1**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50402250003	**MW-2D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50402250004	**MW-2S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402250001	**MW-2IL**					
EPA 9056	Chloride	10.2	mg/L	0.25	06/02/25 01:08	
EPA 9056	Fluoride	0.48	mg/L	0.10	06/02/25 01:08	
EPA 6010	Barium	633	ug/L	10.0	05/29/25 11:18	
EPA 6010	Boron	129	ug/L	100	05/29/25 11:18	
EPA 6010	Calcium	84600	ug/L	1000	05/29/25 11:18	
EPA 6010	Iron	4860	ug/L	100	05/29/25 11:18	
EPA 6010	Magnesium	31600	ug/L	1000	05/29/25 11:18	
EPA 6010	Manganese	110	ug/L	10.0	05/29/25 11:18	
EPA 6010	Molybdenum	11.6	ug/L	10.0	05/29/25 11:18	
EPA 6010	Potassium	1930	ug/L	1000	05/29/25 11:18	
EPA 6010	Sodium	20100	ug/L	1000	05/29/25 11:18	
EPA 6010	Molybdenum, Dissolved	11.7	ug/L	10.0	06/05/25 22:39	
EPA 6020	Arsenic	18.0	ug/L	1.0	05/29/25 13:01	
EPA 903.1	Radium-226	-0.111 ± 0.671 (1.31) C:NA T:91%	pCi/L		06/20/25 16:45	
EPA 904.0	Radium-228	0.686 ± 0.443 (0.832) C:73% T:87%	pCi/L		06/19/25 15:11	
Total Radium Calculation	Total Radium	0.686 ± 1.11 (2.14)	pCi/L		06/23/25 16:40	
SM 2320B	Alkalinity, Total as CaCO3	390	mg/L	10.0	06/02/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	390	mg/L	10.0	06/02/25 12:03	
SM 2540C	Total Dissolved Solids	364	mg/L	10.0	05/23/25 08:31	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/31/25 17:16	H3
EPA 353.2	Nitrogen, Nitrate	0.33	mg/L	0.10	05/22/25 08:41	B0
SM 5310C	Dissolved Organic Carbon	3.8	mg/L	1.0	05/31/25 01:28	
50402250002	**MW-2D1**					
EPA 9056	Chloride	66.2	mg/L	2.5	06/02/25 01:59	
EPA 9056	Fluoride	0.48	mg/L	0.10	06/02/25 01:42	
EPA 9056	Sulfate	235	mg/L	2.5	06/02/25 01:59	
EPA 6010	Barium	495	ug/L	10.0	05/29/25 11:20	
EPA 6010	Boron	363	ug/L	100	05/29/25 11:20	
EPA 6010	Calcium	162000	ug/L	1000	05/29/25 11:20	
EPA 6010	Iron	5770	ug/L	100	05/29/25 11:20	
EPA 6010	Magnesium	52400	ug/L	1000	05/29/25 11:20	
EPA 6010	Manganese	136	ug/L	10.0	05/29/25 11:20	
EPA 6010	Potassium	3000	ug/L	1000	05/29/25 11:20	
EPA 6010	Sodium	30400	ug/L	1000	05/29/25 11:20	
EPA 6020	Arsenic	18.1	ug/L	1.0	05/29/25 13:05	
EPA 903.1	Radium-226	8.32 ± 1.84 (1.47) C:NA T:97%	pCi/L		06/20/25 16:45	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402250002	**MW-2D1**					
EPA 904.0	Radium-228	0.787 ± 0.478 (0.885) C:71% T:92%	pCi/L		06/19/25 15:11	
Total Radium Calculation	Total Radium	9.11 ± 2.32 (2.36)	pCi/L		06/23/25 16:40	
SM 2320B	Alkalinity, Total as CaCO3	415	mg/L	10.0	06/02/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	415	mg/L	10.0	06/02/25 12:03	
SM 2540C	Total Dissolved Solids	764	mg/L	20.0	05/23/25 08:32	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	05/31/25 17:19	H3
SM 5310C	Dissolved Organic Carbon	3.7	mg/L	1.0	05/31/25 01:39	
50402250003	**MW-2D**					
EPA 9056	Chloride	199	mg/L	2.5	06/02/25 03:08	
EPA 9056	Fluoride	0.58	mg/L	0.10	06/02/25 02:51	
EPA 9056	Sulfate	192	mg/L	2.5	06/02/25 03:08	
EPA 6010	Barium	56.8	ug/L	10.0	05/29/25 11:23	
EPA 6010	Boron	1010	ug/L	100	05/29/25 11:23	
EPA 6010	Calcium	171000	ug/L	1000	05/29/25 11:23	
EPA 6010	Iron	2040	ug/L	100	05/29/25 11:23	
EPA 6010	Lithium	47.7	ug/L	20.0	05/29/25 11:23	
EPA 6010	Magnesium	40500	ug/L	1000	05/29/25 11:23	
EPA 6010	Manganese	451	ug/L	10.0	05/29/25 11:23	
EPA 6010	Molybdenum	53.2	ug/L	10.0	05/29/25 11:23	
EPA 6010	Potassium	10300	ug/L	1000	05/29/25 11:23	
EPA 6010	Sodium	148000	ug/L	1000	05/29/25 11:23	
EPA 6010	Molybdenum, Dissolved	36.0	ug/L	10.0	06/05/25 22:51	
EPA 6020	Arsenic	4.5	ug/L	1.0	05/29/25 14:24	
EPA 903.1	Radium-226	0.482 ± 0.691 (1.17) C:NA T:99%	pCi/L		06/20/25 16:45	
EPA 904.0	Radium-228	0.717 ± 0.512 (0.993) C:72% T:85%	pCi/L		06/19/25 15:12	
Total Radium Calculation	Total Radium	1.20 ± 1.20 (2.16)	pCi/L		06/23/25 16:40	
SM 2320B	Alkalinity, Total as CaCO3	269	mg/L	10.0	06/02/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	269	mg/L	10.0	06/02/25 12:03	
SM 2540C	Total Dissolved Solids	810	mg/L	20.0	05/23/25 08:32	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	05/31/25 17:21	H3
EPA 353.2	Nitrogen, Nitrate	0.16	mg/L	0.10	05/22/25 08:48	B0
SM 5310C	Dissolved Organic Carbon	2.8	mg/L	2.0	06/02/25 09:55	
50402250004	**MW-2S**					
EPA 9056	Chloride	230	mg/L	25.0	06/02/25 04:16	
EPA 9056	Fluoride	0.73	mg/L	0.10	06/02/25 03:42	
EPA 9056	Sulfate	338	mg/L	2.5	06/02/25 03:59	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402250004	**MW-2S**					
EPA 6010	Barium	84.1	ug/L	10.0	05/29/25 11:25	
EPA 6010	Boron	319	ug/L	100	05/29/25 11:25	
EPA 6010	Calcium	106000	ug/L	1000	05/29/25 11:25	
EPA 6010	Iron	3820	ug/L	100	05/29/25 11:25	
EPA 6010	Lithium	21.0	ug/L	20.0	05/29/25 11:25	
EPA 6010	Magnesium	28100	ug/L	1000	05/29/25 11:25	
EPA 6010	Manganese	374	ug/L	10.0	05/29/25 11:25	
EPA 6010	Molybdenum	34.7	ug/L	10.0	05/29/25 11:25	
EPA 6010	Potassium	8490	ug/L	1000	05/29/25 11:25	
EPA 6010	Sodium	145000	ug/L	1000	05/29/25 11:25	
EPA 6010	Molybdenum, Dissolved	54.7	ug/L	10.0	06/05/25 22:53	
EPA 6020	Arsenic	13.0	ug/L	1.0	05/29/25 14:28	
EPA 6020	Selenium	1.8	ug/L	1.0	05/29/25 14:28	
EPA 903.1	Radium-226	1.17 ± 0.498 (0.138) C:NA T:96%	pCi/L		06/20/25 16:45	
EPA 904.0	Radium-228	0.724 ± 0.525 (1.03) C:68% T:82%	pCi/L		06/19/25 15:12	
Total Radium Calculation	Total Radium	1.89 ± 1.02 (1.17)	pCi/L		06/23/25 16:40	
SM 2320B	Alkalinity, Total as CaCO3	308	mg/L	10.0	06/02/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	308	mg/L	10.0	06/02/25 12:03	
SM 2540C	Total Dissolved Solids	1110	mg/L	20.0	05/23/25 08:32	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	05/31/25 17:22	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	2.0	06/02/25 10:06	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2IL **Lab ID: 50402250001** Collected: 05/20/25 09:50 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**10.2**	mg/L	0.25	0.13	1		06/02/25 01:08	16887-00-6	
Fluoride	**0.48**	mg/L	0.10	0.016	1		06/02/25 01:08	16984-48-8	
Sulfate	ND	mg/L	0.25	0.19	1		06/02/25 01:08	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**633**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 11:18	7440-39-3	
Boron	**129**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 11:18	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 11:18	7440-43-9	
Calcium	**84600**	ug/L	1000	83.9	1	05/28/25 08:39	05/29/25 11:18	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 11:18	7440-47-3	
Iron	**4860**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 11:18	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 11:18	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 11:18	7439-93-2	
Magnesium	**31600**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 11:18	7439-95-4	
Manganese	**110**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 11:18	7439-96-5	
Molybdenum	**11.6**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 11:18	7439-98-7	
Potassium	**1930**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 11:18	7440-09-7	
Sodium	**20100**	ug/L	1000	95.0	1	05/28/25 08:39	05/29/25 11:18	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**11.7**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 22:39	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/29/25 13:01	7440-36-0	
Arsenic	**18.0**	ug/L	1.0	0.080	1	05/28/25 15:14	05/29/25 13:01	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/29/25 13:01	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/29/25 13:01	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/29/25 13:01	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/30/25 06:36	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 09:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**390**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**390**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/02/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2IL **Lab ID: 50402250001** Collected: 05/20/25 09:50 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**364**	mg/L	10.0	10.0	1		05/23/25 08:31		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/31/25 17:16		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.33**	mg/L	0.10	0.013	1		05/22/25 08:41	14797-55-8	B0
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.8**	mg/L	1.0	0.30	1		05/31/25 01:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2D1 **Lab ID: 50402250002** Collected: 05/20/25 11:10 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**66.2**	mg/L	2.5	1.3	10		06/02/25 01:59	16887-00-6	
Fluoride	**0.48**	mg/L	0.10	0.016	1		06/02/25 01:42	16984-48-8	
Sulfate	**235**	mg/L	2.5	1.9	10		06/02/25 01:59	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**495**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 11:20	7440-39-3	
Boron	**363**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 11:20	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 11:20	7440-43-9	
Calcium	**162000**	ug/L	1000	83.9	1	05/28/25 08:39	05/29/25 11:20	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 11:20	7440-47-3	
Iron	**5770**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 11:20	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 11:20	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 11:20	7439-93-2	
Magnesium	**52400**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 11:20	7439-95-4	
Manganese	**136**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 11:20	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 11:20	7439-98-7	
Potassium	**3000**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 11:20	7440-09-7	
Sodium	**30400**	ug/L	1000	95.0	1	05/28/25 08:39	05/29/25 11:20	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 22:49	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/29/25 13:05	7440-36-0	
Arsenic	**18.1**	ug/L	1.0	0.080	1	05/28/25 15:14	05/29/25 13:05	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/29/25 13:05	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/29/25 13:05	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/29/25 13:05	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/30/25 06:40	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 09:18	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**415**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**415**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/02/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2D1 **Lab ID: 50402250002** Collected: 05/20/25 11:10 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**764**	mg/L	20.0	20.0	1		05/23/25 08:32		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		05/31/25 17:19		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/22/25 08:46	14797-55-8	B0
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.7**	mg/L	1.0	0.30	1		05/31/25 01:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2D **Lab ID: 50402250003** Collected: 05/20/25 14:05 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**199**	mg/L	2.5	1.3	10		06/02/25 03:08	16887-00-6	
Fluoride	**0.58**	mg/L	0.10	0.016	1		06/02/25 02:51	16984-48-8	
Sulfate	**192**	mg/L	2.5	1.9	10		06/02/25 03:08	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**56.8**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 11:23	7440-39-3	
Boron	**1010**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 11:23	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 11:23	7440-43-9	
Calcium	**171000**	ug/L	1000	83.9	1	05/28/25 08:39	05/29/25 11:23	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 11:23	7440-47-3	
Iron	**2040**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 11:23	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 11:23	7439-92-1	
Lithium	**47.7**	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 11:23	7439-93-2	
Magnesium	**40500**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 11:23	7439-95-4	
Manganese	**451**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 11:23	7439-96-5	
Molybdenum	**53.2**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 11:23	7439-98-7	
Potassium	**10300**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 11:23	7440-09-7	
Sodium	**148000**	ug/L	1000	95.0	1	05/28/25 08:39	05/29/25 11:23	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**36.0**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 22:51	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/29/25 14:24	7440-36-0	
Arsenic	**4.5**	ug/L	1.0	0.080	1	05/28/25 15:14	05/29/25 14:24	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/29/25 14:24	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/29/25 14:24	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/29/25 14:24	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/29/25 14:24	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 09:21	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**269**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**269**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/02/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2D **Lab ID: 50402250003** Collected: 05/20/25 14:05 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**810**	mg/L	20.0	20.0	1		05/23/25 08:32		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		05/31/25 17:21		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.16**	mg/L	0.10	0.013	1		05/22/25 08:48	14797-55-8	B0
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.8**	mg/L	2.0	0.60	2		06/02/25 09:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2S **Lab ID: 50402250004** Collected: 05/20/25 15:25 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**230**	mg/L	25.0	13.0	100		06/02/25 04:16	16887-00-6	
Fluoride	**0.73**	mg/L	0.10	0.016	1		06/02/25 03:42	16984-48-8	
Sulfate	**338**	mg/L	2.5	1.9	10		06/02/25 03:59	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**84.1**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 11:25	7440-39-3	
Boron	**319**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 11:25	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 11:25	7440-43-9	
Calcium	**106000**	ug/L	1000	83.9	1	05/28/25 08:39	05/29/25 11:25	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 11:25	7440-47-3	
Iron	**3820**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 11:25	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 11:25	7439-92-1	
Lithium	**21.0**	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 11:25	7439-93-2	
Magnesium	**28100**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 11:25	7439-95-4	
Manganese	**374**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 11:25	7439-96-5	
Molybdenum	**34.7**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 11:25	7439-98-7	
Potassium	**8490**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 11:25	7440-09-7	
Sodium	**145000**	ug/L	1000	95.0	1	05/28/25 08:39	05/29/25 11:25	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**54.7**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 22:53	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/29/25 14:28	7440-36-0	
Arsenic	**13.0**	ug/L	1.0	0.080	1	05/28/25 15:14	05/29/25 14:28	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/29/25 14:28	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/29/25 14:28	7440-48-4	
Selenium	**1.8**	ug/L	1.0	0.26	1	05/28/25 15:14	05/29/25 14:28	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/29/25 14:28	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 09:23	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**308**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**308**	mg/L	10.0	10.0	1		06/02/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/02/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2S **Lab ID: 50402250004** Collected: 05/20/25 15:25 Received: 05/21/25 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1110**	mg/L	20.0	20.0	1		05/23/25 08:32		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		05/31/25 17:22		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/22/25 08:50	14797-55-8	B0
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	2.0	0.60	2		06/02/25 10:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 846171
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3875058 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/02/25 04:34	
Fluoride	mg/L	ND	0.10	0.016	06/02/25 04:34	
Sulfate	mg/L	ND	0.25	0.19	06/02/25 04:34	

LABORATORY CONTROL SAMPLE: 3875059

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	91	80-120	
Fluoride	mg/L	1	0.96	96	80-120	
Sulfate	mg/L	5	4.6	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875060 3875061

Parameter	Units	50402095001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	42.0	25	25	66.7	66.6	99	99	80-120	0	15	
Fluoride	mg/L	0.52	1	1	1.6	1.6	110	110	80-120	0	15	
Sulfate	mg/L	43.9	5	5	48.8	48.8	99	98	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 847350 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3880444 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/05/25 09:11	

LABORATORY CONTROL SAMPLE: 3880445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880446 3880447

Parameter	Units	50402870001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.1	5.1	101	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 845207
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3870432 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/29/25 11:10	
Boron	ug/L	ND	100	5.6	05/29/25 11:10	
Cadmium	ug/L	ND	2.0	0.46	05/29/25 11:10	
Calcium	ug/L	ND	1000	83.9	05/29/25 11:10	
Chromium	ug/L	ND	10.0	0.96	05/29/25 11:10	
Iron	ug/L	ND	100	41.0	05/29/25 11:10	
Lead	ug/L	ND	10.0	2.0	05/29/25 11:10	
Lithium	ug/L	ND	20.0	3.8	05/29/25 11:10	
Magnesium	ug/L	ND	1000	53.7	05/29/25 11:10	
Manganese	ug/L	ND	10.0	0.77	05/29/25 11:10	
Molybdenum	ug/L	ND	10.0	1.4	05/29/25 11:10	
Potassium	ug/L	ND	1000	113	05/29/25 11:10	
Sodium	ug/L	ND	1000	95.0	05/29/25 11:10	

LABORATORY CONTROL SAMPLE: 3870433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	954	95	80-120	
Cadmium	ug/L	1000	959	96	80-120	
Calcium	ug/L	10000	9880	99	80-120	
Chromium	ug/L	1000	977	98	80-120	
Iron	ug/L	10000	9840	98	80-120	
Lead	ug/L	1000	918	92	80-120	
Lithium	ug/L	1000	987	99	80-120	
Magnesium	ug/L	10000	9530	95	80-120	
Manganese	ug/L	1000	944	94	80-120	
Molybdenum	ug/L	1000	993	99	80-120	
Potassium	ug/L	10000	9510	95	80-120	
Sodium	ug/L	10000	9690	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870434 3870435

Parameter	Units	50402310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	29.7	1000	1000	1030	1010	100	98	75-125	2	20	
Boron	ug/L	2290	1000	1000	3270	3230	97	94	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870434 3870435

Parameter	Units	50402310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	960	952	96	95	75-125	1	20	
Calcium	ug/L	233000	10000	10000	242000	233000	100	1	75-125	4	20	P6
Chromium	ug/L	ND	1000	1000	959	946	96	95	75-125	1	20	
Iron	ug/L	2310	10000	10000	11800	11700	95	94	75-125	1	20	
Lead	ug/L	ND	1000	1000	870	863	87	86	75-125	1	20	
Lithium	ug/L	61.8	1000	1000	1020	1010	96	95	75-125	1	20	
Magnesium	ug/L	66300	10000	10000	73800	73400	76	72	75-125	1	20	P6
Manganese	ug/L	293	1000	1000	1210	1190	91	90	75-125	1	20	
Molybdenum	ug/L	59.6	1000	1000	1060	1050	100	99	75-125	1	20	
Potassium	ug/L	9920	10000	10000	19300	19100	94	91	75-125	1	20	
Sodium	ug/L	293000	10000	10000	301000	291000	82	-25	75-125	4	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 845320
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3870931 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 22:37	

LABORATORY CONTROL SAMPLE: 3870932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1030	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870933 3870934

Parameter	Units	50402250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	11.7	1000	1000	1030	1060	102	105	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 845939
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3874121 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/29/25 11:45	
Arsenic	ug/L	ND	1.0	0.080	05/29/25 11:45	
Beryllium	ug/L	ND	0.20	0.026	05/29/25 11:45	
Cobalt	ug/L	ND	1.0	0.045	05/29/25 11:45	
Selenium	ug/L	ND	1.0	0.26	05/29/25 11:45	
Thallium	ug/L	ND	1.0	0.052	05/30/25 02:35	

LABORATORY CONTROL SAMPLE: 3874122

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.7	102	80-120	
Arsenic	ug/L	40	38.1	95	80-120	
Beryllium	ug/L	40	39.6	99	80-120	
Cobalt	ug/L	40	40.7	102	80-120	
Selenium	ug/L	40	37.8	95	80-120	
Thallium	ug/L	40	41.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874123 3874124

Parameter	Units	50402291003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<1.0	40	40	41.5	41.0	103	102	75-125	1	20	
Arsenic	ug/L	1.1	40	40	40.3	39.5	98	96	75-125	2	20	
Beryllium	ug/L	<0.20	40	40	40.7	40.6	102	102	75-125	0	20	
Cobalt	ug/L	<1.0	40	40	39.2	39.1	96	95	75-125	0	20	
Selenium	ug/L	<1.0	40	40	42.7	40.8	106	101	75-125	5	20	
Thallium	ug/L	<1.0	40	40	40.9	40.7	102	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 846920
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3878587 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/02/25 12:03	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/02/25 12:03	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/02/25 12:03	

LABORATORY CONTROL SAMPLE: 3878588

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.9	100	90-110	

SAMPLE DUPLICATE: 3878589

Parameter	Units	50402245008 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	389	388	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	389	388	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3878590

Parameter	Units	50402292016 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	504	500	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	504	500	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 845429 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3871552 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/23/25 08:30	

LABORATORY CONTROL SAMPLE: 3871553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	80-120	

SAMPLE DUPLICATE: 3871554

Parameter	Units	50402247006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	388	386	1	10	

SAMPLE DUPLICATE: 3871555

Parameter	Units	50402292016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	727	725	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 846727
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

SAMPLE DUPLICATE: 3877490

Parameter	Units	50402675001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.2	7.6	6	2	H3,R1

SAMPLE DUPLICATE: 3877511

Parameter	Units	50402284001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.3	6	2	H3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 845182 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3870236 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/22/25 08:37	B0

LABORATORY CONTROL SAMPLE: 3870237

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	B0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870238 3870239

Parameter	Units	50402250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.33	1	1	1.4	1.4	106	106	90-110	0	20	B0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 846270
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3875440 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/30/25 22:49	

LABORATORY CONTROL SAMPLE: 3875441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875442 3875443

Parameter	Units	50401951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.3	10	10	13.2	13.5	99	102	80-120	3	15	

MATRIX SPIKE SAMPLE: 3875444

Parameter	Units	50401951002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.9	10	11.7	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2IL **Lab ID: 50402250001** Collected: 05/20/25 09:50 Received: 05/21/25 14:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.111 ± 0.671 (1.31) C:NA T:91%**	pCi/L	06/20/25 16:45	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.686 ± 0.443 (0.832) C:73% T:87%**	pCi/L	06/19/25 15:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.686 ± 1.11 (2.14)**	pCi/L	06/23/25 16:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2D1 **Lab ID: 50402250002** Collected: 05/20/25 11:10 Received: 05/21/25 14:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**8.32 ± 1.84 (1.47) C:NA T:97%**	pCi/L	06/20/25 16:45	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.787 ± 0.478 (0.885) C:71% T:92%**	pCi/L	06/19/25 15:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**9.11 ± 2.32 (2.36)**	pCi/L	06/23/25 16:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2D **Lab ID: 50402250003** Collected: 05/20/25 14:05 Received: 05/21/25 14:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.482 ± 0.691 (1.17) C:NA T:99%**	pCi/L	06/20/25 16:45	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.717 ± 0.512 (0.993) C:72% T:85%**	pCi/L	06/19/25 15:12	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.20 ± 1.20 (2.16)**	pCi/L	06/23/25 16:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Sample: MW-2S **Lab ID: 50402250004** Collected: 05/20/25 15:25 Received: 05/21/25 14:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.17 ± 0.498 (0.138) C:NA T:96%**	pCi/L	06/20/25 16:45	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.724 ± 0.525 (1.03) C:68% T:82%**	pCi/L	06/19/25 15:12	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.89 ± 1.02 (1.17)**	pCi/L	06/23/25 16:40	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 748748 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3646782 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0402 ± 0.184 (0.296) C:NA T:101%	pCi/L	06/20/25 16:18	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

QC Batch: 748750
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

METHOD BLANK: 3646784 Matrix: Water
Associated Lab Samples: 50402250001, 50402250002, 50402250003, 50402250004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.285 ± 0.344 (0.725) C:79% T:85%	pCi/L	06/19/25 15:11	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 845182

[B0]	Analyte was detected in an associated blank at a concentration greater than the MDL.

ANALYTE QUALIFIERS

B0	Analyte was detected in an associated blank at a concentration greater than the MDL.
H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402250001	**MW-2IL**	EPA 9056	846171		
50402250002	**MW-2D1**	EPA 9056	846171		
50402250003	**MW-2D**	EPA 9056	846171		
50402250004	**MW-2S**	EPA 9056	846171		
50402250001	**MW-2IL**	EPA 3010	845207	EPA 6010	846407
50402250002	**MW-2D1**	EPA 3010	845207	EPA 6010	846407
50402250003	**MW-2D**	EPA 3010	845207	EPA 6010	846407
50402250004	**MW-2S**	EPA 3010	845207	EPA 6010	846407
50402250001	**MW-2IL**	EPA 3010	845320	EPA 6010	847782
50402250002	**MW-2D1**	EPA 3010	845320	EPA 6010	847782
50402250003	**MW-2D**	EPA 3010	845320	EPA 6010	847782
50402250004	**MW-2S**	EPA 3010	845320	EPA 6010	847782
50402250001	**MW-2IL**	EPA 200.2	845939	EPA 6020	846304
50402250002	**MW-2D1**	EPA 200.2	845939	EPA 6020	846304
50402250003	**MW-2D**	EPA 200.2	845939	EPA 6020	846304
50402250004	**MW-2S**	EPA 200.2	845939	EPA 6020	846304
50402250001	**MW-2IL**	EPA 7470	847350	EPA 7470	847589
50402250002	**MW-2D1**	EPA 7470	847350	EPA 7470	847589
50402250003	**MW-2D**	EPA 7470	847350	EPA 7470	847589
50402250004	**MW-2S**	EPA 7470	847350	EPA 7470	847589
50402250001	**MW-2IL**	EPA 903.1	748748		
50402250002	**MW-2D1**	EPA 903.1	748748		
50402250003	**MW-2D**	EPA 903.1	748748		
50402250004	**MW-2S**	EPA 903.1	748748		
50402250001	**MW-2IL**	EPA 904.0	748750		
50402250002	**MW-2D1**	EPA 904.0	748750		
50402250003	**MW-2D**	EPA 904.0	748750		
50402250004	**MW-2S**	EPA 904.0	748750		
50402250001	**MW-2IL**	Total Radium Calculation	753806		
50402250002	**MW-2D1**	Total Radium Calculation	753806		
50402250003	**MW-2D**	Total Radium Calculation	753806		
50402250004	**MW-2S**	Total Radium Calculation	753806		
50402250001	**MW-2IL**	SM 2320B	846920		
50402250002	**MW-2D1**	SM 2320B	846920		
50402250003	**MW-2D**	SM 2320B	846920		
50402250004	**MW-2S**	SM 2320B	846920		
50402250001	**MW-2IL**	SM 2540C	845429		
50402250002	**MW-2D1**	SM 2540C	845429		
50402250003	**MW-2D**	SM 2540C	845429		
50402250004	**MW-2S**	SM 2540C	845429		
50402250001	**MW-2IL**	SM 4500-H+B	846727		
50402250002	**MW-2D1**	SM 4500-H+B	846727		
50402250003	**MW-2D**	SM 4500-H+B	846727		
50402250004	**MW-2S**	SM 4500-H+B	846727		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402250

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402250001	**MW-2IL**	EPA 353.2	845182		
50402250002	**MW-2D1**	EPA 353.2	845182		
50402250003	**MW-2D**	EPA 353.2	845182		
50402250004	**MW-2S**	EPA 353.2	845182		
50402250001	**MW-2IL**	SM 5310C	846270		
50402250002	**MW-2D1**	SM 5310C	846270		
50402250003	**MW-2D**	SM 5310C	846270		
50402250004	**MW-2S**	SM 5310C	846270		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50402250

50402250

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: Standard

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-2IL	GW	G			5/20/25	09:50	8			X	X	X	X	X	X	X	
MW-2D1	GW	G			5/20/25	11:10	8			X	X	X	X	X	X	X	
MW-2D	GW	G			5/20/25	14:05	8			X	X	X	X	X	X	X	
MW-25	GW	G			5/20/25	15:25	8			X	X	X	X	X	X	X	

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/73
Prelog / Bottle Ord. ID: EZ 3249633

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) MARK BRETING
Signature: Mark Breting

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	E	-0.3	0.2	0.6	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Mark Breting / Atlas	5/21/25 1410		5/21 1410	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [X] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 4 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: CW 5/21 1520

1. **Thermometer:** 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. **Cooler Temperature(s):** (Initial/Corrected) 0.2/0.6 | 0.3/0.7 | | |
RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. **Was the PM notified of out of temp cooler?:** (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. **Packing Material:** Bubble Wrap (Bubble Bags) None Other _____

4. **Ice Type:** (Wet) Blue None

5. **Courier:** CW (Fed Ex) UPS (Client) Pace Now/Jett Other

6. **Custody Seal on Cooler/Box Present:** Yes (No)
(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate	X	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1610	
Rush TAT Requested (4 days or less):		X
Custody Signatures Present?	X	
Containers Intact?:	X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X	
Comments:		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	X		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent X
Trip Blank Present?		X	
Trip Blank Custody Seals?:		X	
Extra labels on Terracore Vials? (soils only)			X

COC PAGE [redacted] of [redacted]

Sample Container Count

[redacted]

** Place a PINK dot on containers that are out of conformance **

			MeOH (only) / SBS / DI / R					AMBER GLASS							PLASTIC									OTHER						Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
COC Line Item	WGFU	WGKU BG1U		DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit		Matrix	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													2			2	1	2	1	1								WT	✓	✓		
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Dear Mr. Breting:

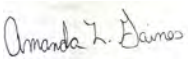
Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402310001	**MW-10D**	Water	05/21/25 10:20	05/22/25 08:21
50402310002	**MW-10S**	Water	05/21/25 11:55	05/22/25 08:21
50402310003	**MW-1D**	Water	05/21/25 14:36	05/22/25 08:21
50402310004	**MW-1S**	Water	05/21/25 16:14	05/22/25 08:21

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402310001	**MW-10D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50402310002	**MW-10S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50402310003	**MW-1D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50402310004	**MW-1S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	NWB	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402310001	**MW-10D**					
EPA 9056	Chloride	406	mg/L	25.0	05/31/25 23:54	
EPA 9056	Fluoride	1.5	mg/L	0.10	05/31/25 23:20	
EPA 9056	Sulfate	577	mg/L	25.0	05/31/25 23:54	
EPA 6010	Barium	29.7	ug/L	10.0	05/29/25 11:53	
EPA 6010	Boron	2290	ug/L	100	05/29/25 11:53	
EPA 6010	Calcium	233000	ug/L	2000	05/29/25 12:15	
EPA 6010	Iron	2310	ug/L	100	05/29/25 11:53	
EPA 6010	Lithium	61.8	ug/L	20.0	05/29/25 11:53	
EPA 6010	Magnesium	66300	ug/L	1000	05/29/25 11:53	
EPA 6010	Manganese	293	ug/L	10.0	05/29/25 11:53	
EPA 6010	Molybdenum	59.6	ug/L	10.0	05/29/25 11:53	
EPA 6010	Potassium	9920	ug/L	1000	05/29/25 11:53	
EPA 6010	Sodium	293000	ug/L	2000	05/29/25 12:15	
EPA 6010	Molybdenum, Dissolved	61.1	ug/L	10.0	06/05/25 23:12	
EPA 6020	Arsenic	84.8	ug/L	1.0	05/30/25 15:41	
EPA 903.1	Radium-226	0.454 ± 0.570 (0.949) C:NA T:92%	pCi/L		06/23/25 15:53	
EPA 904.0	Radium-228	0.479 ± 0.522 (1.08) C:80% T:75%	pCi/L		06/20/25 18:13	
Total Radium Calculation	Total Radium	0.933 ± 1.09 (2.03)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	335	mg/L	10.0	06/03/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	335	mg/L	10.0	06/03/25 12:03	
SM 2540C	Total Dissolved Solids	1740	mg/L	40.0	05/27/25 11:03	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	06/02/25 12:55	H3
50402310002	**MW-10S**					
EPA 9056	Chloride	551	mg/L	25.0	06/01/25 00:44	
EPA 9056	Fluoride	1.8	mg/L	0.10	06/01/25 00:10	
EPA 9056	Sulfate	710	mg/L	25.0	06/01/25 00:44	
EPA 6010	Barium	67.8	ug/L	10.0	05/29/25 12:08	
EPA 6010	Boron	3580	ug/L	100	05/29/25 12:08	
EPA 6010	Calcium	294000	ug/L	2000	05/29/25 12:21	
EPA 6010	Iron	1050	ug/L	100	05/29/25 12:08	
EPA 6010	Lithium	54.9	ug/L	20.0	05/29/25 12:08	
EPA 6010	Magnesium	70800	ug/L	1000	05/29/25 12:08	
EPA 6010	Manganese	598	ug/L	10.0	05/29/25 12:08	
EPA 6010	Molybdenum	95.4	ug/L	10.0	05/29/25 12:08	
EPA 6010	Potassium	10900	ug/L	1000	05/29/25 12:08	
EPA 6010	Sodium	337000	ug/L	2000	05/29/25 12:21	
EPA 6010	Molybdenum, Dissolved	95.6	ug/L	10.0	06/05/25 23:14	
EPA 6020	Arsenic	252	ug/L	2.0	05/31/25 04:05	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402310002	**MW-10S**					
EPA 903.1	Radium-226	0.680 ± 0.754 (1.24) C:NA T:92%	pCi/L		06/23/25 15:53	
EPA 904.0	Radium-228	0.414 ± 0.464 (0.966) C:85% T:76%	pCi/L		06/20/25 18:13	
Total Radium Calculation	Total Radium	1.09 ± 1.22 (2.21)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	281	mg/L	10.0	06/03/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	281	mg/L	10.0	06/03/25 12:03	
SM 2540C	Total Dissolved Solids	2280	mg/L	40.0	05/27/25 11:03	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	06/02/25 12:56	H3
50402310003	**MW-1D**					
EPA 9056	Chloride	147	mg/L	2.5	06/01/25 01:17	
EPA 9056	Fluoride	0.36	mg/L	0.10	06/01/25 01:00	
EPA 9056	Sulfate	65.4	mg/L	2.5	06/01/25 01:17	
EPA 6010	Barium	69.8	ug/L	10.0	05/29/25 12:10	
EPA 6010	Boron	190	ug/L	100	05/29/25 12:10	
EPA 6010	Calcium	72700	ug/L	1000	05/29/25 12:10	
EPA 6010	Iron	1480	ug/L	100	05/29/25 12:10	
EPA 6010	Magnesium	22400	ug/L	1000	05/29/25 12:10	
EPA 6010	Manganese	146	ug/L	10.0	05/29/25 12:10	
EPA 6010	Molybdenum	14.9	ug/L	10.0	05/29/25 12:10	
EPA 6010	Potassium	5210	ug/L	1000	05/29/25 12:10	
EPA 6010	Sodium	98800	ug/L	1000	05/29/25 12:10	
EPA 6010	Molybdenum, Dissolved	15.0	ug/L	10.0	06/05/25 23:16	
EPA 6020	Arsenic	4.0	ug/L	1.0	05/30/25 15:56	
EPA 903.1	Radium-226	0.470 ± 0.800 (1.38) C:NA T:93%	pCi/L		06/23/25 15:53	
EPA 904.0	Radium-228	0.296 ± 0.458 (0.990) C:81% T:87%	pCi/L		06/20/25 18:13	
Total Radium Calculation	Total Radium	0.766 ± 1.26 (2.37)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	255	mg/L	10.0	06/03/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	255	mg/L	10.0	06/03/25 12:03	
SM 2540C	Total Dissolved Solids	555	mg/L	10.0	05/27/25 11:03	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/02/25 12:57	H3
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	1.0	05/31/25 03:07	
50402310004	**MW-1S**					
EPA 9056	Chloride	134	mg/L	2.5	06/01/25 02:41	
EPA 9056	Fluoride	0.33	mg/L	0.10	06/01/25 02:24	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402310004	**MW-1S**					
EPA 9056	Sulfate	88.2	mg/L	2.5	06/01/25 02:41	
EPA 6010	Barium	60.8	ug/L	10.0	05/29/25 12:13	
EPA 6010	Boron	545	ug/L	100	05/29/25 12:13	
EPA 6010	Calcium	83000	ug/L	1000	05/29/25 12:13	
EPA 6010	Iron	1520	ug/L	100	05/29/25 12:13	
EPA 6010	Magnesium	25100	ug/L	1000	05/29/25 12:13	
EPA 6010	Manganese	175	ug/L	10.0	05/29/25 12:13	
EPA 6010	Molybdenum	17.7	ug/L	10.0	05/29/25 12:13	
EPA 6010	Potassium	5360	ug/L	1000	05/29/25 12:13	
EPA 6010	Sodium	89300	ug/L	1000	05/29/25 12:13	
EPA 6010	Molybdenum, Dissolved	17.9	ug/L	10.0	06/05/25 23:18	
EPA 6020	Arsenic	4.5	ug/L	1.0	05/30/25 16:00	
EPA 903.1	Radium-226	0.360 ± 0.779 (1.36) C:NA T:100%	pCi/L		06/23/25 15:53	
EPA 904.0	Radium-228	0.600 ± 0.513 (1.03) C:78% T:87%	pCi/L		06/20/25 18:13	
Total Radium Calculation	Total Radium	0.960 ± 1.29 (2.39)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	260	mg/L	10.0	06/03/25 12:03	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	244	mg/L	10.0	06/03/25 12:03	
SM 2320B	Alkalinity,Carbonate (CaCO3)	16.4	mg/L	10.0	06/03/25 12:03	
SM 2540C	Total Dissolved Solids	555	mg/L	10.0	05/27/25 11:04	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/02/25 12:58	H3
SM 5310C	Dissolved Organic Carbon	2.7	mg/L	1.0	05/31/25 03:19	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-10D **Lab ID: 50402310001** Collected: 05/21/25 10:20 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**406**	mg/L	25.0	13.0	100		05/31/25 23:54	16887-00-6	
Fluoride	**1.5**	mg/L	0.10	0.016	1		05/31/25 23:20	16984-48-8	
Sulfate	**577**	mg/L	25.0	19.0	100		05/31/25 23:54	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**29.7**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 11:53	7440-39-3	
Boron	**2290**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 11:53	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 11:53	7440-43-9	
Calcium	**233000**	ug/L	2000	168	2	05/28/25 08:39	05/29/25 12:15	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 11:53	7440-47-3	
Iron	**2310**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 11:53	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 11:53	7439-92-1	
Lithium	**61.8**	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 11:53	7439-93-2	
Magnesium	**66300**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 11:53	7439-95-4	
Manganese	**293**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 11:53	7439-96-5	
Molybdenum	**59.6**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 11:53	7439-98-7	
Potassium	**9920**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 11:53	7440-09-7	
Sodium	**293000**	ug/L	2000	190	2	05/28/25 08:39	05/29/25 12:15	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**61.1**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 23:12	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/30/25 15:41	7440-36-0	
Arsenic	**84.8**	ug/L	1.0	0.080	1	05/28/25 15:14	05/30/25 15:41	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/30/25 15:41	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/30/25 15:41	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/30/25 15:41	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/30/25 15:41	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 12:03	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**335**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**335**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/03/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-10D **Lab ID: 50402310001** Collected: 05/21/25 10:20 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1740**	mg/L	40.0	40.0	1		05/27/25 11:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		06/02/25 12:55		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/22/25 15:36	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.2	4		06/02/25 12:02		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-10S **Lab ID: 50402310002** Collected: 05/21/25 11:55 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**551**	mg/L	25.0	13.0	100		06/01/25 00:44	16887-00-6	
Fluoride	**1.8**	mg/L	0.10	0.016	1		06/01/25 00:10	16984-48-8	
Sulfate	**710**	mg/L	25.0	19.0	100		06/01/25 00:44	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**67.8**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 12:08	7440-39-3	
Boron	**3580**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 12:08	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 12:08	7440-43-9	
Calcium	**294000**	ug/L	2000	168	2	05/28/25 08:39	05/29/25 12:21	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 12:08	7440-47-3	
Iron	**1050**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 12:08	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 12:08	7439-92-1	
Lithium	**54.9**	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 12:08	7439-93-2	
Magnesium	**70800**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 12:08	7439-95-4	
Manganese	**598**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 12:08	7439-96-5	
Molybdenum	**95.4**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 12:08	7439-98-7	
Potassium	**10900**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 12:08	7440-09-7	
Sodium	**337000**	ug/L	2000	190	2	05/28/25 08:39	05/29/25 12:21	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**95.6**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 23:14	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/30/25 15:45	7440-36-0	
Arsenic	**252**	ug/L	2.0	0.16	2	05/28/25 15:14	05/31/25 04:05	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/30/25 15:45	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/30/25 15:45	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/30/25 15:45	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/30/25 15:45	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 12:05	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**281**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**281**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/03/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-10S **Lab ID: 50402310002** Collected: 05/21/25 11:55 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**2280**	mg/L	40.0	40.0	1		05/27/25 11:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		06/02/25 12:56		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/22/25 15:47	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	4.0	1.2	4		06/02/25 12:13		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-1D **Lab ID: 50402310003** Collected: 05/21/25 14:36 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**147**	mg/L	2.5	1.3	10		06/01/25 01:17	16887-00-6	
Fluoride	**0.36**	mg/L	0.10	0.016	1		06/01/25 01:00	16984-48-8	
Sulfate	**65.4**	mg/L	2.5	1.9	10		06/01/25 01:17	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**69.8**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 12:10	7440-39-3	
Boron	**190**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 12:10	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 12:10	7440-43-9	
Calcium	**72700**	ug/L	1000	83.9	1	05/28/25 08:39	05/29/25 12:10	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 12:10	7440-47-3	
Iron	**1480**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 12:10	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 12:10	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 12:10	7439-93-2	
Magnesium	**22400**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 12:10	7439-95-4	
Manganese	**146**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 12:10	7439-96-5	
Molybdenum	**14.9**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 12:10	7439-98-7	
Potassium	**5210**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 12:10	7440-09-7	
Sodium	**98800**	ug/L	1000	95.0	1	05/28/25 08:39	05/29/25 12:10	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**15.0**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 23:16	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/30/25 15:56	7440-36-0	
Arsenic	**4.0**	ug/L	1.0	0.080	1	05/28/25 15:14	05/30/25 15:56	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/30/25 15:56	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/30/25 15:56	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/30/25 15:56	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/30/25 15:56	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 12:15	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**255**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**255**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/03/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-1D **Lab ID: 50402310003** Collected: 05/21/25 14:36 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**555**	mg/L	10.0	10.0	1		05/27/25 11:03		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/02/25 12:57		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/22/25 16:11	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	1.0	0.30	1		05/31/25 03:07		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-1S **Lab ID: 50402310004** Collected: 05/21/25 16:14 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**134**	mg/L	2.5	1.3	10		06/01/25 02:41	16887-00-6	
Fluoride	**0.33**	mg/L	0.10	0.016	1		06/01/25 02:24	16984-48-8	
Sulfate	**88.2**	mg/L	2.5	1.9	10		06/01/25 02:41	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**60.8**	ug/L	10.0	0.68	1	05/28/25 08:39	05/29/25 12:13	7440-39-3	
Boron	**545**	ug/L	100	5.6	1	05/28/25 08:39	05/29/25 12:13	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/28/25 08:39	05/29/25 12:13	7440-43-9	
Calcium	**83000**	ug/L	1000	83.9	1	05/28/25 08:39	05/29/25 12:13	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/28/25 08:39	05/29/25 12:13	7440-47-3	
Iron	**1520**	ug/L	100	41.0	1	05/28/25 08:39	05/29/25 12:13	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/28/25 08:39	05/29/25 12:13	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/28/25 08:39	05/29/25 12:13	7439-93-2	
Magnesium	**25100**	ug/L	1000	53.7	1	05/28/25 08:39	05/29/25 12:13	7439-95-4	
Manganese	**175**	ug/L	10.0	0.77	1	05/28/25 08:39	05/29/25 12:13	7439-96-5	
Molybdenum	**17.7**	ug/L	10.0	1.4	1	05/28/25 08:39	05/29/25 12:13	7439-98-7	
Potassium	**5360**	ug/L	1000	113	1	05/28/25 08:39	05/29/25 12:13	7440-09-7	
Sodium	**89300**	ug/L	1000	95.0	1	05/28/25 08:39	05/29/25 12:13	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**17.9**	ug/L	10.0	1.4	1	06/01/25 16:13	06/05/25 23:18	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/28/25 15:14	05/30/25 16:00	7440-36-0	
Arsenic	**4.5**	ug/L	1.0	0.080	1	05/28/25 15:14	05/30/25 16:00	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/28/25 15:14	05/30/25 16:00	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/28/25 15:14	05/30/25 16:00	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/28/25 15:14	05/30/25 16:00	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/28/25 15:14	05/30/25 16:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/04/25 19:19	06/05/25 12:17	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**260**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Bicarbonate (CaCO3)	**244**	mg/L	10.0	10.0	1		06/03/25 12:03		
Alkalinity,Carbonate (CaCO3)	**16.4**	mg/L	10.0	10.0	1		06/03/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-1S **Lab ID: 50402310004** Collected: 05/21/25 16:14 Received: 05/22/25 08:21 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**555**	mg/L	10.0	10.0	1		05/27/25 11:04		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/02/25 12:58		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/22/25 16:23	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.7**	mg/L	1.0	0.30	1		05/31/25 03:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 846441
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3876200 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/01/25 09:57	
Fluoride	mg/L	ND	0.10	0.016	06/01/25 09:57	
Sulfate	mg/L	ND	0.25	0.19	06/01/25 09:57	

LABORATORY CONTROL SAMPLE: 3876201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	102	80-120	
Fluoride	mg/L	1	1.0	101	80-120	
Sulfate	mg/L	5	5.0	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876202 3876203

Parameter	Units	50402097006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	137	25	25	161	161	96	96	80-120	0	15	
Fluoride	mg/L	13.2	10	10	22.3	22.4	91	91	80-120	0	15	
Sulfate	mg/L	56.7	50	50	102	102	91	91	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 847427
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3880674 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/05/25 11:33	

LABORATORY CONTROL SAMPLE: 3880675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.2	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880676 3880677

Parameter	Units	50402289004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.4	5.5	100	102	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 845207
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3870432 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	05/29/25 11:10	
Boron	ug/L	ND	100	5.6	05/29/25 11:10	
Cadmium	ug/L	ND	2.0	0.46	05/29/25 11:10	
Calcium	ug/L	ND	1000	83.9	05/29/25 11:10	
Chromium	ug/L	ND	10.0	0.96	05/29/25 11:10	
Iron	ug/L	ND	100	41.0	05/29/25 11:10	
Lead	ug/L	ND	10.0	2.0	05/29/25 11:10	
Lithium	ug/L	ND	20.0	3.8	05/29/25 11:10	
Magnesium	ug/L	ND	1000	53.7	05/29/25 11:10	
Manganese	ug/L	ND	10.0	0.77	05/29/25 11:10	
Molybdenum	ug/L	ND	10.0	1.4	05/29/25 11:10	
Potassium	ug/L	ND	1000	113	05/29/25 11:10	
Sodium	ug/L	ND	1000	95.0	05/29/25 11:10	

LABORATORY CONTROL SAMPLE: 3870433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	954	95	80-120	
Cadmium	ug/L	1000	959	96	80-120	
Calcium	ug/L	10000	9880	99	80-120	
Chromium	ug/L	1000	977	98	80-120	
Iron	ug/L	10000	9840	98	80-120	
Lead	ug/L	1000	918	92	80-120	
Lithium	ug/L	1000	987	99	80-120	
Magnesium	ug/L	10000	9530	95	80-120	
Manganese	ug/L	1000	944	94	80-120	
Molybdenum	ug/L	1000	993	99	80-120	
Potassium	ug/L	10000	9510	95	80-120	
Sodium	ug/L	10000	9690	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870434 3870435

Parameter	Units	50402310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	29.7	1000	1000	1030	1010	100	98	75-125	2	20	
Boron	ug/L	2290	1000	1000	3270	3230	97	94	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870434 3870435

Parameter	Units	50402310001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	960	952	96	95	75-125	1	20	
Calcium	ug/L	233000	10000	10000	242000	233000	100	1	75-125	4	20	P6
Chromium	ug/L	ND	1000	1000	959	946	96	95	75-125	1	20	
Iron	ug/L	2310	10000	10000	11800	11700	95	94	75-125	1	20	
Lead	ug/L	ND	1000	1000	870	863	87	86	75-125	1	20	
Lithium	ug/L	61.8	1000	1000	1020	1010	96	95	75-125	1	20	
Magnesium	ug/L	66300	10000	10000	73800	73400	76	72	75-125	1	20	P6
Manganese	ug/L	293	1000	1000	1210	1190	91	90	75-125	1	20	
Molybdenum	ug/L	59.6	1000	1000	1060	1050	100	99	75-125	1	20	
Potassium	ug/L	9920	10000	10000	19300	19100	94	91	75-125	1	20	
Sodium	ug/L	293000	10000	10000	301000	291000	82	-25	75-125	4	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 845320
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3870931 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 22:37	

LABORATORY CONTROL SAMPLE: 3870932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1030	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3870933 3870934

Parameter	Units	50402250001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	11.7	1000	1000	1030	1060	102	105	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 845951
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3874171 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/30/25 15:33	
Arsenic	ug/L	ND	1.0	0.080	05/30/25 15:33	
Beryllium	ug/L	ND	0.20	0.026	05/30/25 15:33	
Cobalt	ug/L	ND	1.0	0.045	05/30/25 15:33	
Selenium	ug/L	ND	1.0	0.26	05/30/25 15:33	
Thallium	ug/L	ND	1.0	0.052	05/30/25 15:33	

LABORATORY CONTROL SAMPLE: 3874172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	40.5	101	80-120	
Arsenic	ug/L	40	38.9	97	80-120	
Beryllium	ug/L	40	40.5	101	80-120	
Cobalt	ug/L	40	41.3	103	80-120	
Selenium	ug/L	40	39.3	98	80-120	
Thallium	ug/L	40	40.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874173 3874174

Parameter	Units	50402347009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<2.0	40	40	41.5	42.3	104	106	75-125	2	20	
Arsenic	ug/L	11.2	40	40	49.7	48.9	96	94	75-125	2	20	
Beryllium	ug/L	<1.0	40	40	43.3	43.0	108	107	75-125	1	20	
Cobalt	ug/L	<1.0	40	40	40.3	40.1	99	98	75-125	1	20	
Selenium	ug/L	<5.0	40	40	41.8	39.7	104	99	75-125	5	20	
Thallium	ug/L	<2.0	40	40	40.8	41.1	102	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 847125 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3879370 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/03/25 12:03	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/03/25 12:03	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/03/25 12:03	

LABORATORY CONTROL SAMPLE: 3879371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.4	101	90-110	

SAMPLE DUPLICATE: 3879372

Parameter	Units	50402292001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	327	330	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	327	330	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3879373

Parameter	Units	50402292002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	252	254	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	252	254	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 845795 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3873354 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/27/25 10:56	

LABORATORY CONTROL SAMPLE: 3873355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	80-120	

SAMPLE DUPLICATE: 3873356

Parameter	Units	50402292026 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	700	709	1	10	

SAMPLE DUPLICATE: 3873357

Parameter	Units	50402294003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	962	939	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 846956
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

SAMPLE DUPLICATE: 3878731

Parameter	Units	50401913002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	12.0	12.0	0	2	H3,PO

SAMPLE DUPLICATE: 3878732

Parameter	Units	50402362004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.5	2	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 845338
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002

METHOD BLANK: 3871000 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/22/25 15:14	

LABORATORY CONTROL SAMPLE: 3871001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3871002 3871003

Parameter	Units	50402342001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	.073J	.051J	7	5	90-110		20	M3

MATRIX SPIKE SAMPLE: 3871004

Parameter	Units	50402367001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	0.62	2	2.7	106	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 845339
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310003, 50402310004

METHOD BLANK: 3871005 Matrix: Water
Associated Lab Samples: 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/22/25 16:08	

LABORATORY CONTROL SAMPLE: 3871006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3871007 3871008

Parameter	Units	50402310003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	100	101	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 846270
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3875440 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	05/30/25 22:49	

LABORATORY CONTROL SAMPLE: 3875441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875442 3875443

Parameter	Units	50401951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	3.3	10	10	13.2	13.5	99	102	80-120	3	15	

MATRIX SPIKE SAMPLE: 3875444

Parameter	Units	50401951002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.9	10	11.7	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-10D **Lab ID: 50402310001** Collected: 05/21/25 10:20 Received: 05/22/25 08:21 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.454 ± 0.570 (0.949) C:NA T:92%**	pCi/L	06/23/25 15:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.479 ± 0.522 (1.08) C:80% T:75%**	pCi/L	06/20/25 18:13	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.933 ± 1.09 (2.03)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-10S **Lab ID: 50402310002** Collected: 05/21/25 11:55 Received: 05/22/25 08:21 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.680 ± 0.754 (1.24) C:NA T:92%**	pCi/L	06/23/25 15:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.414 ± 0.464 (0.966) C:85% T:76%**	pCi/L	06/20/25 18:13	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.09 ± 1.22 (2.21)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-1D **Lab ID: 50402310003** Collected: 05/21/25 14:36 Received: 05/22/25 08:21 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.470 ± 0.800 (1.38) C:NA T:93%**	pCi/L	06/23/25 15:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.296 ± 0.458 (0.990) C:81% T:87%**	pCi/L	06/20/25 18:13	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.766 ± 1.26 (2.37)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Sample: MW-1S **Lab ID: 50402310004** Collected: 05/21/25 16:14 Received: 05/22/25 08:21 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.360 ± 0.779 (1.36) C:NA T:100%**	pCi/L	06/23/25 15:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.600 ± 0.513 (1.03) C:78% T:87%**	pCi/L	06/20/25 18:13	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.960 ± 1.29 (2.39)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 748758
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3646804 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.554 ± 0.406 (0.788) C:77% T:79%	pCi/L	06/20/25 15:07	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

QC Batch: 748757
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

METHOD BLANK: 3646803 Matrix: Water
Associated Lab Samples: 50402310001, 50402310002, 50402310003, 50402310004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.111 ± 0.217 (0.397) C:NA T:98%	pCi/L	06/23/25 15:53	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
PO	The reported result is outside the range of the pH buffer solutions used to check the calibration of the pH meter.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402310001	**MW-10D**	EPA 9056	846441		
50402310002	**MW-10S**	EPA 9056	846441		
50402310003	**MW-1D**	EPA 9056	846441		
50402310004	**MW-1S**	EPA 9056	846441		
50402310001	**MW-10D**	EPA 3010	845207	EPA 6010	846407
50402310002	**MW-10S**	EPA 3010	845207	EPA 6010	846407
50402310003	**MW-1D**	EPA 3010	845207	EPA 6010	846407
50402310004	**MW-1S**	EPA 3010	845207	EPA 6010	846407
50402310001	**MW-10D**	EPA 3010	845320	EPA 6010	847782
50402310002	**MW-10S**	EPA 3010	845320	EPA 6010	847782
50402310003	**MW-1D**	EPA 3010	845320	EPA 6010	847782
50402310004	**MW-1S**	EPA 3010	845320	EPA 6010	847782
50402310001	**MW-10D**	EPA 200.2	845951	EPA 6020	846306
50402310002	**MW-10S**	EPA 200.2	845951	EPA 6020	846306
50402310003	**MW-1D**	EPA 200.2	845951	EPA 6020	846306
50402310004	**MW-1S**	EPA 200.2	845951	EPA 6020	846306
50402310001	**MW-10D**	EPA 7470	847427	EPA 7470	847591
50402310002	**MW-10S**	EPA 7470	847427	EPA 7470	847591
50402310003	**MW-1D**	EPA 7470	847427	EPA 7470	847591
50402310004	**MW-1S**	EPA 7470	847427	EPA 7470	847591
50402310001	**MW-10D**	EPA 903.1	748757		
50402310002	**MW-10S**	EPA 903.1	748757		
50402310003	**MW-1D**	EPA 903.1	748757		
50402310004	**MW-1S**	EPA 903.1	748757		
50402310001	**MW-10D**	EPA 904.0	748758		
50402310002	**MW-10S**	EPA 904.0	748758		
50402310003	**MW-1D**	EPA 904.0	748758		
50402310004	**MW-1S**	EPA 904.0	748758		
50402310001	**MW-10D**	Total Radium Calculation	753812		
50402310002	**MW-10S**	Total Radium Calculation	753812		
50402310003	**MW-1D**	Total Radium Calculation	753812		
50402310004	**MW-1S**	Total Radium Calculation	753812		
50402310001	**MW-10D**	SM 2320B	847125		
50402310002	**MW-10S**	SM 2320B	847125		
50402310003	**MW-1D**	SM 2320B	847125		
50402310004	**MW-1S**	SM 2320B	847125		
50402310001	**MW-10D**	SM 2540C	845795		
50402310002	**MW-10S**	SM 2540C	845795		
50402310003	**MW-1D**	SM 2540C	845795		
50402310004	**MW-1S**	SM 2540C	845795		
50402310001	**MW-10D**	SM 4500-H+B	846956		
50402310002	**MW-10S**	SM 4500-H+B	846956		
50402310003	**MW-1D**	SM 4500-H+B	846956		
50402310004	**MW-1S**	SM 4500-H+B	846956		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding St May 2025 P1R1
Pace Project No.: 50402310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402310001	**MW-10D**	EPA 353.2	845338		
50402310002	**MW-10S**	EPA 353.2	845338		
50402310003	**MW-1D**	EPA 353.2	845339		
50402310004	**MW-1S**	EPA 353.2	845339		
50402310001	**MW-10D**	SM 5310C	846270		
50402310002	**MW-10S**	SM 5310C	846270		
50402310003	**MW-1D**	SM 5310C	846270		
50402310004	**MW-1S**	SM 5310C	846270		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

50402310

Scan QR Code for instructions

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@atcgs.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding St November 2024 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **

Identify Container Preservative Type***

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/68**
Prelog / Bottle Ord. ID: **EZ 3165220**

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity/Carbonate/Bicarbonate;	2540C Total Dissolved Solids	353.2 Nitrate unpres; Iron, Ferrous	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved	6010/6020 MET ICPMS	9056 IC Anions Chloride/Fluoride/Sulfate	RAD 226/228 + Sum sub to Pace PA			Sample Comment	Preservation non-conformance identified for sample.
MW-10D	GW	G			5/21/2025	10:20	8			X	X	X	X	X	X	X	X				
MW-10S	GW	G			5/21/2025	11:55	8			X	X	X	X	X	X	X	X				
MW-1D	GW	G			5/21/2025	14:36	8			X	X	X	X	X	X	X	X				
MW-1S	GW	G			5/21/2025	16:14	8			X	X	X	X	X	X	X	X				

Additional Instructions from Pace®:
Please return samples on ice
Total Metals: B, Ca, Sb, As, Ba, Co, Li, Mo, Se, Na, K, Mg, Fe, Mn
Dissolved Metals: Mo
Nitrate has a short 48 hour hold: please return/ship samples on the day of collection

Collected By: Aaron Day
(Printed Name)
Signature: Aaron Day/ Mark E. Breting

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	A F	0.0	5.6	5.6	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Aaron Day/Atlas -COC signed by Mark E. Breting	5/22/2025 -17:04	Tim Hunt Pace	5/22/25 17:04	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1.00 of 5

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace

SAMPLE CONDITION UPON RECEIPT FORM

ate/Time and Initials of person examining contents: 5/24/25 18:27 JG

. Thermometer:	1 2 3 4 5 6 7 8 9 A B C D E (F) G H I			
. Cooler Temperature(s): (Initial/Corrected)	5.6/5.6			

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: 9056	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Comments: No COC on receipt JG 5/24/25		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
	Present	Absent	No VOA Vials Sent
Headspace in VOA Vials (>6mm): See Containter Count form for details			✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			✓

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													1			2	1	2	1	1										✓		
2													↓			↓	↓	↓	↓	↓									↓	↓	✓		
3																																	
4													↓			↓	↓	↓	↓	↓									↓	↓	↓		
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Dear Mr. Breting:

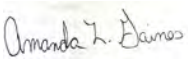
Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402426001	**MW-16D**	Water	05/22/25 11:00	05/22/25 16:16
50402426002	**MW-16S**	Water	05/22/25 12:10	05/22/25 16:16
50402426003	**MW-12D**	Water	05/22/25 15:00	05/22/25 16:16
50402426004	**DUP 5**	Water	05/22/25 12:10	05/22/25 16:16

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402426001	**MW-16D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402426002	**MW-16S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	JTR	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402426003	**MW-12D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	JTR	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402426004	**DUP 5**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	JTR	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402426001	**MW-16D**					
EPA 9056	Chloride	163	mg/L	2.5	06/02/25 22:19	
EPA 9056	Fluoride	0.44	mg/L	0.10	06/02/25 22:02	
EPA 9056	Sulfate	461	mg/L	25.0	06/04/25 03:08	
EPA 6010	Barium	239	ug/L	10.0	06/04/25 23:17	
EPA 6010	Boron	1710	ug/L	100	06/04/25 23:17	
EPA 6010	Calcium	218000	ug/L	2000	06/04/25 23:29	
EPA 6010	Iron	10700	ug/L	100	06/04/25 23:17	
EPA 6010	Magnesium	64400	ug/L	1000	06/04/25 23:17	
EPA 6010	Manganese	2650	ug/L	10.0	06/04/25 23:17	
EPA 6010	Molybdenum	12.7	ug/L	10.0	06/04/25 23:17	
EPA 6010	Potassium	3870	ug/L	1000	06/04/25 23:17	
EPA 6010	Sodium	54400	ug/L	1000	06/04/25 23:17	
EPA 6010	Molybdenum, Dissolved	13.4	ug/L	10.0	06/07/25 01:40	
EPA 6020	Arsenic	41.0	ug/L	1.0	05/30/25 10:35	
EPA 903.1	Radium-226	0.408 ± 0.707 (1.22) C:NA T:100%	pCi/L		06/23/25 16:05	
EPA 904.0	Radium-228	0.465 ± 0.398 (0.802) C:77% T:88%	pCi/L		06/20/25 15:08	
Total Radium Calculation	Total Radium	0.873 ± 1.11 (2.02)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	272	mg/L	10.0	06/04/25 08:28	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	272	mg/L	10.0	06/04/25 08:28	
SM 2540C	Total Dissolved Solids	1150	mg/L	20.0	05/29/25 07:56	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	06/02/25 13:32	H3
SM 5310C	Dissolved Organic Carbon	6.2	mg/L	1.0	06/05/25 00:52	
50402426002	**MW-16S**					
EPA 9056	Chloride	142	mg/L	2.5	06/02/25 22:53	
EPA 9056	Fluoride	0.47	mg/L	0.10	06/02/25 22:36	
EPA 9056	Sulfate	96.1	mg/L	2.5	06/02/25 22:53	
EPA 6010	Barium	62.1	ug/L	10.0	06/04/25 23:19	
EPA 6010	Boron	386	ug/L	100	06/04/25 23:19	
EPA 6010	Calcium	86500	ug/L	1000	06/04/25 23:19	
EPA 6010	Lithium	22.3	ug/L	20.0	06/04/25 23:19	
EPA 6010	Magnesium	20200	ug/L	1000	06/04/25 23:19	
EPA 6010	Manganese	362	ug/L	10.0	06/04/25 23:19	
EPA 6010	Molybdenum	170	ug/L	10.0	06/04/25 23:19	
EPA 6010	Potassium	5780	ug/L	1000	06/04/25 23:19	
EPA 6010	Sodium	105000	ug/L	1000	06/04/25 23:19	
EPA 6010	Molybdenum, Dissolved	184	ug/L	10.0	06/07/25 01:42	
EPA 903.1	Radium-226	0.141 ± 0.479 (0.885) C:NA T:93%	pCi/L		06/23/25 16:05	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402426002	**MW-16S**					
EPA 904.0	Radium-228	0.154 ± 0.393 (0.875) C:78% T:86%	pCi/L		06/20/25 15:08	
Total Radium Calculation	Total Radium	0.295 ± 0.872 (1.76)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	275	mg/L	10.0	06/04/25 16:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	275	mg/L	10.0	06/04/25 16:45	
SM 2540C	Total Dissolved Solids	626	mg/L	10.0	05/29/25 07:56	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/02/25 13:33	H3
SM 5310C	Dissolved Organic Carbon	1.6	mg/L	1.0	06/05/25 01:12	
50402426003	**MW-12D**					
EPA 9056	Chloride	432	mg/L	25.0	06/02/25 23:43	
EPA 9056	Fluoride	1.1	mg/L	0.10	06/02/25 23:09	
EPA 9056	Sulfate	538	mg/L	25.0	06/02/25 23:43	
EPA 6010	Barium	30.1	ug/L	10.0	06/04/25 23:21	
EPA 6010	Boron	1520	ug/L	100	06/04/25 23:21	
EPA 6010	Calcium	226000	ug/L	2000	06/04/25 23:31	
EPA 6010	Iron	3970	ug/L	100	06/04/25 23:21	
EPA 6010	Lithium	54.1	ug/L	20.0	06/04/25 23:21	
EPA 6010	Magnesium	58000	ug/L	1000	06/04/25 23:21	
EPA 6010	Manganese	474	ug/L	10.0	06/04/25 23:21	
EPA 6010	Molybdenum	86.6	ug/L	10.0	06/04/25 23:21	
EPA 6010	Potassium	10800	ug/L	1000	06/04/25 23:21	
EPA 6010	Sodium	283000	ug/L	2000	06/04/25 23:31	
EPA 6010	Molybdenum, Dissolved	91.9	ug/L	10.0	06/07/25 01:48	
EPA 6020	Arsenic	84.1	ug/L	1.0	05/30/25 10:47	
EPA 903.1	Radium-226	0.577 ± 0.683 (1.13) C:NA T:95%	pCi/L		06/23/25 16:18	
EPA 904.0	Radium-228	1.41 ± 0.541 (0.809) C:73% T:89%	pCi/L		06/20/25 15:08	
Total Radium Calculation	Total Radium	1.99 ± 1.22 (1.94)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	290	mg/L	10.0	06/04/25 16:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	290	mg/L	10.0	06/04/25 16:45	
SM 2540C	Total Dissolved Solids	1840	mg/L	40.0	05/29/25 07:56	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	06/02/25 13:34	H3
SM 5310C	Dissolved Organic Carbon	4.4	mg/L	4.0	06/05/25 13:20	
50402426004	**DUP 5**					
EPA 9056	Chloride	506	mg/L	25.0	06/04/25 03:24	
EPA 9056	Fluoride	0.13	mg/L	0.10	06/03/25 00:33	
EPA 9056	Sulfate	13.8	mg/L	0.25	06/03/25 00:33	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402426004	**DUP 5**					
EPA 6010	Barium	62.4	ug/L	10.0	06/04/25 23:23	
EPA 6010	Boron	391	ug/L	100	06/04/25 23:23	
EPA 6010	Calcium	87900	ug/L	1000	06/04/25 23:23	
EPA 6010	Lithium	23.5	ug/L	20.0	06/04/25 23:23	
EPA 6010	Magnesium	20500	ug/L	1000	06/04/25 23:23	
EPA 6010	Manganese	368	ug/L	10.0	06/04/25 23:23	
EPA 6010	Molybdenum	173	ug/L	10.0	06/04/25 23:23	
EPA 6010	Potassium	5810	ug/L	1000	06/04/25 23:23	
EPA 6010	Sodium	106000	ug/L	1000	06/04/25 23:23	
EPA 6010	Molybdenum, Dissolved	179	ug/L	10.0	06/07/25 01:51	
EPA 903.1	Radium-226	0.262 ± 0.572 (1.02) C:NA T:90%	pCi/L		06/23/25 16:18	
EPA 904.0	Radium-228	-0.135 ± 0.425 (1.03) C:67% T:83%	pCi/L		06/20/25 15:08	
Total Radium Calculation	Total Radium	0.262 ± 0.997 (2.05)	pCi/L		06/23/25 16:52	
SM 2320B	Alkalinity, Total as CaCO3	1040	mg/L	10.0	06/04/25 16:45	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	1040	mg/L	10.0	06/04/25 16:45	
SM 2540C	Total Dissolved Solids	643	mg/L	10.0	05/29/25 07:57	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	06/02/25 13:35	H3
SM 5310C	Dissolved Organic Carbon	1.6	mg/L	1.0	06/05/25 01:54	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-16D **Lab ID: 50402426001** Collected: 05/22/25 11:00 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**163**	mg/L	2.5	1.3	10		06/02/25 22:19	16887-00-6	
Fluoride	**0.44**	mg/L	0.10	0.016	1		06/02/25 22:02	16984-48-8	
Sulfate	**461**	mg/L	25.0	19.0	100		06/04/25 03:08	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**239**	ug/L	10.0	0.68	1	06/01/25 16:13	06/04/25 23:17	7440-39-3	
Boron	**1710**	ug/L	100	5.6	1	06/01/25 16:13	06/04/25 23:17	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/01/25 16:13	06/04/25 23:17	7440-43-9	
Calcium	**218000**	ug/L	2000	168	2	06/01/25 16:13	06/04/25 23:29	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/01/25 16:13	06/04/25 23:17	7440-47-3	
Iron	**10700**	ug/L	100	41.0	1	06/01/25 16:13	06/04/25 23:17	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/01/25 16:13	06/04/25 23:17	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/01/25 16:13	06/04/25 23:17	7439-93-2	
Magnesium	**64400**	ug/L	1000	53.7	1	06/01/25 16:13	06/04/25 23:17	7439-95-4	
Manganese	**2650**	ug/L	10.0	0.77	1	06/01/25 16:13	06/04/25 23:17	7439-96-5	
Molybdenum	**12.7**	ug/L	10.0	1.4	1	06/01/25 16:13	06/04/25 23:17	7439-98-7	
Potassium	**3870**	ug/L	1000	113	1	06/01/25 16:13	06/04/25 23:17	7440-09-7	
Sodium	**54400**	ug/L	1000	95.0	1	06/01/25 16:13	06/04/25 23:17	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**13.4**	ug/L	10.0	1.4	1	06/03/25 15:47	06/07/25 01:40	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 10:35	7440-36-0	
Arsenic	**41.0**	ug/L	1.0	0.080	1	05/29/25 09:37	05/30/25 10:35	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/31/25 02:38	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 10:35	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 10:35	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 10:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 11:18	06/05/25 19:58	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**272**	mg/L	10.0	10.0	1		06/04/25 08:28		
Alkalinity,Bicarbonate (CaCO3)	**272**	mg/L	10.0	10.0	1		06/04/25 08:28		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/04/25 08:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-16D **Lab ID: 50402426001** Collected: 05/22/25 11:00 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1150**	mg/L	20.0	20.0	1		05/29/25 07:56		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		06/02/25 13:32		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/23/25 16:05	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**6.2**	mg/L	1.0	0.30	1		06/05/25 00:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-16S **Lab ID: 50402426002** Collected: 05/22/25 12:10 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**142**	mg/L	2.5	1.3	10		06/02/25 22:53	16887-00-6	
Fluoride	**0.47**	mg/L	0.10	0.016	1		06/02/25 22:36	16984-48-8	
Sulfate	**96.1**	mg/L	2.5	1.9	10		06/02/25 22:53	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**62.1**	ug/L	10.0	0.68	1	06/01/25 16:13	06/04/25 23:19	7440-39-3	
Boron	**386**	ug/L	100	5.6	1	06/01/25 16:13	06/04/25 23:19	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/01/25 16:13	06/04/25 23:19	7440-43-9	
Calcium	**86500**	ug/L	1000	83.9	1	06/01/25 16:13	06/04/25 23:19	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/01/25 16:13	06/04/25 23:19	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/01/25 16:13	06/04/25 23:19	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/01/25 16:13	06/04/25 23:19	7439-92-1	
Lithium	**22.3**	ug/L	20.0	3.8	1	06/01/25 16:13	06/04/25 23:19	7439-93-2	
Magnesium	**20200**	ug/L	1000	53.7	1	06/01/25 16:13	06/04/25 23:19	7439-95-4	
Manganese	**362**	ug/L	10.0	0.77	1	06/01/25 16:13	06/04/25 23:19	7439-96-5	
Molybdenum	**170**	ug/L	10.0	1.4	1	06/01/25 16:13	06/04/25 23:19	7439-98-7	
Potassium	**5780**	ug/L	1000	113	1	06/01/25 16:13	06/04/25 23:19	7440-09-7	
Sodium	**105000**	ug/L	1000	95.0	1	06/01/25 16:13	06/04/25 23:19	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**184**	ug/L	10.0	1.4	1	06/03/25 15:47	06/07/25 01:42	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 10:39	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/29/25 09:37	05/30/25 10:39	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/31/25 02:42	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 10:39	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 10:39	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 10:39	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 11:18	06/05/25 20:01	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**275**	mg/L	10.0	10.0	1		06/04/25 16:45		
Alkalinity,Bicarbonate (CaCO3)	**275**	mg/L	10.0	10.0	1		06/04/25 16:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/04/25 16:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-16S **Lab ID: 50402426002** Collected: 05/22/25 12:10 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**626**	mg/L	10.0	10.0	1		05/29/25 07:56		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/02/25 13:33		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/23/25 16:08	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.6**	mg/L	1.0	0.30	1		06/05/25 01:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-12D **Lab ID: 50402426003** Collected: 05/22/25 15:00 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**432**	mg/L	25.0	13.0	100		06/02/25 23:43	16887-00-6	
Fluoride	**1.1**	mg/L	0.10	0.016	1		06/02/25 23:09	16984-48-8	
Sulfate	**538**	mg/L	25.0	19.0	100		06/02/25 23:43	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.1**	ug/L	10.0	0.68	1	06/01/25 16:13	06/04/25 23:21	7440-39-3	
Boron	**1520**	ug/L	100	5.6	1	06/01/25 16:13	06/04/25 23:21	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/01/25 16:13	06/04/25 23:21	7440-43-9	
Calcium	**226000**	ug/L	2000	168	2	06/01/25 16:13	06/04/25 23:31	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/01/25 16:13	06/04/25 23:21	7440-47-3	
Iron	**3970**	ug/L	100	41.0	1	06/01/25 16:13	06/04/25 23:21	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/01/25 16:13	06/04/25 23:21	7439-92-1	
Lithium	**54.1**	ug/L	20.0	3.8	1	06/01/25 16:13	06/04/25 23:21	7439-93-2	
Magnesium	**58000**	ug/L	1000	53.7	1	06/01/25 16:13	06/04/25 23:21	7439-95-4	
Manganese	**474**	ug/L	10.0	0.77	1	06/01/25 16:13	06/04/25 23:21	7439-96-5	
Molybdenum	**86.6**	ug/L	10.0	1.4	1	06/01/25 16:13	06/04/25 23:21	7439-98-7	
Potassium	**10800**	ug/L	1000	113	1	06/01/25 16:13	06/04/25 23:21	7440-09-7	
Sodium	**283000**	ug/L	2000	190	2	06/01/25 16:13	06/04/25 23:31	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**91.9**	ug/L	10.0	1.4	1	06/03/25 15:47	06/07/25 01:48	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 10:47	7440-36-0	
Arsenic	**84.1**	ug/L	1.0	0.080	1	05/29/25 09:37	05/30/25 10:47	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/31/25 02:46	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 10:47	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 10:47	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 10:47	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 11:18	06/05/25 20:13	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**290**	mg/L	10.0	10.0	1		06/04/25 16:45		
Alkalinity,Bicarbonate (CaCO3)	**290**	mg/L	10.0	10.0	1		06/04/25 16:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/04/25 16:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-12D **Lab ID: 50402426003** Collected: 05/22/25 15:00 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1840**	mg/L	40.0	40.0	1		05/29/25 07:56		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		06/02/25 13:34		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/23/25 16:10	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.4**	mg/L	4.0	1.2	4		06/05/25 13:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: DUP 5 **Lab ID: 50402426004** Collected: 05/22/25 12:10 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**506**	mg/L	25.0	13.0	100		06/04/25 03:24	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.016	1		06/03/25 00:33	16984-48-8	
Sulfate	**13.8**	mg/L	0.25	0.19	1		06/03/25 00:33	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**62.4**	ug/L	10.0	0.68	1	06/01/25 16:13	06/04/25 23:23	7440-39-3	
Boron	**391**	ug/L	100	5.6	1	06/01/25 16:13	06/04/25 23:23	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/01/25 16:13	06/04/25 23:23	7440-43-9	
Calcium	**87900**	ug/L	1000	83.9	1	06/01/25 16:13	06/04/25 23:23	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/01/25 16:13	06/04/25 23:23	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/01/25 16:13	06/04/25 23:23	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/01/25 16:13	06/04/25 23:23	7439-92-1	
Lithium	**23.5**	ug/L	20.0	3.8	1	06/01/25 16:13	06/04/25 23:23	7439-93-2	
Magnesium	**20500**	ug/L	1000	53.7	1	06/01/25 16:13	06/04/25 23:23	7439-95-4	
Manganese	**368**	ug/L	10.0	0.77	1	06/01/25 16:13	06/04/25 23:23	7439-96-5	
Molybdenum	**173**	ug/L	10.0	1.4	1	06/01/25 16:13	06/04/25 23:23	7439-98-7	
Potassium	**5810**	ug/L	1000	113	1	06/01/25 16:13	06/04/25 23:23	7440-09-7	
Sodium	**106000**	ug/L	1000	95.0	1	06/01/25 16:13	06/04/25 23:23	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**179**	ug/L	10.0	1.4	1	06/03/25 15:47	06/07/25 01:51	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 10:51	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/29/25 09:37	05/30/25 10:51	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/31/25 02:50	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 10:51	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 10:51	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 10:51	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 11:18	06/05/25 20:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**1040**	mg/L	10.0	10.0	1		06/04/25 16:45		
Alkalinity,Bicarbonate (CaCO3)	**1040**	mg/L	10.0	10.0	1		06/04/25 16:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/04/25 16:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: DUP 5 **Lab ID: 50402426004** Collected: 05/22/25 12:10 Received: 05/22/25 16:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**643**	mg/L	10.0	10.0	1		05/29/25 07:57		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		06/02/25 13:35		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/23/25 16:16	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.6**	mg/L	1.0	0.30	1		06/05/25 01:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 846671 | Analysis Method: EPA 9056
QC Batch Method: EPA 9056 | Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3877244 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/02/25 04:36	
Fluoride	mg/L	ND	0.10	0.016	06/02/25 04:36	
Sulfate	mg/L	ND	0.25	0.19	06/02/25 04:36	

LABORATORY CONTROL SAMPLE: 3877245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	102	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877246 3877247

Parameter	Units	50402362001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.9	2.5	2.5	9.5	9.5	104	104	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.0	1.0	93	93	80-120	0	15	
Sulfate	mg/L	380	50	50	387	386	13	13	80-120	0	15	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 847429
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3880689 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/05/25 19:54	

LABORATORY CONTROL SAMPLE: 3880690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880691 3880692

Parameter	Units	50402426002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	5.1	101	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 845446
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3871701 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/04/25 22:16	
Boron	ug/L	ND	100	5.6	06/04/25 22:16	
Cadmium	ug/L	ND	2.0	0.46	06/04/25 22:16	
Calcium	ug/L	ND	1000	83.9	06/04/25 22:16	
Chromium	ug/L	ND	10.0	0.96	06/04/25 22:16	
Iron	ug/L	ND	100	41.0	06/04/25 22:16	
Lead	ug/L	ND	10.0	2.0	06/04/25 22:16	
Lithium	ug/L	ND	20.0	3.8	06/04/25 22:16	
Magnesium	ug/L	ND	1000	53.7	06/04/25 22:16	
Manganese	ug/L	ND	10.0	0.77	06/04/25 22:16	
Molybdenum	ug/L	ND	10.0	1.4	06/04/25 22:16	
Potassium	ug/L	ND	1000	113	06/04/25 22:16	
Sodium	ug/L	ND	1000	95.0	06/04/25 22:16	

LABORATORY CONTROL SAMPLE: 3871702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1010	101	80-120	
Boron	ug/L	1000	949	95	80-120	
Cadmium	ug/L	1000	961	96	80-120	
Calcium	ug/L	10000	9940	99	80-120	
Chromium	ug/L	1000	976	98	80-120	
Iron	ug/L	10000	9680	97	80-120	
Lead	ug/L	1000	932	93	80-120	
Lithium	ug/L	1000	1000	100	80-120	
Magnesium	ug/L	10000	9550	96	80-120	
Manganese	ug/L	1000	941	94	80-120	
Molybdenum	ug/L	1000	1000	100	80-120	
Potassium	ug/L	10000	9680	97	80-120	
Sodium	ug/L	10000	9750	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3871703 3871704

Parameter	Units	50402420001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	0.060 mg/L	1000	1000	1050	1050	99	99	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3871703 3871704

Parameter	Units	50402420001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron	ug/L	0.36 mg/L	1000	1000	1310	1330	95	98	75-125	2	20	
Cadmium	ug/L	ND	1000	1000	950	955	95	96	75-125	1	20	
Calcium	ug/L	124 mg/L	10000	10000	132000	134000	78	101	75-125	2	20	
Chromium	ug/L	0.0013J mg/L	1000	1000	967	970	97	97	75-125	0	20	
Iron	ug/L	2.5 mg/L	10000	10000	11900	12000	94	96	75-125	1	20	
Lead	ug/L	0.0020J mg/L	1000	1000	896	899	89	90	75-125	0	20	
Lithium	ug/L	0.012J mg/L	1000	1000	991	991	98	98	75-125	0	20	
Magnesium	ug/L	35.2 mg/L	10000	10000	43800	44700	87	96	75-125	2	20	
Manganese	ug/L	0.15 mg/L	1000	1000	1070	1080	91	92	75-125	1	20	
Molybdenum	ug/L	0.0051J mg/L	1000	1000	998	1000	99	100	75-125	1	20	
Potassium	ug/L	2.0 mg/L	10000	10000	11800	11700	98	97	75-125	0	20	
Sodium	ug/L	18.1 mg/L	10000	10000	27500	27800	94	96	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 845456
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3871741 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/07/25 01:27	

LABORATORY CONTROL SAMPLE: 3871742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1030	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3871743 3871744

Parameter	Units	50402294003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	0.024 mg/L	1000	1000	1050	1050	102	103	75-125	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3871991 3871992

Parameter	Units	50402420001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	0.0040J mg/L	1000	1000	1020	1040	102	104	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 846241
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3875321 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/30/25 00:48	
Arsenic	ug/L	ND	1.0	0.080	05/30/25 00:48	
Beryllium	ug/L	ND	0.20	0.026	05/30/25 00:48	
Cobalt	ug/L	ND	1.0	0.045	05/30/25 00:48	
Selenium	ug/L	ND	1.0	0.26	05/30/25 00:48	
Thallium	ug/L	ND	1.0	0.052	05/30/25 00:48	

LABORATORY CONTROL SAMPLE: 3875322

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.1	103	80-120	
Arsenic	ug/L	40	39.7	99	80-120	
Beryllium	ug/L	40	39.0	98	80-120	
Cobalt	ug/L	40	40.8	102	80-120	
Selenium	ug/L	40	41.2	103	80-120	
Thallium	ug/L	40	40.7	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875323 3875324

Parameter	Units	50402675001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	41.7	105	104	75-125	1	20	
Arsenic	ug/L	ND	40	40	40.0	39.5	99	98	75-125	1	20	
Beryllium	ug/L	ND	40	40	39.3	39.1	98	98	75-125	1	20	
Cobalt	ug/L	ND	40	40	39.1	38.4	98	96	75-125	2	20	
Selenium	ug/L	7.8	40	40	45.8	48.4	95	102	75-125	6	20	
Thallium	ug/L	ND	40	40	41.7	41.3	104	103	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 847362
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001

METHOD BLANK: 3880472 Matrix: Water
Associated Lab Samples: 50402426001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/04/25 08:28	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/04/25 08:28	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/04/25 08:28	

LABORATORY CONTROL SAMPLE: 3880473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.3	101	90-110	

SAMPLE DUPLICATE: 3880475

Parameter	Units	50402420001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	387	387	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	387	387	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 847448 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426002, 50402426003, 50402426004

METHOD BLANK: 3880792 Matrix: Water
Associated Lab Samples: 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/04/25 16:45	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/04/25 16:45	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/04/25 16:45	

LABORATORY CONTROL SAMPLE: 3880793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.2	100	90-110	

SAMPLE DUPLICATE: 3880794

Parameter	Units	50402426002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	275	279	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	275	279	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3880795

Parameter	Units	50402442001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	227	257	12	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	227	257	12	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 846328 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3875830 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/29/25 07:54	

LABORATORY CONTROL SAMPLE: 3875831

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	264	88	80-120	

SAMPLE DUPLICATE: 3875832

Parameter	Units	50402426001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1150	1150	0	10	

SAMPLE DUPLICATE: 3875833

Parameter	Units	50402426002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	626	611	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 846959
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

SAMPLE DUPLICATE: 3878742

Parameter	Units	50402160001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.7	0	2	H3

SAMPLE DUPLICATE: 3878743

Parameter	Units	50403033002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.0	7.0	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 845536
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003

METHOD BLANK: 3872195 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/23/25 15:11	

LABORATORY CONTROL SAMPLE: 3872196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.2	118	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3872197 3872198

Parameter	Units	50402421009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	59.2	50	50	123	123	128	128	90-110	0	20	

MATRIX SPIKE SAMPLE: 3872199

Parameter	Units	50402426001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.2	119	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 845541
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426004

METHOD BLANK: 3872219 Matrix: Water
Associated Lab Samples: 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/23/25 16:12	

LABORATORY CONTROL SAMPLE: 3872220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.2	116	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3872221 3872222

Parameter	Units	50402442001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.2	1.2	121	119	90-110	2	20	

MATRIX SPIKE SAMPLE: 3872223

Parameter	Units	50402442002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.2	120	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 846475 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3876345 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/04/25 19:23	

LABORATORY CONTROL SAMPLE: 3876346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876347 3876348

Parameter	Units	50402195001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	10.6	10.6	99	99	80-120	0	15	

MATRIX SPIKE SAMPLE: 3876349

Parameter	Units	50402195002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	10.1	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-16D **Lab ID: 50402426001** Collected: 05/22/25 11:00 Received: 05/22/25 16:16 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.408 ± 0.707 (1.22) C:NA T:100%**	pCi/L	06/23/25 16:05	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.465 ± 0.398 (0.802) C:77% T:88%**	pCi/L	06/20/25 15:08	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.873 ± 1.11 (2.02)**	pCi/L	06/23/25 16:52	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-16S **Lab ID: 50402426002** Collected: 05/22/25 12:10 Received: 05/22/25 16:16 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.141 ± 0.479 (0.885) C:NA T:93%**	pCi/L	06/23/25 16:05	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.154 ± 0.393 (0.875) C:78% T:86%**	pCi/L	06/20/25 15:08	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.295 ± 0.872 (1.76)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: MW-12D **Lab ID: 50402426003** Collected: 05/22/25 15:00 Received: 05/22/25 16:16 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.577 ± 0.683 (1.13) C:NA T:95%**	pCi/L	06/23/25 16:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.41 ± 0.541 (0.809) C:73% T:89%**	pCi/L	06/20/25 15:08	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.99 ± 1.22 (1.94)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Sample: DUP 5 **Lab ID: 50402426004** Collected: 05/22/25 12:10 Received: 05/22/25 16:16 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.262 ± 0.572 (1.02) C:NA T:90%**	pCi/L	06/23/25 16:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**-0.135 ± 0.425 (1.03) C:67% T:83%**	pCi/L	06/20/25 15:08	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.262 ± 0.997 (2.05)**	pCi/L	06/23/25 16:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 748758
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3646804 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.554 ± 0.406 (0.788) C:77% T:79%	pCi/L	06/20/25 15:07	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

QC Batch: 748757
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

METHOD BLANK: 3646803 Matrix: Water
Associated Lab Samples: 50402426001, 50402426002, 50402426003, 50402426004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.111 ± 0.217 (0.397) C:NA T:98%	pCi/L	06/23/25 15:53	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402426001	**MW-16D**	EPA 9056	846671		
50402426002	**MW-16S**	EPA 9056	846671		
50402426003	**MW-12D**	EPA 9056	846671		
50402426004	**DUP 5**	EPA 9056	846671		
50402426001	**MW-16D**	EPA 3010	845446	EPA 6010	847478
50402426002	**MW-16S**	EPA 3010	845446	EPA 6010	847478
50402426003	**MW-12D**	EPA 3010	845446	EPA 6010	847478
50402426004	**DUP 5**	EPA 3010	845446	EPA 6010	847478
50402426001	**MW-16D**	EPA 3010	845456	EPA 6010	847925
50402426002	**MW-16S**	EPA 3010	845456	EPA 6010	847925
50402426003	**MW-12D**	EPA 3010	845456	EPA 6010	847925
50402426004	**DUP 5**	EPA 3010	845456	EPA 6010	847925
50402426001	**MW-16D**	EPA 200.2	846241	EPA 6020	846543
50402426002	**MW-16S**	EPA 200.2	846241	EPA 6020	846543
50402426003	**MW-12D**	EPA 200.2	846241	EPA 6020	846543
50402426004	**DUP 5**	EPA 200.2	846241	EPA 6020	846543
50402426001	**MW-16D**	EPA 7470	847429	EPA 7470	847729
50402426002	**MW-16S**	EPA 7470	847429	EPA 7470	847729
50402426003	**MW-12D**	EPA 7470	847429	EPA 7470	847729
50402426004	**DUP 5**	EPA 7470	847429	EPA 7470	847729
50402426001	**MW-16D**	EPA 903.1	748757		
50402426002	**MW-16S**	EPA 903.1	748757		
50402426003	**MW-12D**	EPA 903.1	748757		
50402426004	**DUP 5**	EPA 903.1	748757		
50402426001	**MW-16D**	EPA 904.0	748758		
50402426002	**MW-16S**	EPA 904.0	748758		
50402426003	**MW-12D**	EPA 904.0	748758		
50402426004	**DUP 5**	EPA 904.0	748758		
50402426001	**MW-16D**	Total Radium Calculation	753812		
50402426002	**MW-16S**	Total Radium Calculation	753812		
50402426003	**MW-12D**	Total Radium Calculation	753812		
50402426004	**DUP 5**	Total Radium Calculation	753812		
50402426001	**MW-16D**	SM 2320B	847362		
50402426002	**MW-16S**	SM 2320B	847448		
50402426003	**MW-12D**	SM 2320B	847448		
50402426004	**DUP 5**	SM 2320B	847448		
50402426001	**MW-16D**	SM 2540C	846328		
50402426002	**MW-16S**	SM 2540C	846328		
50402426003	**MW-12D**	SM 2540C	846328		
50402426004	**DUP 5**	SM 2540C	846328		
50402426001	**MW-16D**	SM 4500-H+B	846959		
50402426002	**MW-16S**	SM 4500-H+B	846959		
50402426003	**MW-12D**	SM 4500-H+B	846959		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402426

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402426004	**DUP 5**	SM 4500-H+B	846959		
50402426001	**MW-16D**	EPA 353.2	845536		
50402426002	**MW-16S**	EPA 353.2	845536		
50402426003	**MW-12D**	EPA 353.2	845536		
50402426004	**DUP 5**	EPA 353.2	845541		
50402426001	**MW-16D**	SM 5310C	846475		
50402426002	**MW-16S**	SM 5310C	846475		
50402426003	**MW-12D**	SM 5310C	846475		
50402426004	**DUP 5**	SM 5310C	846475		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50402426

50402426

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units
MW-16D	GW	Grab	5-22-25	1100			8		
MW-16S	GW	Grab	5-22-25	1210			8		
MW-12D	GW	Grab	5-22-25	1500			8		
DUP-5	GW	Grab	5-22-25	1210			8		

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA
↓	↓	↓	↓	↓	↓	↓

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day
Signature: Aaron Day

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	A	0.0	1.9	1.9	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Aaron Day / ATLAS	5-22-25 / 1616	Pace	5/22/25 16:16

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier
[ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/22/25 16:43 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 (A) B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 1.9/1.9 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? **Analysis:** 353.2 Nitrate	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1720	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													1			2	1	2	1	1									WT	✓	✓		
2													↓			↓	↓	↓	↓	↓									↓	↓	↓		
3													↓			↓	↓	↓	↓	↓									↓	↓	↓		
4													↓			↓	↓	↓	↓	↓									↓	↓	↓		
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Dear Mr. Breting:

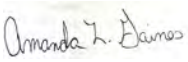
Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402616001	**MW-8D**	Water	05/22/25 11:25	05/23/25 16:30
50402616002	**MW-8S**	Water	05/22/25 13:00	05/23/25 16:30

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402616001	**MW-8D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402616002	**MW-8S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402616001	**MW-8D**					
EPA 9056	Chloride	172	mg/L	2.5	06/05/25 03:22	
EPA 9056	Fluoride	0.27	mg/L	0.10	06/05/25 03:05	
EPA 9056	Sulfate	151	mg/L	2.5	06/05/25 03:22	
EPA 6010	Barium	269	ug/L	10.0	06/07/25 04:42	
EPA 6010	Boron	437	ug/L	100	06/07/25 04:42	
EPA 6010	Calcium	113000	ug/L	1000	06/07/25 04:42	
EPA 6010	Iron	3280	ug/L	100	06/07/25 04:42	
EPA 6010	Magnesium	32400	ug/L	1000	06/07/25 04:42	
EPA 6010	Manganese	627	ug/L	10.0	06/07/25 04:42	
EPA 6010	Molybdenum	55.8	ug/L	10.0	06/07/25 04:42	
EPA 6010	Potassium	5120	ug/L	1000	06/07/25 04:42	
EPA 6010	Sodium	101000	ug/L	1000	06/07/25 04:42	
EPA 6010	Molybdenum, Dissolved	54.3	ug/L	10.0	06/05/25 13:27	
EPA 6020	Arsenic	4.0	ug/L	1.0	05/31/25 13:03	
EPA 903.1	Radium-226	0.850 ± 0.746 (1.18) C:NA T:100%	pCi/L		06/24/25 15:59	
EPA 904.0	Radium-228	0.975 ± 0.418 (0.665) C:86% T:85%	pCi/L		06/23/25 12:39	
Total Radium Calculation	Total Radium	1.83 ± 1.16 (1.85)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	266	mg/L	10.0	06/05/25 08:29	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	266	mg/L	10.0	06/05/25 08:29	
SM 2540C	Total Dissolved Solids	762	mg/L	20.0	05/29/25 11:09	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	06/07/25 13:11	H3
SM 5310C	Dissolved Organic Carbon	2.2	mg/L	1.0	06/05/25 23:17	
50402616002	**MW-8S**					
EPA 9056	Chloride	198	mg/L	2.5	06/05/25 04:31	
EPA 9056	Fluoride	0.12	mg/L	0.10	06/05/25 04:13	
EPA 9056	Sulfate	258	mg/L	2.5	06/05/25 04:31	
EPA 6010	Barium	59.1	ug/L	10.0	06/07/25 04:44	
EPA 6010	Boron	2550	ug/L	100	06/07/25 04:44	
EPA 6010	Calcium	156000	ug/L	1000	06/07/25 04:44	
EPA 6010	Lithium	69.9	ug/L	20.0	06/07/25 04:44	
EPA 6010	Magnesium	38400	ug/L	1000	06/07/25 04:44	
EPA 6010	Manganese	94.3	ug/L	10.0	06/07/25 04:44	
EPA 6010	Molybdenum	163	ug/L	10.0	06/07/25 04:44	
EPA 6010	Potassium	13700	ug/L	1000	06/07/25 04:44	
EPA 6010	Sodium	152000	ug/L	1000	06/07/25 04:44	
EPA 6010	Molybdenum, Dissolved	141	ug/L	10.0	06/05/25 13:29	
EPA 903.1	Radium-226	0.787 ± 0.769 (1.23) C:NA T:95%	pCi/L		06/24/25 15:59	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402616002	**MW-8S**					
EPA 904.0	Radium-228	0.709 ± 0.474 (0.923) C:85% T:87%	pCi/L		06/23/25 12:39	
Total Radium Calculation	Total Radium	1.50 ± 1.24 (2.15)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	384	mg/L	10.0	06/05/25 08:29	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	384	mg/L	10.0	06/05/25 08:29	
SM 2540C	Total Dissolved Solids	1060	mg/L	20.0	05/29/25 11:09	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	06/07/25 13:13	H3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Sample: MW-8D **Lab ID: 50402616001** Collected: 05/22/25 11:25 Received: 05/23/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**172**	mg/L	2.5	1.3	10		06/05/25 03:22	16887-00-6	
Fluoride	**0.27**	mg/L	0.10	0.016	1		06/05/25 03:05	16984-48-8	
Sulfate	**151**	mg/L	2.5	1.9	10		06/05/25 03:22	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**269**	ug/L	10.0	0.68	1	06/04/25 21:09	06/07/25 04:42	7440-39-3	
Boron	**437**	ug/L	100	5.6	1	06/04/25 21:09	06/07/25 04:42	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 21:09	06/07/25 04:42	7440-43-9	
Calcium	**113000**	ug/L	1000	83.9	1	06/04/25 21:09	06/07/25 04:42	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 21:09	06/07/25 04:42	7440-47-3	
Iron	**3280**	ug/L	100	41.0	1	06/04/25 21:09	06/07/25 04:42	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 21:09	06/07/25 04:42	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/04/25 21:09	06/07/25 04:42	7439-93-2	
Magnesium	**32400**	ug/L	1000	53.7	1	06/04/25 21:09	06/07/25 04:42	7439-95-4	
Manganese	**627**	ug/L	10.0	0.77	1	06/04/25 21:09	06/07/25 04:42	7439-96-5	
Molybdenum	**55.8**	ug/L	10.0	1.4	1	06/04/25 21:09	06/07/25 04:42	7439-98-7	
Potassium	**5120**	ug/L	1000	113	1	06/04/25 21:09	06/07/25 04:42	7440-09-7	
Sodium	**101000**	ug/L	1000	95.0	1	06/04/25 21:09	06/07/25 04:42	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**54.3**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:27	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 22:40	05/31/25 13:03	7440-36-0	
Arsenic	**4.0**	ug/L	1.0	0.080	1	05/29/25 22:40	05/31/25 13:03	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 22:40	05/31/25 13:03	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 22:40	05/31/25 13:03	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 22:40	05/31/25 13:03	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 22:40	05/31/25 13:03	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 20:18	06/06/25 11:28	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**266**	mg/L	10.0	10.0	1		06/05/25 08:29		
Alkalinity,Bicarbonate (CaCO3)	**266**	mg/L	10.0	10.0	1		06/05/25 08:29		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/05/25 08:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Sample: MW-8D **Lab ID: 50402616001** Collected: 05/22/25 11:25 Received: 05/23/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**762**	mg/L	20.0	20.0	1		05/29/25 11:09		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		06/07/25 13:11		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/24/25 09:15	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.2**	mg/L	1.0	0.30	1		06/05/25 23:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Sample: MW-8S **Lab ID: 50402616002** Collected: 05/22/25 13:00 Received: 05/23/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**198**	mg/L	2.5	1.3	10		06/05/25 04:31	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.016	1		06/05/25 04:13	16984-48-8	
Sulfate	**258**	mg/L	2.5	1.9	10		06/05/25 04:31	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**59.1**	ug/L	10.0	0.68	1	06/04/25 21:09	06/07/25 04:44	7440-39-3	
Boron	**2550**	ug/L	100	5.6	1	06/04/25 21:09	06/07/25 04:44	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 21:09	06/07/25 04:44	7440-43-9	
Calcium	**156000**	ug/L	1000	83.9	1	06/04/25 21:09	06/07/25 04:44	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 21:09	06/07/25 04:44	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/04/25 21:09	06/07/25 04:44	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 21:09	06/07/25 04:44	7439-92-1	
Lithium	**69.9**	ug/L	20.0	3.8	1	06/04/25 21:09	06/07/25 04:44	7439-93-2	
Magnesium	**38400**	ug/L	1000	53.7	1	06/04/25 21:09	06/07/25 04:44	7439-95-4	
Manganese	**94.3**	ug/L	10.0	0.77	1	06/04/25 21:09	06/07/25 04:44	7439-96-5	
Molybdenum	**163**	ug/L	10.0	1.4	1	06/04/25 21:09	06/07/25 04:44	7439-98-7	
Potassium	**13700**	ug/L	1000	113	1	06/04/25 21:09	06/07/25 04:44	7440-09-7	
Sodium	**152000**	ug/L	1000	95.0	1	06/04/25 21:09	06/07/25 04:44	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**141**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:29	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 22:40	05/31/25 13:07	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/29/25 22:40	05/31/25 13:07	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 22:40	05/31/25 13:07	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 22:40	05/31/25 13:07	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 22:40	05/31/25 13:07	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 22:40	05/31/25 13:07	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 20:18	06/06/25 11:30	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**384**	mg/L	10.0	10.0	1		06/05/25 08:29		
Alkalinity,Bicarbonate (CaCO3)	**384**	mg/L	10.0	10.0	1		06/05/25 08:29		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/05/25 08:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Sample: MW-8S **Lab ID: 50402616002** Collected: 05/22/25 13:00 Received: 05/23/25 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1060**	mg/L	20.0	20.0	1		05/29/25 11:09		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		06/07/25 13:13		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/24/25 09:24	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		06/06/25 18:18		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 846971
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3878762 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/04/25 21:21	
Fluoride	mg/L	ND	0.10	0.016	06/04/25 21:21	
Sulfate	mg/L	ND	0.25	0.19	06/04/25 21:21	

LABORATORY CONTROL SAMPLE: 3878763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.2	90	80-120	
Fluoride	mg/L	1	0.94	94	80-120	
Sulfate	mg/L	5	4.6	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3878764 3878765

Parameter	Units	50402679001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	39.1	25	25	61.8	61.7	91	91	80-120	0	15	
Fluoride	mg/L	1.2	1	1	2.2	2.2	102	100	80-120	1	15	
Sulfate	mg/L	77.2	50	50	123	123	93	92	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 847658
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3881852 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/06/25 10:56	

LABORATORY CONTROL SAMPLE: 3881853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.3	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881854 3881855

Parameter	Units	50402617011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.2	5.1	104	102	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881856 3881857

Parameter	Units	50402641002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	5.0	98	101	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 845767
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3873253 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/07/25 04:38	
Boron	ug/L	ND	100	5.6	06/07/25 04:38	
Cadmium	ug/L	ND	2.0	0.46	06/07/25 04:38	
Calcium	ug/L	ND	1000	83.9	06/07/25 04:38	
Chromium	ug/L	ND	10.0	0.96	06/07/25 04:38	
Iron	ug/L	ND	100	41.0	06/07/25 04:38	
Lead	ug/L	ND	10.0	2.0	06/07/25 04:38	
Lithium	ug/L	ND	20.0	3.8	06/07/25 04:38	
Magnesium	ug/L	ND	1000	53.7	06/07/25 04:38	
Manganese	ug/L	ND	10.0	0.77	06/07/25 04:38	
Molybdenum	ug/L	ND	10.0	1.4	06/07/25 04:38	
Potassium	ug/L	ND	1000	113	06/07/25 04:38	
Sodium	ug/L	ND	1000	95.0	06/07/25 04:38	

LABORATORY CONTROL SAMPLE: 3873254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	946	95	80-120	
Boron	ug/L	1000	921	92	80-120	
Cadmium	ug/L	1000	957	96	80-120	
Calcium	ug/L	10000	9680	97	80-120	
Chromium	ug/L	1000	949	95	80-120	
Iron	ug/L	10000	9530	95	80-120	
Lead	ug/L	1000	926	93	80-120	
Lithium	ug/L	1000	941	94	80-120	
Magnesium	ug/L	10000	9320	93	80-120	
Manganese	ug/L	1000	938	94	80-120	
Molybdenum	ug/L	1000	976	98	80-120	
Potassium	ug/L	10000	9220	92	80-120	
Sodium	ug/L	10000	9430	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3873255 3873256

Parameter	Units	50402644001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	32.4	1000	1000	976	963	94	93	75-125	1	20	
Boron	ug/L	989	1000	1000	1980	1910	99	92	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3873255 3873256

Parameter	Units	50402644001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	969	967	97	97	75-125	0	20	
Calcium	ug/L	159000	10000	10000	170000	166000	110	74	75-125	2	20	P6
Chromium	ug/L	ND	1000	1000	934	922	93	92	75-125	1	20	
Iron	ug/L	ND	10000	10000	9380	9240	93	92	75-125	1	20	
Lead	ug/L	ND	1000	1000	884	887	88	89	75-125	0	20	
Lithium	ug/L	320	1000	1000	1250	1250	93	93	75-125	1	20	
Magnesium	ug/L	70800	10000	10000	81100	79200	103	83	75-125	2	20	
Manganese	ug/L	ND	1000	1000	923	910	92	91	75-125	1	20	
Molybdenum	ug/L	91.6	1000	1000	1080	1070	99	98	75-125	1	20	
Potassium	ug/L	11000	10000	10000	20400	20200	95	92	75-125	1	20	
Sodium	ug/L	275000	10000	10000	290000	281000	146	59	75-125	3	20	E,P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 846019
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3874442 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 12:47	

LABORATORY CONTROL SAMPLE: 3874443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	990	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874444 3874445

Parameter	Units	50402562001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	0.0062J mg/L	1000	1000	971	1020	96	101	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 846454
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3876268 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/31/25 11:00	
Arsenic	ug/L	ND	1.0	0.080	05/31/25 11:00	
Beryllium	ug/L	ND	0.20	0.026	05/31/25 11:00	
Cobalt	ug/L	ND	1.0	0.045	05/31/25 11:00	
Selenium	ug/L	ND	1.0	0.26	05/31/25 11:00	
Thallium	ug/L	ND	1.0	0.052	05/31/25 11:00	

LABORATORY CONTROL SAMPLE: 3876269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.9	105	80-120	
Arsenic	ug/L	40	39.7	99	80-120	
Beryllium	ug/L	40	39.0	97	80-120	
Cobalt	ug/L	40	41.4	103	80-120	
Selenium	ug/L	40	39.7	99	80-120	
Thallium	ug/L	40	40.3	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876270 3876271

Parameter	Units	50402580008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.0	42.6	105	106	75-125	2	20	
Arsenic	ug/L	ND	40	40	39.6	40.3	97	99	75-125	2	20	
Beryllium	ug/L	ND	40	40	38.7	39.6	97	99	75-125	2	20	
Cobalt	ug/L	6.8	40	40	44.4	45.5	94	97	75-125	2	20	
Selenium	ug/L	ND	40	40	42.8	40.8	106	101	75-125	5	20	
Thallium	ug/L	ND	40	40	40.1	41.2	100	103	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 847563
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3881271 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/05/25 08:29	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/05/25 08:29	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/05/25 08:29	

LABORATORY CONTROL SAMPLE: 3881272

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	90-110	

SAMPLE DUPLICATE: 3881273

Parameter	Units	50402607001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	520	503	3	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	520	503	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3881274

Parameter	Units	50402607002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	512	509	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	512	509	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 846334
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3875853 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/29/25 11:05	

LABORATORY CONTROL SAMPLE: 3875854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	295	98	80-120	

SAMPLE DUPLICATE: 3875855

Parameter	Units	50402612007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	210	220	5	10	

SAMPLE DUPLICATE: 3875856

Parameter	Units	50402617011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	305	312	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 848031
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

SAMPLE DUPLICATE: 3884172

Parameter	Units	50399471003 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	9.8	9.9	1	2	H3

SAMPLE DUPLICATE: 3884173

Parameter	Units	50403258001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.5	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 845681
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3872872 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/24/25 08:58	

LABORATORY CONTROL SAMPLE: 3872873

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.1	109	90-110	

MATRIX SPIKE SAMPLE: 3872874

Parameter	Units	50402448003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	0.28	28	90-110	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3872875 3872876

Parameter	Units	50402617011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.33	1	1	1.5	1.4	116	111	90-110	3	20	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 846720
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3877462 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/05/25 17:30	

LABORATORY CONTROL SAMPLE: 3877463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877464 3877465

Parameter	Units	50402433002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	11.5	40	40	50.3	50.3	97	97	80-120	0	15	

MATRIX SPIKE SAMPLE: 3877466

Parameter	Units	50402433003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	13.5	40	52.7	98	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Sample: MW-8D **Lab ID: 50402616001** Collected: 05/22/25 11:25 Received: 05/23/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.850 ± 0.746 (1.18) C:NA T:100%**	pCi/L	06/24/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.975 ± 0.418 (0.665) C:86% T:85%**	pCi/L	06/23/25 12:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.83 ± 1.16 (1.85)**	pCi/L	06/25/25 15:22	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Sample: MW-8S **Lab ID: 50402616002** Collected: 05/22/25 13:00 Received: 05/23/25 16:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.787 ± 0.769 (1.23) C:NA T:95%**	pCi/L	06/24/25 15:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.709 ± 0.474 (0.923) C:85% T:87%**	pCi/L	06/23/25 12:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.50 ± 1.24 (2.15)**	pCi/L	06/25/25 15:22	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 748892
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3647562 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.251 ± 0.349 (0.590) C:NA T:94%	pCi/L	06/24/25 15:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

QC Batch: 748893
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402616001, 50402616002

METHOD BLANK: 3647563 Matrix: Water
Associated Lab Samples: 50402616001, 50402616002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.639 ± 0.320 (0.539) C:83% T:96%	pCi/L	06/23/25 12:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402616

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402616001	**MW-8D**	EPA 9056	846971		
50402616002	**MW-8S**	EPA 9056	846971		
50402616001	**MW-8D**	EPA 3010	845767	EPA 6010	847998
50402616002	**MW-8S**	EPA 3010	845767	EPA 6010	847998
50402616001	**MW-8D**	EPA 3010	846019	EPA 6010	847646
50402616002	**MW-8S**	EPA 3010	846019	EPA 6010	847646
50402616001	**MW-8D**	EPA 200.2	846454	EPA 6020	846724
50402616002	**MW-8S**	EPA 200.2	846454	EPA 6020	846724
50402616001	**MW-8D**	EPA 7470	847658	EPA 7470	847802
50402616002	**MW-8S**	EPA 7470	847658	EPA 7470	847802
50402616001	**MW-8D**	EPA 903.1	748892		
50402616002	**MW-8S**	EPA 903.1	748892		
50402616001	**MW-8D**	EPA 904.0	748893		
50402616002	**MW-8S**	EPA 904.0	748893		
50402616001	**MW-8D**	Total Radium Calculation	754390		
50402616002	**MW-8S**	Total Radium Calculation	754390		
50402616001	**MW-8D**	SM 2320B	847563		
50402616002	**MW-8S**	SM 2320B	847563		
50402616001	**MW-8D**	SM 2540C	846334		
50402616002	**MW-8S**	SM 2540C	846334		
50402616001	**MW-8D**	SM 4500-H+B	848031		
50402616002	**MW-8S**	SM 4500-H+B	848031		
50402616001	**MW-8D**	EPA 353.2	845681		
50402616002	**MW-8S**	EPA 353.2	845681		
50402616001	**MW-8D**	SM 5310C	846720		
50402616002	**MW-8S**	SM 5310C	846720		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50402616

50402616

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: 5 d

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-8D	GW	G			5/22/25	11:25	8			X	X	X	X	X	X	X	
MW-8S	GW	G			5/22/25	13:00	8			X	X	X	X	X	X	X	

Lab Use Only
Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/73
Prelog / Bottle Ord. ID: EZ 3249633

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mark Breting
Signature: Mark Breting

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
		See SCR			

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Mark Breting/Atlas	5/22/25 15:10	Pace	5/23/25 1350	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Pace	5/23/25 1630	Pace	5/23/25 16:30	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 4 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORO-0019_v02_110123 ©

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: IBTM 5/23/25 17:48

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D (E) F G H I

2. Cooler Temperature(s): 2.0/2.7 (Initial/Corrected)

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS IBTM (Client) (Pace) Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		X	All containers needing acid/base preservation have been pH CHECKED? Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	X		
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate/Nitrite	X					
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A X
Rush TAT Requested (4 days or less):		X	Residual Chlorine Check (Total/Amenable/Free Cyanide)			X
Custody Signatures Present?	X		Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent X
Containers Intact?:	X		Trip Blank Present?		X	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	X		Trip Blank Custody Seals?			X
Comments:			Extra labels on Terracore Vials? (soils only)			

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH (only)						AMBER GLASS							PLASTIC									OTHER								
			SBS																													
			DI																													
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
																													HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													—			2	—	2	1	1									SL	1	1		
2													↓			↓	↓	↓	↓	↓										1	1		
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic
NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Dear Mr. Breting:

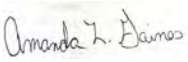
Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402633001	**MW-7S**	Water	05/23/25 11:20	05/23/25 16:50
50402633002	**MW-7D**	Water	05/23/25 12:30	05/23/25 16:50
50402633003	**MW-7D1**	Water	05/23/25 14:50	05/23/25 16:50
50402633004	**DUP-2**	Water	05/23/25 14:50	05/23/25 16:50

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402633001	**MW-7S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402633002	**MW-7D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402633003	**MW-7D1**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402633004	**DUP-2**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402633001	**MW-7S**					
EPA 9056	Chloride	195	mg/L	2.5	06/07/25 18:48	
EPA 9056	Fluoride	0.50	mg/L	0.10	06/07/25 18:31	
EPA 9056	Sulfate	517	mg/L	25.0	06/07/25 19:05	
EPA 6010	Barium	39.5	ug/L	10.0	06/06/25 14:45	
EPA 6010	Boron	11000	ug/L	100	06/06/25 14:45	
EPA 6010	Calcium	224000	ug/L	2000	06/06/25 15:08	
EPA 6010	Iron	3450	ug/L	100	06/06/25 14:45	
EPA 6010	Lithium	78.0	ug/L	20.0	06/06/25 14:45	
EPA 6010	Magnesium	45600	ug/L	1000	06/06/25 14:45	
EPA 6010	Manganese	417	ug/L	10.0	06/06/25 14:45	
EPA 6010	Molybdenum	349	ug/L	10.0	06/09/25 10:06	
EPA 6010	Potassium	15600	ug/L	1000	06/06/25 14:45	
EPA 6010	Sodium	178000	ug/L	1000	06/06/25 14:45	
EPA 6010	Molybdenum, Dissolved	352	ug/L	10.0	06/05/25 13:31	
EPA 6020	Arsenic	366	ug/L	2.0	05/30/25 14:46	
EPA 6020	Cobalt	1.1	ug/L	1.0	05/30/25 14:50	
EPA 903.1	Radium-226	1.02 ± 0.761 (1.14) C:NA T:96%	pCi/L		06/24/25 15:59	
EPA 904.0	Radium-228	1.18 ± 0.513 (0.868) C:84% T:90%	pCi/L		06/23/25 12:39	
Total Radium Calculation	Total Radium	2.20 ± 1.27 (2.01)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	297	mg/L	10.0	06/05/25 11:33	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	297	mg/L	10.0	06/05/25 11:33	
SM 2540C	Total Dissolved Solids	1360	mg/L	20.0	05/30/25 11:12	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	06/03/25 10:57	H3
EPA 353.2	Nitrogen, Nitrate	0.21	mg/L	0.10	05/24/25 10:44	
SM 5310C	Dissolved Organic Carbon	2.3	mg/L	1.0	06/06/25 00:04	
50402633002	**MW-7D**					
EPA 9056	Chloride	215	mg/L	2.5	06/07/25 19:39	
EPA 9056	Fluoride	0.40	mg/L	0.10	06/07/25 19:22	
EPA 9056	Sulfate	582	mg/L	25.0	06/07/25 19:55	
EPA 6010	Barium	45.3	ug/L	10.0	06/06/25 14:47	
EPA 6010	Boron	11400	ug/L	100	06/06/25 14:47	
EPA 6010	Calcium	243000	ug/L	2000	06/06/25 15:10	
EPA 6010	Iron	2490	ug/L	100	06/06/25 14:47	
EPA 6010	Lithium	89.1	ug/L	20.0	06/06/25 14:47	
EPA 6010	Magnesium	47300	ug/L	1000	06/06/25 14:47	
EPA 6010	Manganese	512	ug/L	10.0	06/06/25 14:47	
EPA 6010	Molybdenum	361	ug/L	10.0	06/09/25 10:09	
EPA 6010	Potassium	17000	ug/L	1000	06/06/25 14:47	
EPA 6010	Sodium	181000	ug/L	1000	06/06/25 14:47	
EPA 6010	Molybdenum, Dissolved	349	ug/L	10.0	06/05/25 13:37	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402633002	**MW-7D**					
EPA 6020	Arsenic	483	ug/L	5.0	05/30/25 14:54	
EPA 903.1	Radium-226	-0.0505 ± 0.799 (1.49) C:NA T:98%	pCi/L		06/24/25 15:59	
EPA 904.0	Radium-228	1.61 ± 0.590 (0.900) C:83% T:87%	pCi/L		06/23/25 12:39	
Total Radium Calculation	Total Radium	1.61 ± 1.39 (2.39)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	285	mg/L	10.0	06/05/25 11:33	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	285	mg/L	10.0	06/05/25 11:33	
SM 2540C	Total Dissolved Solids	1430	mg/L	20.0	05/30/25 11:12	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	06/03/25 10:59	H3
SM 5310C	Dissolved Organic Carbon	2.3	mg/L	1.0	06/06/25 00:25	
50402633003	**MW-7D1**					
EPA 9056	Chloride	223	mg/L	2.5	06/07/25 21:03	
EPA 9056	Fluoride	0.21	mg/L	0.10	06/07/25 20:46	
EPA 9056	Sulfate	588	mg/L	25.0	06/07/25 21:19	
EPA 6010	Barium	79.4	ug/L	10.0	06/06/25 14:49	
EPA 6010	Boron	13700	ug/L	100	06/06/25 14:49	
EPA 6010	Calcium	259000	ug/L	2000	06/06/25 15:14	
EPA 6010	Iron	2880	ug/L	100	06/06/25 14:49	
EPA 6010	Lithium	116	ug/L	20.0	06/06/25 14:49	
EPA 6010	Magnesium	47600	ug/L	1000	06/06/25 14:49	
EPA 6010	Manganese	410	ug/L	10.0	06/06/25 14:49	
EPA 6010	Molybdenum	438	ug/L	10.0	06/09/25 10:11	
EPA 6010	Potassium	17400	ug/L	1000	06/06/25 14:49	
EPA 6010	Sodium	175000	ug/L	1000	06/06/25 14:49	
EPA 6010	Molybdenum, Dissolved	389	ug/L	10.0	06/05/25 13:39	
EPA 6020	Arsenic	447	ug/L	5.0	05/31/25 04:01	
EPA 903.1	Radium-226	0.966 ± 0.616 (0.847) C:NA T:98%	pCi/L		06/24/25 15:59	
EPA 904.0	Radium-228	1.61 ± 0.637 (1.00) C:76% T:84%	pCi/L		06/23/25 12:39	
Total Radium Calculation	Total Radium	2.58 ± 1.25 (1.85)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	265	mg/L	10.0	06/05/25 11:33	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	265	mg/L	10.0	06/05/25 11:33	
SM 2540C	Total Dissolved Solids	1480	mg/L	20.0	05/30/25 11:13	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	06/03/25 11:00	H3
SM 5310C	Dissolved Organic Carbon	2.2	mg/L	1.0	06/06/25 00:45	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402633004	**DUP-2**					
EPA 9056	Chloride	225	mg/L	2.5	06/07/25 21:53	
EPA 9056	Fluoride	0.21	mg/L	0.10	06/07/25 21:36	
EPA 9056	Sulfate	606	mg/L	25.0	06/07/25 22:10	
EPA 6010	Barium	78.9	ug/L	10.0	06/06/25 14:52	
EPA 6010	Boron	13700	ug/L	100	06/06/25 14:52	
EPA 6010	Calcium	251000	ug/L	2000	06/06/25 15:16	
EPA 6010	Iron	2860	ug/L	100	06/06/25 14:52	
EPA 6010	Lithium	114	ug/L	20.0	06/06/25 14:52	
EPA 6010	Magnesium	47700	ug/L	1000	06/06/25 14:52	
EPA 6010	Manganese	409	ug/L	10.0	06/06/25 14:52	
EPA 6010	Molybdenum	428	ug/L	10.0	06/09/25 10:13	
EPA 6010	Potassium	17100	ug/L	1000	06/06/25 14:52	
EPA 6010	Sodium	173000	ug/L	1000	06/06/25 14:52	
EPA 6010	Molybdenum, Dissolved	385	ug/L	10.0	06/05/25 13:41	
EPA 6020	Arsenic	438	ug/L	5.0	05/30/25 15:13	
EPA 903.1	Radium-226	0.940 ± 0.703 (1.04) C:NA T:91%	pCi/L		06/24/25 16:11	
EPA 904.0	Radium-228	0.956 ± 0.506 (0.914) C:81% T:84%	pCi/L		06/23/25 12:40	
Total Radium Calculation	Total Radium	1.90 ± 1.21 (1.95)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	270	mg/L	10.0	06/05/25 11:33	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	270	mg/L	10.0	06/05/25 11:33	
SM 2540C	Total Dissolved Solids	1460	mg/L	20.0	05/30/25 11:13	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	06/03/25 11:01	H3
SM 5310C	Dissolved Organic Carbon	3.4	mg/L	2.0	06/06/25 18:38	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7S **Lab ID: 50402633001** Collected: 05/23/25 11:20 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**195**	mg/L	2.5	1.3	10		06/07/25 18:48	16887-00-6	
Fluoride	**0.50**	mg/L	0.10	0.016	1		06/07/25 18:31	16984-48-8	
Sulfate	**517**	mg/L	25.0	19.0	100		06/07/25 19:05	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**39.5**	ug/L	10.0	0.68	1	06/04/25 15:01	06/06/25 14:45	7440-39-3	
Boron	**11000**	ug/L	100	5.6	1	06/04/25 15:01	06/06/25 14:45	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 15:01	06/06/25 14:45	7440-43-9	
Calcium	**224000**	ug/L	2000	168	2	06/04/25 15:01	06/06/25 15:08	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 15:01	06/06/25 14:45	7440-47-3	
Iron	**3450**	ug/L	100	41.0	1	06/04/25 15:01	06/06/25 14:45	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 15:01	06/06/25 14:45	7439-92-1	
Lithium	**78.0**	ug/L	20.0	3.8	1	06/04/25 15:01	06/06/25 14:45	7439-93-2	
Magnesium	**45600**	ug/L	1000	53.7	1	06/04/25 15:01	06/06/25 14:45	7439-95-4	
Manganese	**417**	ug/L	10.0	0.77	1	06/04/25 15:01	06/06/25 14:45	7439-96-5	
Molybdenum	**349**	ug/L	10.0	1.4	1	06/04/25 15:01	06/09/25 10:06	7439-98-7	
Potassium	**15600**	ug/L	1000	113	1	06/04/25 15:01	06/06/25 14:45	7440-09-7	
Sodium	**178000**	ug/L	1000	95.0	1	06/04/25 15:01	06/06/25 14:45	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**352**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:31	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 14:50	7440-36-0	
Arsenic	**366**	ug/L	2.0	0.16	2	05/29/25 09:37	05/30/25 14:46	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/30/25 14:50	7440-41-7	
Cobalt	**1.1**	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 14:50	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 14:50	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 14:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 20:18	06/06/25 11:33	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**297**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Bicarbonate (CaCO3)	**297**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/05/25 11:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7S **Lab ID: 50402633001** Collected: 05/23/25 11:20 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1360**	mg/L	20.0	20.0	1		05/30/25 11:12		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		06/03/25 10:57		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.21**	mg/L	0.10	0.013	1		05/24/25 10:44	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.3**	mg/L	1.0	0.30	1		06/06/25 00:04		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7D **Lab ID: 50402633002** Collected: 05/23/25 12:30 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**215**	mg/L	2.5	1.3	10		06/07/25 19:39	16887-00-6	
Fluoride	**0.40**	mg/L	0.10	0.016	1		06/07/25 19:22	16984-48-8	
Sulfate	**582**	mg/L	25.0	19.0	100		06/07/25 19:55	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**45.3**	ug/L	10.0	0.68	1	06/04/25 15:01	06/06/25 14:47	7440-39-3	
Boron	**11400**	ug/L	100	5.6	1	06/04/25 15:01	06/06/25 14:47	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 15:01	06/06/25 14:47	7440-43-9	
Calcium	**243000**	ug/L	2000	168	2	06/04/25 15:01	06/06/25 15:10	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 15:01	06/06/25 14:47	7440-47-3	
Iron	**2490**	ug/L	100	41.0	1	06/04/25 15:01	06/06/25 14:47	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 15:01	06/06/25 14:47	7439-92-1	
Lithium	**89.1**	ug/L	20.0	3.8	1	06/04/25 15:01	06/06/25 14:47	7439-93-2	
Magnesium	**47300**	ug/L	1000	53.7	1	06/04/25 15:01	06/06/25 14:47	7439-95-4	
Manganese	**512**	ug/L	10.0	0.77	1	06/04/25 15:01	06/06/25 14:47	7439-96-5	
Molybdenum	**361**	ug/L	10.0	1.4	1	06/04/25 15:01	06/09/25 10:09	7439-98-7	
Potassium	**17000**	ug/L	1000	113	1	06/04/25 15:01	06/06/25 14:47	7440-09-7	
Sodium	**181000**	ug/L	1000	95.0	1	06/04/25 15:01	06/06/25 14:47	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**349**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:37	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 15:05	7440-36-0	
Arsenic	**483**	ug/L	5.0	0.40	5	05/29/25 09:37	05/30/25 14:54	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/30/25 15:05	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 15:05	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 15:05	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 15:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 20:18	06/06/25 11:35	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**285**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Bicarbonate (CaCO3)	**285**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/05/25 11:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7D **Lab ID: 50402633002** Collected: 05/23/25 12:30 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1430**	mg/L	20.0	20.0	1		05/30/25 11:12		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		06/03/25 10:59		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/24/25 10:46	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.3**	mg/L	1.0	0.30	1		06/06/25 00:25		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7D1 **Lab ID: 50402633003** Collected: 05/23/25 14:50 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**223**	mg/L	2.5	1.3	10		06/07/25 21:03	16887-00-6	
Fluoride	**0.21**	mg/L	0.10	0.016	1		06/07/25 20:46	16984-48-8	
Sulfate	**588**	mg/L	25.0	19.0	100		06/07/25 21:19	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**79.4**	ug/L	10.0	0.68	1	06/04/25 15:01	06/06/25 14:49	7440-39-3	
Boron	**13700**	ug/L	100	5.6	1	06/04/25 15:01	06/06/25 14:49	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 15:01	06/06/25 14:49	7440-43-9	
Calcium	**259000**	ug/L	2000	168	2	06/04/25 15:01	06/06/25 15:14	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 15:01	06/06/25 14:49	7440-47-3	
Iron	**2880**	ug/L	100	41.0	1	06/04/25 15:01	06/06/25 14:49	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 15:01	06/06/25 14:49	7439-92-1	
Lithium	**116**	ug/L	20.0	3.8	1	06/04/25 15:01	06/06/25 14:49	7439-93-2	
Magnesium	**47600**	ug/L	1000	53.7	1	06/04/25 15:01	06/06/25 14:49	7439-95-4	
Manganese	**410**	ug/L	10.0	0.77	1	06/04/25 15:01	06/06/25 14:49	7439-96-5	
Molybdenum	**438**	ug/L	10.0	1.4	1	06/04/25 15:01	06/09/25 10:11	7439-98-7	
Potassium	**17400**	ug/L	1000	113	1	06/04/25 15:01	06/06/25 14:49	7440-09-7	
Sodium	**175000**	ug/L	1000	95.0	1	06/04/25 15:01	06/06/25 14:49	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**389**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:39	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 15:09	7440-36-0	
Arsenic	**447**	ug/L	5.0	0.40	5	05/29/25 09:37	05/31/25 04:01	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/30/25 15:09	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 15:09	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 15:09	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 15:09	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 20:18	06/06/25 11:38	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**265**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Bicarbonate (CaCO3)	**265**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/05/25 11:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7D1 **Lab ID: 50402633003** Collected: 05/23/25 14:50 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1480**	mg/L	20.0	20.0	1		05/30/25 11:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		06/03/25 11:00		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/24/25 10:48	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.2**	mg/L	1.0	0.30	1		06/06/25 00:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: DUP-2 **Lab ID: 50402633004** Collected: 05/23/25 14:50 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**225**	mg/L	2.5	1.3	10		06/07/25 21:53	16887-00-6	
Fluoride	**0.21**	mg/L	0.10	0.016	1		06/07/25 21:36	16984-48-8	
Sulfate	**606**	mg/L	25.0	19.0	100		06/07/25 22:10	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**78.9**	ug/L	10.0	0.68	1	06/04/25 15:01	06/06/25 14:52	7440-39-3	
Boron	**13700**	ug/L	100	5.6	1	06/04/25 15:01	06/06/25 14:52	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 15:01	06/06/25 14:52	7440-43-9	
Calcium	**251000**	ug/L	2000	168	2	06/04/25 15:01	06/06/25 15:16	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 15:01	06/06/25 14:52	7440-47-3	
Iron	**2860**	ug/L	100	41.0	1	06/04/25 15:01	06/06/25 14:52	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 15:01	06/06/25 14:52	7439-92-1	
Lithium	**114**	ug/L	20.0	3.8	1	06/04/25 15:01	06/06/25 14:52	7439-93-2	
Magnesium	**47700**	ug/L	1000	53.7	1	06/04/25 15:01	06/06/25 14:52	7439-95-4	
Manganese	**409**	ug/L	10.0	0.77	1	06/04/25 15:01	06/06/25 14:52	7439-96-5	
Molybdenum	**428**	ug/L	10.0	1.4	1	06/04/25 15:01	06/09/25 10:13	7439-98-7	
Potassium	**17100**	ug/L	1000	113	1	06/04/25 15:01	06/06/25 14:52	7440-09-7	
Sodium	**173000**	ug/L	1000	95.0	1	06/04/25 15:01	06/06/25 14:52	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**385**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:41	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/29/25 09:37	05/30/25 15:21	7440-36-0	
Arsenic	**438**	ug/L	5.0	0.40	5	05/29/25 09:37	05/30/25 15:13	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/29/25 09:37	05/30/25 15:21	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/29/25 09:37	05/30/25 15:21	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/29/25 09:37	05/30/25 15:21	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/29/25 09:37	05/30/25 15:21	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/05/25 20:18	06/06/25 11:40	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**270**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Bicarbonate (CaCO3)	**270**	mg/L	10.0	10.0	1		06/05/25 11:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/05/25 11:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: DUP-2 **Lab ID: 50402633004** Collected: 05/23/25 14:50 Received: 05/23/25 16:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1460**	mg/L	20.0	20.0	1		05/30/25 11:13		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		06/03/25 11:01		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/24/25 10:50	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**3.4**	mg/L	2.0	0.60	2		06/06/25 18:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 847206
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3879604 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/07/25 17:24	
Fluoride	mg/L	ND	0.10	0.016	06/07/25 17:24	
Sulfate	mg/L	ND	0.25	0.19	06/07/25 17:24	

LABORATORY CONTROL SAMPLE: 3879605

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	92	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879606 3879607

Parameter	Units	50402666002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	22.2	25	25	44.3	43.9	89	87	80-120	1	15	
Fluoride	mg/L	ND	1	1	0.85	0.87	85	87	80-120	2	15	
Sulfate	mg/L	1170	500	500	1600	1590	87	84	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 847658
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3881852 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/06/25 10:56	

LABORATORY CONTROL SAMPLE: 3881853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.3	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881854 3881855

Parameter	Units	50402617011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.2	5.1	104	102	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881856 3881857

Parameter	Units	50402641002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	5.0	98	101	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 845763
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3873237 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/06/25 13:43	
Boron	ug/L	ND	100	5.6	06/06/25 13:43	
Cadmium	ug/L	ND	2.0	0.46	06/06/25 13:43	
Calcium	ug/L	ND	1000	83.9	06/06/25 13:43	
Chromium	ug/L	ND	10.0	0.96	06/06/25 13:43	
Iron	ug/L	ND	100	41.0	06/06/25 13:43	
Lead	ug/L	ND	10.0	2.0	06/06/25 13:43	
Lithium	ug/L	ND	20.0	3.8	06/06/25 13:43	
Magnesium	ug/L	ND	1000	53.7	06/06/25 13:43	
Manganese	ug/L	ND	10.0	0.77	06/06/25 13:43	
Molybdenum	ug/L	ND	10.0	1.4	06/06/25 13:43	
Potassium	ug/L	ND	1000	113	06/06/25 13:43	
Sodium	ug/L	ND	1000	95.0	06/06/25 13:43	

LABORATORY CONTROL SAMPLE: 3873238

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1040	104	80-120	
Boron	ug/L	1000	1010	101	80-120	
Cadmium	ug/L	1000	1030	103	80-120	
Calcium	ug/L	10000	10800	108	80-120	
Chromium	ug/L	1000	1080	108	80-120	
Iron	ug/L	10000	10400	104	80-120	
Lead	ug/L	1000	1010	101	80-120	
Lithium	ug/L	1000	1050	105	80-120	
Magnesium	ug/L	10000	10400	104	80-120	
Manganese	ug/L	1000	1020	102	80-120	
Molybdenum	ug/L	1000	1070	107	80-120	
Potassium	ug/L	10000	10400	104	80-120	
Sodium	ug/L	10000	10400	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3873239 3873240

Parameter	Units	50402453001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	59.3	1000	1000	1080	1110	102	105	75-125	3	20	
Boron	ug/L	204	1000	1000	1230	1250	103	104	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3873239 3873240

Parameter	Units	50402453001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	<2.0	1000	1000	1020	1050	102	105	75-125	3	20	
Calcium	ug/L	240000	10000	10000	261000	254000	212	145	75-125	3	20	P6
Chromium	ug/L	<10.0	1000	1000	1030	1070	103	107	75-125	3	20	
Iron	ug/L	<100	10000	10000	9980	10200	99	101	75-125	2	20	
Lead	ug/L	<10.0	1000	1000	960	988	96	99	75-125	3	20	
Lithium	ug/L	25.2	1000	1000	1060	1100	104	107	75-125	3	20	
Magnesium	ug/L	75900	10000	10000	87200	87000	112	111	75-125	0	20	
Manganese	ug/L	1860	1000	1000	2850	2870	98	100	75-125	1	20	
Molybdenum	ug/L	<10.0	1000	1000	1070	1110	107	110	75-125	3	20	
Potassium	ug/L	12300	10000	10000	22700	23300	104	110	75-125	3	20	
Sodium	ug/L	31400	10000	10000	41700	42400	103	110	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 846019
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3874442 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 12:47	

LABORATORY CONTROL SAMPLE: 3874443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	990	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874444 3874445

Parameter	Units	50402562001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	0.0062J mg/L	1000	1000	971	1020	96	101	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 846243
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3875326 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	05/30/25 03:14	
Arsenic	ug/L	ND	1.0	0.080	05/30/25 03:14	
Beryllium	ug/L	ND	0.20	0.026	05/30/25 03:14	
Cobalt	ug/L	ND	1.0	0.045	05/30/25 03:14	
Selenium	ug/L	ND	1.0	0.26	05/30/25 03:14	
Thallium	ug/L	ND	1.0	0.052	05/30/25 03:14	

LABORATORY CONTROL SAMPLE: 3875327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	39.5	99	80-120	
Arsenic	ug/L	40	38.6	96	80-120	
Beryllium	ug/L	40	38.0	95	80-120	
Cobalt	ug/L	40	40.1	100	80-120	
Selenium	ug/L	40	39.8	100	80-120	
Thallium	ug/L	40	40.5	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875328 3875329

Parameter	Units	50402752003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.5	40.9	104	102	75-125	1	20	
Arsenic	ug/L	ND	40	40	39.4	39.6	98	99	75-125	1	20	
Beryllium	ug/L	ND	40	40	40.8	40.1	102	100	75-125	2	20	
Cobalt	ug/L	ND	40	40	39.3	38.8	97	96	75-125	1	20	
Selenium	ug/L	ND	40	40	40.3	40.0	100	99	75-125	1	20	
Thallium	ug/L	ND	40	40	40.9	40.7	102	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 847571 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3881301 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/05/25 11:33	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/05/25 11:33	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/05/25 11:33	

LABORATORY CONTROL SAMPLE: 3881302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.6	101	90-110	

SAMPLE DUPLICATE: 3881303

Parameter	Units	50402701001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	629	623	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	629	623	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3881304

Parameter	Units	50402701002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	598	590	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	598	590	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 846623 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3877023 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/30/25 11:08	

LABORATORY CONTROL SAMPLE: 3877024

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	271	90	80-120	

SAMPLE DUPLICATE: 3877025

Parameter	Units	50402528001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2960	2990	1	10	

SAMPLE DUPLICATE: 3877026

Parameter	Units	50402641002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2270	2230	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 847154
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

SAMPLE DUPLICATE: 3879454

Parameter	Units	50402360001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.7	2	2	H3

SAMPLE DUPLICATE: 3879455

Parameter	Units	50402641002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.3	3	2	H3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 845682 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3872877 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/24/25 09:54	

LABORATORY CONTROL SAMPLE: 3872878

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.1	109	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3872879 3872880

Parameter	Units	50402617006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	0.21	1	1	1.3	1.3	112	111	90-110	0	20	

MATRIX SPIKE SAMPLE: 3872972

Parameter	Units	50402633004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	ND	1	1.1	109	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 846720
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3877462 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/05/25 17:30	

LABORATORY CONTROL SAMPLE: 3877463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877464 3877465

Parameter	Units	50402433002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	11.5	40	40	50.3	50.3	97	97	80-120	0	15	

MATRIX SPIKE SAMPLE: 3877466

Parameter	Units	50402433003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	13.5	40	52.7	98	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7S **Lab ID: 50402633001** Collected: 05/23/25 11:20 Received: 05/23/25 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.02 ± 0.761 (1.14) C:NA T:96%**	pCi/L	06/24/25 15:59		
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.18 ± 0.513 (0.868) C:84% T:90%**	pCi/L	06/23/25 12:39		
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.20 ± 1.27 (2.01)**	pCi/L	06/25/25 15:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7D **Lab ID: 50402633002** Collected: 05/23/25 12:30 Received: 05/23/25 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0505 ± 0.799 (1.49) C:NA T:98%**	pCi/L	06/24/25 15:59		
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.61 ± 0.590 (0.900) C:83% T:87%**	pCi/L	06/23/25 12:39		
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.61 ± 1.39 (2.39)**	pCi/L	06/25/25 15:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: MW-7D1 **Lab ID: 50402633003** Collected: 05/23/25 14:50 Received: 05/23/25 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.966 ± 0.616 (0.847) C:NA T:98%**	pCi/L	06/24/25 15:59		
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.61 ± 0.637 (1.00) C:76% T:84%**	pCi/L	06/23/25 12:39		
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.58 ± 1.25 (1.85)**	pCi/L	06/25/25 15:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Sample: DUP-2 **Lab ID: 50402633004** Collected: 05/23/25 14:50 Received: 05/23/25 16:50 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.940 ± 0.703 (1.04) C:NA T:91%**	pCi/L	06/24/25 16:11		
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.956 ± 0.506 (0.914) C:81% T:84%**	pCi/L	06/23/25 12:40		
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.90 ± 1.21 (1.95)**	pCi/L	06/25/25 15:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 748892
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3647562 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.251 ± 0.349 (0.590) C:NA T:94%	pCi/L	06/24/25 15:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

QC Batch: 748893
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

METHOD BLANK: 3647563 Matrix: Water
Associated Lab Samples: 50402633001, 50402633002, 50402633003, 50402633004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.639 ± 0.320 (0.539) C:83% T:96%	pCi/L	06/23/25 12:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402633001	**MW-7S**	EPA 9056	847206		
50402633002	**MW-7D**	EPA 9056	847206		
50402633003	**MW-7D1**	EPA 9056	847206		
50402633004	**DUP-2**	EPA 9056	847206		
50402633001	**MW-7S**	EPA 3010	845763	EPA 6010	847892
50402633002	**MW-7D**	EPA 3010	845763	EPA 6010	847892
50402633003	**MW-7D1**	EPA 3010	845763	EPA 6010	847892
50402633004	**DUP-2**	EPA 3010	845763	EPA 6010	847892
50402633001	**MW-7S**	EPA 3010	846019	EPA 6010	847646
50402633002	**MW-7D**	EPA 3010	846019	EPA 6010	847646
50402633003	**MW-7D1**	EPA 3010	846019	EPA 6010	847646
50402633004	**DUP-2**	EPA 3010	846019	EPA 6010	847646
50402633001	**MW-7S**	EPA 200.2	846243	EPA 6020	846544
50402633002	**MW-7D**	EPA 200.2	846243	EPA 6020	846544
50402633003	**MW-7D1**	EPA 200.2	846243	EPA 6020	846544
50402633004	**DUP-2**	EPA 200.2	846243	EPA 6020	846544
50402633001	**MW-7S**	EPA 7470	847658	EPA 7470	847802
50402633002	**MW-7D**	EPA 7470	847658	EPA 7470	847802
50402633003	**MW-7D1**	EPA 7470	847658	EPA 7470	847802
50402633004	**DUP-2**	EPA 7470	847658	EPA 7470	847802
50402633001	**MW-7S**	EPA 903.1	748892		
50402633002	**MW-7D**	EPA 903.1	748892		
50402633003	**MW-7D1**	EPA 903.1	748892		
50402633004	**DUP-2**	EPA 903.1	748892		
50402633001	**MW-7S**	EPA 904.0	748893		
50402633002	**MW-7D**	EPA 904.0	748893		
50402633003	**MW-7D1**	EPA 904.0	748893		
50402633004	**DUP-2**	EPA 904.0	748893		
50402633001	**MW-7S**	Total Radium Calculation	754390		
50402633002	**MW-7D**	Total Radium Calculation	754390		
50402633003	**MW-7D1**	Total Radium Calculation	754390		
50402633004	**DUP-2**	Total Radium Calculation	754390		
50402633001	**MW-7S**	SM 2320B	847571		
50402633002	**MW-7D**	SM 2320B	847571		
50402633003	**MW-7D1**	SM 2320B	847571		
50402633004	**DUP-2**	SM 2320B	847571		
50402633001	**MW-7S**	SM 2540C	846623		
50402633002	**MW-7D**	SM 2540C	846623		
50402633003	**MW-7D1**	SM 2540C	846623		
50402633004	**DUP-2**	SM 2540C	846623		
50402633001	**MW-7S**	SM 4500-H+B	847154		
50402633002	**MW-7D**	SM 4500-H+B	847154		
50402633003	**MW-7D1**	SM 4500-H+B	847154		
50402633004	**DUP-2**	SM 4500-H+B	847154		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402633001	**MW-7S**	EPA 353.2	845682		
50402633002	**MW-7D**	EPA 353.2	845682		
50402633003	**MW-7D1**	EPA 353.2	845682		
50402633004	**DUP-2**	EPA 353.2	845682		
50402633001	**MW-7S**	SM 5310C	846720		
50402633002	**MW-7D**	SM 5310C	846720		
50402633003	**MW-7D1**	SM 5310C	846720		
50402633004	**DUP-2**	SM 5310C	846720		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50402633

50402633

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-7S	GW	Grab	5-23-25	1120			8										
MW-7D	GW	Grab	5-23-25	1230			8										
MW-7D1	GW	Grab	5-23-25	1450			8										
DUP-2	GW	Grab	5-23-25	1450			8										

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Aaron Day
Signature: Aaron Day

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	C	-0.1	3.8	3.7	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Aaron Day / ATLAS	5-23-25 / 1650		5/23 16:50	
FF				Delivered by: [ ] In-Person [ ] Courier
				[ ] FedEx [ ] UPS [ ] Other
				Page: 4 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace

SAMPLE CONDITION UPON RECEIPT FORM

ate/Time and Initials of person examining contents: 5/23 17:32 JS

. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

. Cooler Temperature(s): 3.8/3.7
(Initial/Corrected)
RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap Bubble Bags None Other _____

4. Ice Type: Wet Blue None

3. Was the PM notified of out of temp cooler?: Yes No
(leave blank if samples are in temp)

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS Client Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes No
(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** Nitrate	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Comments:		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			

COC PAGE 1 **of** 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS AG0U	AG1H	AG1U	AG3U	AG3S (1L SM5/24)	AG3SF	AG3B	PLASTIC BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												1				2	1	2	1	1									WT	✓			
2												↓				↓	↓	↓	↓	↓									↓	↓			
3												↓				↓	↓	↓	↓	↓									↓	↓			
4												↓				↓	↓	↓	↓	↓									↓	↓			
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Dear Mr. Breting:

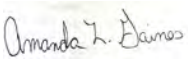
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402725001	**MW-13S**	Water	05/27/25 13:00	05/27/25 16:00
50402725002	**MW-13D**	Water	05/27/25 15:15	05/27/25 16:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402725001	**MW-13S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402725002	**MW-13D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	NWB	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402725001	**MW-13S**					
EPA 9056	Chloride	194	mg/L	2.5	06/08/25 08:47	
EPA 9056	Fluoride	0.64	mg/L	0.10	06/08/25 08:30	
EPA 9056	Sulfate	516	mg/L	25.0	06/08/25 09:04	
EPA 6010	Barium	49.2	ug/L	10.0	06/09/25 02:45	
EPA 6010	Boron	10300	ug/L	100	06/09/25 02:45	
EPA 6010	Calcium	194000	ug/L	2000	06/09/25 03:42	
EPA 6010	Iron	1760	ug/L	100	06/09/25 02:45	
EPA 6010	Lithium	57.1	ug/L	20.0	06/09/25 02:45	
EPA 6010	Magnesium	45800	ug/L	1000	06/09/25 02:45	
EPA 6010	Manganese	420	ug/L	10.0	06/09/25 02:45	
EPA 6010	Molybdenum	296	ug/L	10.0	06/09/25 02:45	
EPA 6010	Potassium	13200	ug/L	1000	06/09/25 02:45	
EPA 6010	Sodium	167000	ug/L	1000	06/09/25 02:45	
EPA 6010	Molybdenum, Dissolved	264	ug/L	10.0	06/05/25 13:43	
EPA 6020	Arsenic	301	ug/L	2.0	06/03/25 02:49	
EPA 903.1	Radium-226	0.602 ± 0.423 (0.540) C:NA T:99%	pCi/L		06/24/25 16:11	
EPA 904.0	Radium-228	1.18 ± 0.513 (0.870) C:84% T:90%	pCi/L		06/23/25 12:40	
Total Radium Calculation	Total Radium	1.78 ± 0.936 (1.41)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	313	mg/L	10.0	06/06/25 11:13	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	313	mg/L	10.0	06/06/25 11:13	
SM 2540C	Total Dissolved Solids	1340	mg/L	20.0	05/30/25 11:40	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/03/25 15:22	H3
SM 5310C	Dissolved Organic Carbon	2.9	mg/L	1.0	06/06/25 01:26	
50402725002	**MW-13D**					
EPA 9056	Chloride	196	mg/L	2.5	06/08/25 10:11	
EPA 9056	Fluoride	0.48	mg/L	0.10	06/08/25 09:54	
EPA 9056	Sulfate	637	mg/L	25.0	06/08/25 10:28	
EPA 6010	Barium	33.0	ug/L	10.0	06/09/25 02:47	
EPA 6010	Boron	13100	ug/L	100	06/09/25 02:47	
EPA 6010	Calcium	230000	ug/L	2000	06/09/25 03:44	
EPA 6010	Iron	2660	ug/L	100	06/09/25 02:47	
EPA 6010	Lithium	76.3	ug/L	20.0	06/09/25 02:47	
EPA 6010	Magnesium	49900	ug/L	1000	06/09/25 02:47	
EPA 6010	Manganese	197	ug/L	10.0	06/09/25 02:47	
EPA 6010	Molybdenum	268	ug/L	10.0	06/09/25 02:47	
EPA 6010	Potassium	17500	ug/L	1000	06/09/25 02:47	
EPA 6010	Sodium	175000	ug/L	1000	06/09/25 02:47	
EPA 6010	Molybdenum, Dissolved	264	ug/L	10.0	06/05/25 13:46	
EPA 6020	Arsenic	248	ug/L	2.0	06/03/25 02:52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402725002	**MW-13D**					
EPA 903.1	Radium-226	0.942 ± 0.614 (0.832) C:NA T:97%	pCi/L		06/24/25 16:11	
EPA 904.0	Radium-228	1.60 ± 0.542 (0.766) C:80% T:93%	pCi/L		06/23/25 12:40	
Total Radium Calculation	Total Radium	2.54 ± 1.16 (1.60)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	262	mg/L	10.0	06/06/25 11:13	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	262	mg/L	10.0	06/06/25 11:13	
SM 2540C	Total Dissolved Solids	1510	mg/L	20.0	05/30/25 11:40	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/03/25 15:25	H3
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	06/06/25 02:32	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Sample: MW-13S **Lab ID: 50402725001** Collected: 05/27/25 13:00 Received: 05/27/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**194**	mg/L	2.5	1.3	10		06/08/25 08:47	16887-00-6	
Fluoride	**0.64**	mg/L	0.10	0.016	1		06/08/25 08:30	16984-48-8	
Sulfate	**516**	mg/L	25.0	19.0	100		06/08/25 09:04	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**49.2**	ug/L	10.0	0.68	1	06/04/25 21:00	06/09/25 02:45	7440-39-3	
Boron	**10300**	ug/L	100	5.6	1	06/04/25 21:00	06/09/25 02:45	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 21:00	06/09/25 02:45	7440-43-9	
Calcium	**194000**	ug/L	2000	168	2	06/04/25 21:00	06/09/25 03:42	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 21:00	06/09/25 02:45	7440-47-3	
Iron	**1760**	ug/L	100	41.0	1	06/04/25 21:00	06/09/25 02:45	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 21:00	06/09/25 02:45	7439-92-1	
Lithium	**57.1**	ug/L	20.0	3.8	1	06/04/25 21:00	06/09/25 02:45	7439-93-2	
Magnesium	**45800**	ug/L	1000	53.7	1	06/04/25 21:00	06/09/25 02:45	7439-95-4	
Manganese	**420**	ug/L	10.0	0.77	1	06/04/25 21:00	06/09/25 02:45	7439-96-5	
Molybdenum	**296**	ug/L	10.0	1.4	1	06/04/25 21:00	06/09/25 02:45	7439-98-7	
Potassium	**13200**	ug/L	1000	113	1	06/04/25 21:00	06/09/25 02:45	7440-09-7	
Sodium	**167000**	ug/L	1000	95.0	1	06/04/25 21:00	06/09/25 02:45	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**264**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:43	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 04:25	7440-36-0	
Arsenic	**301**	ug/L	2.0	0.16	2	05/31/25 15:14	06/03/25 02:49	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/02/25 04:25	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 04:25	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 04:25	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 04:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/08/25 20:50	06/09/25 10:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**313**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Bicarbonate (CaCO3)	**313**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/06/25 11:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Sample: MW-13S **Lab ID: 50402725001** Collected: 05/27/25 13:00 Received: 05/27/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1340**	mg/L	20.0	20.0	1		05/30/25 11:40		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/03/25 15:22		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/28/25 15:46	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.9**	mg/L	1.0	0.30	1		06/06/25 01:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Sample: MW-13D **Lab ID: 50402725002** Collected: 05/27/25 15:15 Received: 05/27/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**196**	mg/L	2.5	1.3	10		06/08/25 10:11	16887-00-6	
Fluoride	**0.48**	mg/L	0.10	0.016	1		06/08/25 09:54	16984-48-8	
Sulfate	**637**	mg/L	25.0	19.0	100		06/08/25 10:28	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**33.0**	ug/L	10.0	0.68	1	06/04/25 21:00	06/09/25 02:47	7440-39-3	
Boron	**13100**	ug/L	100	5.6	1	06/04/25 21:00	06/09/25 02:47	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 21:00	06/09/25 02:47	7440-43-9	
Calcium	**230000**	ug/L	2000	168	2	06/04/25 21:00	06/09/25 03:44	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 21:00	06/09/25 02:47	7440-47-3	
Iron	**2660**	ug/L	100	41.0	1	06/04/25 21:00	06/09/25 02:47	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 21:00	06/09/25 02:47	7439-92-1	
Lithium	**76.3**	ug/L	20.0	3.8	1	06/04/25 21:00	06/09/25 02:47	7439-93-2	
Magnesium	**49900**	ug/L	1000	53.7	1	06/04/25 21:00	06/09/25 02:47	7439-95-4	
Manganese	**197**	ug/L	10.0	0.77	1	06/04/25 21:00	06/09/25 02:47	7439-96-5	
Molybdenum	**268**	ug/L	10.0	1.4	1	06/04/25 21:00	06/09/25 02:47	7439-98-7	
Potassium	**17500**	ug/L	1000	113	1	06/04/25 21:00	06/09/25 02:47	7440-09-7	
Sodium	**175000**	ug/L	1000	95.0	1	06/04/25 21:00	06/09/25 02:47	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**264**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 13:46	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 04:28	7440-36-0	
Arsenic	**248**	ug/L	2.0	0.16	2	05/31/25 15:14	06/03/25 02:52	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/02/25 04:28	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 04:28	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 04:28	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 04:28	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/08/25 20:50	06/09/25 10:18	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**262**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Bicarbonate (CaCO3)	**262**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/06/25 11:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Sample: MW-13D **Lab ID: 50402725002** Collected: 05/27/25 15:15 Received: 05/27/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1510**	mg/L	20.0	20.0	1		05/30/25 11:40		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/03/25 15:25		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/28/25 15:41	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.30	1		06/06/25 02:32		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 847206
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3879604 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/07/25 17:24	
Fluoride	mg/L	ND	0.10	0.016	06/07/25 17:24	
Sulfate	mg/L	ND	0.25	0.19	06/07/25 17:24	

LABORATORY CONTROL SAMPLE: 3879605

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	92	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879606 3879607

Parameter	Units	50402666002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	22.2	25	25	44.3	43.9	89	87	80-120	1	15	
Fluoride	mg/L	ND	1	1	0.85	0.87	85	87	80-120	2	15	
Sulfate	mg/L	1170	500	500	1600	1590	87	84	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 847660
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3881858 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/09/25 09:56	

LABORATORY CONTROL SAMPLE: 3881859

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881860 3881861

Parameter	Units	50402725002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.9	97	97	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 846548
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3876694 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/09/25 02:28	
Boron	ug/L	ND	100	5.6	06/09/25 02:28	
Cadmium	ug/L	ND	2.0	0.46	06/09/25 02:28	
Calcium	ug/L	ND	1000	83.9	06/09/25 02:28	
Chromium	ug/L	ND	10.0	0.96	06/09/25 02:28	
Iron	ug/L	ND	100	41.0	06/09/25 02:28	
Lead	ug/L	ND	10.0	2.0	06/09/25 02:28	
Lithium	ug/L	ND	20.0	3.8	06/09/25 02:28	
Magnesium	ug/L	ND	1000	53.7	06/09/25 02:28	
Manganese	ug/L	ND	10.0	0.77	06/09/25 02:28	
Molybdenum	ug/L	ND	10.0	1.4	06/09/25 02:28	
Potassium	ug/L	ND	1000	113	06/09/25 02:28	
Sodium	ug/L	ND	1000	95.0	06/09/25 02:28	

LABORATORY CONTROL SAMPLE: 3876695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	925	93	80-120	
Boron	ug/L	1000	864	86	80-120	
Cadmium	ug/L	1000	893	89	80-120	
Calcium	ug/L	10000	9220	92	80-120	
Chromium	ug/L	1000	916	92	80-120	
Iron	ug/L	10000	9040	90	80-120	
Lead	ug/L	1000	873	87	80-120	
Lithium	ug/L	1000	909	91	80-120	
Magnesium	ug/L	10000	8810	88	80-120	
Manganese	ug/L	1000	880	88	80-120	
Molybdenum	ug/L	1000	923	92	80-120	
Potassium	ug/L	10000	9080	91	80-120	
Sodium	ug/L	10000	9150	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876696 3876697

Parameter	Units	50402694001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	46.3	1000	1000	991	924	95	88	75-125	7	20	
Boron	ug/L	ND	1000	1000	927	897	88	85	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876696 3876697

Parameter	Units	50402694001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	3.0	1000	1000	879	866	88	86	75-125	1	20	
Calcium	ug/L	97000	10000	10000	104000	99900	67	29	75-125	4	20	P6
Chromium	ug/L	ND	1000	1000	903	861	90	86	75-125	5	20	
Iron	ug/L	4330	10000	10000	13100	12600	87	82	75-125	4	20	
Lead	ug/L	15.5	1000	1000	847	835	83	82	75-125	1	20	
Lithium	ug/L	ND	1000	1000	950	884	94	87	75-125	7	20	
Magnesium	ug/L	39300	10000	10000	47400	45300	81	60	75-125	5	20	M0
Manganese	ug/L	111	1000	1000	974	938	86	83	75-125	4	20	
Molybdenum	ug/L	ND	1000	1000	911	898	91	89	75-125	1	20	
Potassium	ug/L	1950	10000	10000	11400	10600	95	87	75-125	7	20	
Sodium	ug/L	5480	10000	10000	14800	13900	93	84	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 846019
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3874442 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 12:47	

LABORATORY CONTROL SAMPLE: 3874443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	990	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3874444 3874445

Parameter	Units	50402562001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	0.0062J mg/L	1000	1000	971	1020	96	101	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 846659
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3877148 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/02/25 04:18	
Arsenic	ug/L	ND	1.0	0.080	06/02/25 04:18	
Beryllium	ug/L	ND	0.20	0.026	06/02/25 04:18	
Cobalt	ug/L	ND	1.0	0.045	06/02/25 04:18	
Selenium	ug/L	ND	1.0	0.26	06/02/25 04:18	
Thallium	ug/L	ND	1.0	0.052	06/02/25 04:18	

LABORATORY CONTROL SAMPLE: 3877149

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.3	106	80-120	
Arsenic	ug/L	40	39.8	100	80-120	
Beryllium	ug/L	40	37.2	93	80-120	
Cobalt	ug/L	40	42.2	106	80-120	
Selenium	ug/L	40	40.6	101	80-120	
Thallium	ug/L	40	41.4	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877150 3877151

Parameter	Units	50402644006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	40.5	40.4	101	101	75-125	0	20	
Arsenic	ug/L	ND	40	40	43.8	43.0	102	100	75-125	2	20	
Beryllium	ug/L	ND	40	40	37.5	37.5	94	94	75-125	0	20	
Cobalt	ug/L	6.5	40	40	45.0	45.4	96	97	75-125	1	20	
Selenium	ug/L	ND	40	40	39.9	39.8	100	99	75-125	0	20	
Thallium	ug/L	ND	40	40	40.2	40.1	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 847795
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3882570 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/06/25 11:13	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/06/25 11:13	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/06/25 11:13	

LABORATORY CONTROL SAMPLE: 3882571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	47.2	94	90-110	

SAMPLE DUPLICATE: 3882572

Parameter	Units	50402770004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	539	571	6	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	539	571	6	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<10.0	ND		20	

SAMPLE DUPLICATE: 3882573

Parameter	Units	50402831002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	444	440	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	444	440	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<10.0	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 846625
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3877031 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	05/30/25 11:36	

LABORATORY CONTROL SAMPLE: 3877032

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	273	91	80-120	

SAMPLE DUPLICATE: 3877033

Parameter	Units	50402787001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1120	1120	1	10	

SAMPLE DUPLICATE: 3877034

Parameter	Units	50402787003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1490	1520	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 847157
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

SAMPLE DUPLICATE: 3879460

Parameter	Units	50402725001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.4	1	2	H3

SAMPLE DUPLICATE: 3879461

Parameter	Units	50403204001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.9	7.9	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 846203
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3875162 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/28/25 15:26	

LABORATORY CONTROL SAMPLE: 3875163

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.97	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875164 3875165

Parameter	Units	50402725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.99	0.99	98	98	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 846720
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3877462 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/05/25 17:30	

LABORATORY CONTROL SAMPLE: 3877463

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877464 3877465

Parameter	Units	50402433002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	11.5	40	40	50.3	50.3	97	97	80-120	0	15	

MATRIX SPIKE SAMPLE: 3877466

Parameter	Units	50402433003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	13.5	40	52.7	98	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Sample: MW-13S **Lab ID: 50402725001** Collected: 05/27/25 13:00 Received: 05/27/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.602 ± 0.423 (0.540) C:NA T:99%**	pCi/L	06/24/25 16:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.18 ± 0.513 (0.870) C:84% T:90%**	pCi/L	06/23/25 12:40	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.78 ± 0.936 (1.41)**	pCi/L	06/25/25 15:22	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Sample: MW-13D **Lab ID: 50402725002** Collected: 05/27/25 15:15 Received: 05/27/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.942 ± 0.614 (0.832) C:NA T:97%**	pCi/L	06/24/25 16:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.60 ± 0.542 (0.766) C:80% T:93%**	pCi/L	06/23/25 12:40	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.54 ± 1.16 (1.60)**	pCi/L	06/25/25 15:22	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 748892
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3647562 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.251 ± 0.349 (0.590) C:NA T:94%	pCi/L	06/24/25 15:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

QC Batch: 748893
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402725001, 50402725002

METHOD BLANK: 3647563 Matrix: Water
Associated Lab Samples: 50402725001, 50402725002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.639 ± 0.320 (0.539) C:83% T:96%	pCi/L	06/23/25 12:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402725

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402725001	**MW-13S**	EPA 9056	847206		
50402725002	**MW-13D**	EPA 9056	847206		
50402725001	**MW-13S**	EPA 3010	846548	EPA 6010	848104
50402725002	**MW-13D**	EPA 3010	846548	EPA 6010	848104
50402725001	**MW-13S**	EPA 3010	846019	EPA 6010	847646
50402725002	**MW-13D**	EPA 3010	846019	EPA 6010	847646
50402725001	**MW-13S**	EPA 200.2	846659	EPA 6020	846912
50402725002	**MW-13D**	EPA 200.2	846659	EPA 6020	846912
50402725001	**MW-13S**	EPA 7470	847660	EPA 7470	848113
50402725002	**MW-13D**	EPA 7470	847660	EPA 7470	848113
50402725001	**MW-13S**	EPA 903.1	748892		
50402725002	**MW-13D**	EPA 903.1	748892		
50402725001	**MW-13S**	EPA 904.0	748893		
50402725002	**MW-13D**	EPA 904.0	748893		
50402725001	**MW-13S**	Total Radium Calculation	754390		
50402725002	**MW-13D**	Total Radium Calculation	754390		
50402725001	**MW-13S**	SM 2320B	847795		
50402725002	**MW-13D**	SM 2320B	847795		
50402725001	**MW-13S**	SM 2540C	846625		
50402725002	**MW-13D**	SM 2540C	846625		
50402725001	**MW-13S**	SM 4500-H+B	847157		
50402725002	**MW-13D**	SM 4500-H+B	847157		
50402725001	**MW-13S**	EPA 353.2	846203		
50402725002	**MW-13D**	EPA 353.2	846203		
50402725001	**MW-13S**	SM 5310C	846720		
50402725002	**MW-13D**	SM 5310C	846720		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50402725

50402725

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units
MW-13S	GW	G	5/27/25	1300			6		
MW-13D	↓	↓	↓	1515			↓		

Identify Container Preservative Type***

Analysis Requested

2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA					
↓	↓	↓	↓	↓	↓	↓					

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/73
Prelog / Bottle Ord. ID: EZ 3249633

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mohammed Barlowit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	F	0.0	-0.8	-0.8	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Atlas	5/27/25 1600		5-27-25 1760
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

ate/Time and Initials of person examining contents: MM 5-27-25 1037

. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

. Cooler Temperature(s): 0.8 | 0.8 | | | |
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: Yes No
(leave blank if samples are in temp)

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap Bubble Bags None Other plastic bags

4. Ice Type: Wet Blue None

5. Courier: Fed Ex UPS Client Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes No

(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
JSDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:**		✓
Time 5035A TC placed In Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):	✓	
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Comments:		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			

COC PAGE [redacted] of [redacted]

Sample Container Count

[redacted]

* Place a PINK dot on containers that are out of conformance **

			MeOH (only)						AMBER GLASS							PLASTIC									OTHER											
			SBS																																	
			DI			VOA VIAL HS (>6mm)																														
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H			VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													—				2	—	2	—	—								WT	✓			
2													↓				↓	↓	↓	↓	↓								↓	✓			
3																																		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Dear Mr. Breting:

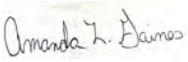
Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402796001	**MW-18D**	Water	05/28/25 09:48	05/28/25 11:53
50402796002	**MW-17IL**	Water	05/28/25 10:45	05/28/25 11:53

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402796001	**MW-18D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402796002	**MW-17IL**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402796001	**MW-18D**					
EPA 9056	Chloride	192	mg/L	2.5	06/09/25 11:19	
EPA 9056	Sulfate	86.4	mg/L	2.5	06/09/25 11:19	
EPA 6010	Barium	501	ug/L	10.0	06/09/25 03:12	
EPA 6010	Boron	726	ug/L	100	06/09/25 03:12	
EPA 6010	Calcium	129000	ug/L	1000	06/09/25 03:12	
EPA 6010	Iron	5780	ug/L	100	06/09/25 03:12	
EPA 6010	Magnesium	33800	ug/L	1000	06/09/25 03:12	
EPA 6010	Manganese	61.0	ug/L	10.0	06/09/25 03:12	
EPA 6010	Potassium	6030	ug/L	1000	06/09/25 03:12	
EPA 6010	Sodium	103000	ug/L	1000	06/09/25 03:12	
EPA 6020	Arsenic	22.2	ug/L	1.0	06/02/25 04:31	
EPA 903.1	Radium-226	1.41 ± 0.629 (0.629) C:NA T:92%	pCi/L		06/24/25 16:11	
EPA 904.0	Radium-228	0.818 ± 0.426 (0.759) C:84% T:87%	pCi/L		06/23/25 12:40	
Total Radium Calculation	Total Radium	2.23 ± 1.06 (1.39)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	435	mg/L	10.0	06/06/25 11:13	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	435	mg/L	10.0	06/06/25 11:13	
SM 2540C	Total Dissolved Solids	810	mg/L	20.0	06/02/25 09:53	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	06/03/25 15:28	H3
SM 5310C	Dissolved Organic Carbon	4.1	mg/L	1.0	06/07/25 12:03	
50402796002	**MW-17IL**					
EPA 9056	Chloride	106	mg/L	2.5	06/09/25 12:10	
EPA 9056	Fluoride	0.27	mg/L	0.10	06/09/25 11:53	
EPA 9056	Sulfate	69.4	mg/L	2.5	06/09/25 12:10	
EPA 6010	Barium	194	ug/L	10.0	06/09/25 03:14	
EPA 6010	Boron	114	ug/L	100	06/09/25 03:14	
EPA 6010	Calcium	79600	ug/L	1000	06/09/25 03:14	
EPA 6010	Iron	1810	ug/L	100	06/09/25 03:14	
EPA 6010	Magnesium	20500	ug/L	1000	06/09/25 03:14	
EPA 6010	Manganese	246	ug/L	10.0	06/09/25 03:14	
EPA 6010	Potassium	6460	ug/L	1000	06/09/25 03:14	
EPA 6010	Sodium	81500	ug/L	1000	06/09/25 03:14	
EPA 6020	Arsenic	3.0	ug/L	1.0	06/02/25 04:35	
EPA 903.1	Radium-226	1.75 ± 0.738 (0.770) C:NA T:95%	pCi/L		06/24/25 16:11	
EPA 904.0	Radium-228	1.37 ± 0.572 (0.939) C:80% T:86%	pCi/L		06/23/25 12:40	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402796002	**MW-17IL**					
Total Radium Calculation	Total Radium	3.12 ± 1.31 (1.71)	pCi/L		06/25/25 15:22	
SM 2320B	Alkalinity, Total as CaCO3	261	mg/L	10.0	06/06/25 11:13	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	261	mg/L	10.0	06/06/25 11:13	
SM 2540C	Total Dissolved Solids	514	mg/L	10.0	06/03/25 08:56	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/03/25 15:29	H3
SM 5310C	Dissolved Organic Carbon	1.7	mg/L	1.0	06/07/25 13:08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Sample: MW-18D **Lab ID: 50402796001** Collected: 05/28/25 09:48 Received: 05/28/25 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**192**	mg/L	2.5	1.3	10		06/09/25 11:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		06/09/25 11:02	16984-48-8	
Sulfate	**86.4**	mg/L	2.5	1.9	10		06/09/25 11:19	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**501**	ug/L	10.0	0.68	1	06/04/25 21:00	06/09/25 03:12	7440-39-3	
Boron	**726**	ug/L	100	5.6	1	06/04/25 21:00	06/09/25 03:12	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 21:00	06/09/25 03:12	7440-43-9	
Calcium	**129000**	ug/L	1000	83.9	1	06/04/25 21:00	06/09/25 03:12	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 21:00	06/09/25 03:12	7440-47-3	
Iron	**5780**	ug/L	100	41.0	1	06/04/25 21:00	06/09/25 03:12	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 21:00	06/09/25 03:12	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/04/25 21:00	06/09/25 03:12	7439-93-2	
Magnesium	**33800**	ug/L	1000	53.7	1	06/04/25 21:00	06/09/25 03:12	7439-95-4	
Manganese	**61.0**	ug/L	10.0	0.77	1	06/04/25 21:00	06/09/25 03:12	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/04/25 21:00	06/09/25 03:12	7439-98-7	
Potassium	**6030**	ug/L	1000	113	1	06/04/25 21:00	06/09/25 03:12	7440-09-7	
Sodium	**103000**	ug/L	1000	95.0	1	06/04/25 21:00	06/09/25 03:12	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/01/25 15:18	06/03/25 02:09	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 04:31	7440-36-0	
Arsenic	**22.2**	ug/L	1.0	0.080	1	05/31/25 15:14	06/02/25 04:31	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/02/25 04:31	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 04:31	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 04:31	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 04:31	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/08/25 20:50	06/09/25 10:40	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**435**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Bicarbonate (CaCO3)	**435**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/06/25 11:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Sample: MW-18D **Lab ID: 50402796001** Collected: 05/28/25 09:48 Received: 05/28/25 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**810**	mg/L	20.0	20.0	1		06/02/25 09:53		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		06/03/25 15:28		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/28/25 15:42	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.1**	mg/L	1.0	0.30	1		06/07/25 12:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Sample: MW-17IL **Lab ID: 50402796002** Collected: 05/28/25 10:45 Received: 05/28/25 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**106**	mg/L	2.5	1.3	10		06/09/25 12:10	16887-00-6	
Fluoride	**0.27**	mg/L	0.10	0.016	1		06/09/25 11:53	16984-48-8	
Sulfate	**69.4**	mg/L	2.5	1.9	10		06/09/25 12:10	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**194**	ug/L	10.0	0.68	1	06/04/25 21:00	06/09/25 03:14	7440-39-3	
Boron	**114**	ug/L	100	5.6	1	06/04/25 21:00	06/09/25 03:14	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 21:00	06/09/25 03:14	7440-43-9	
Calcium	**79600**	ug/L	1000	83.9	1	06/04/25 21:00	06/09/25 03:14	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 21:00	06/09/25 03:14	7440-47-3	
Iron	**1810**	ug/L	100	41.0	1	06/04/25 21:00	06/09/25 03:14	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 21:00	06/09/25 03:14	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/04/25 21:00	06/09/25 03:14	7439-93-2	
Magnesium	**20500**	ug/L	1000	53.7	1	06/04/25 21:00	06/09/25 03:14	7439-95-4	
Manganese	**246**	ug/L	10.0	0.77	1	06/04/25 21:00	06/09/25 03:14	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/04/25 21:00	06/09/25 03:14	7439-98-7	
Potassium	**6460**	ug/L	1000	113	1	06/04/25 21:00	06/09/25 03:14	7440-09-7	
Sodium	**81500**	ug/L	1000	95.0	1	06/04/25 21:00	06/09/25 03:14	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/01/25 15:18	06/03/25 02:11	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 04:35	7440-36-0	
Arsenic	**3.0**	ug/L	1.0	0.080	1	05/31/25 15:14	06/02/25 04:35	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/02/25 04:35	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 04:35	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 04:35	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 04:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/08/25 20:50	06/09/25 10:42	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**261**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Bicarbonate (CaCO3)	**261**	mg/L	10.0	10.0	1		06/06/25 11:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/06/25 11:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Sample: MW-17IL **Lab ID: 50402796002** Collected: 05/28/25 10:45 Received: 05/28/25 11:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**514**	mg/L	10.0	10.0	1		06/03/25 08:56		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/03/25 15:29		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/28/25 15:44	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.7**	mg/L	1.0	0.30	1		06/07/25 13:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 847484
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3880937 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/09/25 09:44	
Fluoride	mg/L	ND	0.10	0.016	06/09/25 09:44	
Sulfate	mg/L	ND	0.25	0.19	06/09/25 09:44	

LABORATORY CONTROL SAMPLE: 3880938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	93	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880939 3880940

Parameter	Units	50402927002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	58.7	25	25	77.0	77.2	73	74	80-120	0	15	M0
Fluoride	mg/L	0.95	1	1	1.9	1.9	97	96	80-120	0	15	
Sulfate	mg/L	96.3	50	50	143	142	93	92	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 847660
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3881858 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/09/25 09:56	

LABORATORY CONTROL SAMPLE: 3881859

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881860 3881861

Parameter	Units	50402725002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.9	97	97	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 846548
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3876694 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/09/25 02:28	
Boron	ug/L	ND	100	5.6	06/09/25 02:28	
Cadmium	ug/L	ND	2.0	0.46	06/09/25 02:28	
Calcium	ug/L	ND	1000	83.9	06/09/25 02:28	
Chromium	ug/L	ND	10.0	0.96	06/09/25 02:28	
Iron	ug/L	ND	100	41.0	06/09/25 02:28	
Lead	ug/L	ND	10.0	2.0	06/09/25 02:28	
Lithium	ug/L	ND	20.0	3.8	06/09/25 02:28	
Magnesium	ug/L	ND	1000	53.7	06/09/25 02:28	
Manganese	ug/L	ND	10.0	0.77	06/09/25 02:28	
Molybdenum	ug/L	ND	10.0	1.4	06/09/25 02:28	
Potassium	ug/L	ND	1000	113	06/09/25 02:28	
Sodium	ug/L	ND	1000	95.0	06/09/25 02:28	

LABORATORY CONTROL SAMPLE: 3876695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	925	93	80-120	
Boron	ug/L	1000	864	86	80-120	
Cadmium	ug/L	1000	893	89	80-120	
Calcium	ug/L	10000	9220	92	80-120	
Chromium	ug/L	1000	916	92	80-120	
Iron	ug/L	10000	9040	90	80-120	
Lead	ug/L	1000	873	87	80-120	
Lithium	ug/L	1000	909	91	80-120	
Magnesium	ug/L	10000	8810	88	80-120	
Manganese	ug/L	1000	880	88	80-120	
Molybdenum	ug/L	1000	923	92	80-120	
Potassium	ug/L	10000	9080	91	80-120	
Sodium	ug/L	10000	9150	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876696 3876697

Parameter	Units	50402694001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	46.3	1000	1000	991	924	95	88	75-125	7	20	
Boron	ug/L	ND	1000	1000	927	897	88	85	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876696 3876697

Parameter	Units	50402694001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	3.0	1000	1000	879	866	88	86	75-125	1	20	
Calcium	ug/L	97000	10000	10000	104000	99900	67	29	75-125	4	20	P6
Chromium	ug/L	ND	1000	1000	903	861	90	86	75-125	5	20	
Iron	ug/L	4330	10000	10000	13100	12600	87	82	75-125	4	20	
Lead	ug/L	15.5	1000	1000	847	835	83	82	75-125	1	20	
Lithium	ug/L	ND	1000	1000	950	884	94	87	75-125	7	20	
Magnesium	ug/L	39300	10000	10000	47400	45300	81	60	75-125	5	20	M0
Manganese	ug/L	111	1000	1000	974	938	86	83	75-125	4	20	
Molybdenum	ug/L	ND	1000	1000	911	898	91	89	75-125	1	20	
Potassium	ug/L	1950	10000	10000	11400	10600	95	87	75-125	7	20	
Sodium	ug/L	5480	10000	10000	14800	13900	93	84	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 846858
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3878289 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/03/25 01:28	

LABORATORY CONTROL SAMPLE: 3878290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	976	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3878291 3878292

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1020	1030	101	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 846659
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3877148 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/02/25 04:18	
Arsenic	ug/L	ND	1.0	0.080	06/02/25 04:18	
Beryllium	ug/L	ND	0.20	0.026	06/02/25 04:18	
Cobalt	ug/L	ND	1.0	0.045	06/02/25 04:18	
Selenium	ug/L	ND	1.0	0.26	06/02/25 04:18	
Thallium	ug/L	ND	1.0	0.052	06/02/25 04:18	

LABORATORY CONTROL SAMPLE: 3877149

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.3	106	80-120	
Arsenic	ug/L	40	39.8	100	80-120	
Beryllium	ug/L	40	37.2	93	80-120	
Cobalt	ug/L	40	42.2	106	80-120	
Selenium	ug/L	40	40.6	101	80-120	
Thallium	ug/L	40	41.4	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877150 3877151

Parameter	Units	50402644006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	40.5	40.4	101	101	75-125	0	20	
Arsenic	ug/L	ND	40	40	43.8	43.0	102	100	75-125	2	20	
Beryllium	ug/L	ND	40	40	37.5	37.5	94	94	75-125	0	20	
Cobalt	ug/L	6.5	40	40	45.0	45.4	96	97	75-125	1	20	
Selenium	ug/L	ND	40	40	39.9	39.8	100	99	75-125	0	20	
Thallium	ug/L	ND	40	40	40.2	40.1	100	100	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 847795
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3882570 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/06/25 11:13	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/06/25 11:13	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/06/25 11:13	

LABORATORY CONTROL SAMPLE: 3882571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	47.2	94	90-110	

SAMPLE DUPLICATE: 3882572

Parameter	Units	50402770004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	539	571	6	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	539	571	6	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<10.0	ND		20	

SAMPLE DUPLICATE: 3882573

Parameter	Units	50402831002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	444	440	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	444	440	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<10.0	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 846929
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001

METHOD BLANK: 3878603 Matrix: Water
Associated Lab Samples: 50402796001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/02/25 09:39	

LABORATORY CONTROL SAMPLE: 3878604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	80-120	

SAMPLE DUPLICATE: 3878605

Parameter	Units	50402937015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	466	477	2	10	

SAMPLE DUPLICATE: 3878606

Parameter	Units	50402937016 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	537	545	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 847141
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796002

METHOD BLANK: 3879410 Matrix: Water
Associated Lab Samples: 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/03/25 08:54	

LABORATORY CONTROL SAMPLE: 3879411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	80-120	

SAMPLE DUPLICATE: 3879412

Parameter	Units	50402682002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	7530	7600	1	10	H5

SAMPLE DUPLICATE: 3879413

Parameter	Units	50402927002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	667	657	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 847157
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

SAMPLE DUPLICATE: 3879460

Parameter	Units	50402725001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.4	1	2	H3

SAMPLE DUPLICATE: 3879461

Parameter	Units	50403204001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.9	7.9	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 846203
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3875162 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/28/25 15:26	

LABORATORY CONTROL SAMPLE: 3875163

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.97	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3875164 3875165

Parameter	Units	50402725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.99	0.99	98	98	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 846726
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3877483 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/07/25 04:27	

LABORATORY CONTROL SAMPLE: 3877484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877485 3877486

Parameter	Units	50402641002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	10.7	10.7	98	98	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877487 3877488

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.4	40	40	41.3	41.2	100	99	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Sample: MW-18D **Lab ID: 50402796001** Collected: 05/28/25 09:48 Received: 05/28/25 11:53 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.41 ± 0.629 (0.629) C:NA T:92%**	pCi/L	06/24/25 16:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.818 ± 0.426 (0.759) C:84% T:87%**	pCi/L	06/23/25 12:40	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.23 ± 1.06 (1.39)**	pCi/L	06/25/25 15:22	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Sample: MW-17IL **Lab ID: 50402796002** Collected: 05/28/25 10:45 Received: 05/28/25 11:53 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.75 ± 0.738 (0.770) C:NA T:95%**	pCi/L	06/24/25 16:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.37 ± 0.572 (0.939) C:80% T:86%**	pCi/L	06/23/25 12:40	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.12 ± 1.31 (1.71)**	pCi/L	06/25/25 15:22	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 748892
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3647562 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.251 ± 0.349 (0.590) C:NA T:94%	pCi/L	06/24/25 15:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

QC Batch: 748893
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402796001, 50402796002

METHOD BLANK: 3647563 Matrix: Water
Associated Lab Samples: 50402796001, 50402796002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.639 ± 0.320 (0.539) C:83% T:96%	pCi/L	06/23/25 12:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
H5	Reanalysis conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402796

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402796001	**MW-18D**	EPA 9056	847484		
50402796002	**MW-17IL**	EPA 9056	847484		
50402796001	**MW-18D**	EPA 3010	846548	EPA 6010	848104
50402796002	**MW-17IL**	EPA 3010	846548	EPA 6010	848104
50402796001	**MW-18D**	EPA 3010	846858	EPA 6010	847112
50402796002	**MW-17IL**	EPA 3010	846858	EPA 6010	847112
50402796001	**MW-18D**	EPA 200.2	846659	EPA 6020	846912
50402796002	**MW-17IL**	EPA 200.2	846659	EPA 6020	846912
50402796001	**MW-18D**	EPA 7470	847660	EPA 7470	848113
50402796002	**MW-17IL**	EPA 7470	847660	EPA 7470	848113
50402796001	**MW-18D**	EPA 903.1	748892		
50402796002	**MW-17IL**	EPA 903.1	748892		
50402796001	**MW-18D**	EPA 904.0	748893		
50402796002	**MW-17IL**	EPA 904.0	748893		
50402796001	**MW-18D**	Total Radium Calculation	754390		
50402796002	**MW-17IL**	Total Radium Calculation	754390		
50402796001	**MW-18D**	SM 2320B	847795		
50402796002	**MW-17IL**	SM 2320B	847795		
50402796001	**MW-18D**	SM 2540C	846929		
50402796002	**MW-17IL**	SM 2540C	847141		
50402796001	**MW-18D**	SM 4500-H+B	847157		
50402796002	**MW-17IL**	SM 4500-H+B	847157		
50402796001	**MW-18D**	EPA 353.2	846203		
50402796002	**MW-17IL**	EPA 353.2	846203		
50402796001	**MW-18D**	SM 5310C	846726		
50402796002	**MW-17IL**	SM 5310C	846726		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder Label Here

WO# : 50402796

50402796

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: std

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-18D	GW	G			5/28/25	09:48	8			X	X	X	X	X	X	X	
MW-17I.L	GW	G			5/28/25	10:45	8			X	X	X	X	X	X	X	

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/73
Prelog / Bottle Ord. ID: EZ 3249633

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Mykah Beatty / Mark Breting
Signature: Mark Breting

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice
1	H	+0.1	0.9	1.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Mark Breting	5/28/25 11:53	Pace	5/28/25 11:53

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier
[ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/28/25 12:48 TBH

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G (H)

2. Cooler Temperature(s): (Initial/Corrected) 0.9/1.0

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: ~~Fed Ex~~ TBH UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** 3532	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1340	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			✓

Comments:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

| | | |

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Dear Mr. Breting:

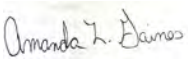
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50402942001	**MW-17D**	Water	05/29/25 12:30	05/29/25 16:00
50402942002	**MW-17I**	Water	05/29/25 12:00	05/29/25 16:00
50402942003	**MW-17I MS**	Water	05/29/25 12:00	05/29/25 16:00
50402942004	**MW-17I MSD**	Water	05/29/25 12:00	05/29/25 16:00
50402942005	**MW-17S**	Water	05/29/25 14:00	05/29/25 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50402942001	**MW-17D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402942002	**MW-17I**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50402942003	**MW-17I MS**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
50402942004	**MW-17I MSD**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
50402942005	**MW-17S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	DMT	6	PASI-I
		EPA 7470	MGM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402942001	**MW-17D**					
EPA 9056	Chloride	98.1	mg/L	2.5	06/10/25 15:47	
EPA 9056	Fluoride	0.27	mg/L	0.10	06/10/25 15:30	
EPA 9056	Sulfate	63.5	mg/L	2.5	06/10/25 15:47	
EPA 6010	Barium	155	ug/L	10.0	06/02/25 12:11	
EPA 6010	Boron	110	ug/L	100	06/02/25 12:11	
EPA 6010	Calcium	67700	ug/L	1000	06/02/25 12:11	
EPA 6010	Iron	1560	ug/L	100	06/02/25 12:11	
EPA 6010	Magnesium	18900	ug/L	1000	06/02/25 12:11	
EPA 6010	Manganese	248	ug/L	10.0	06/02/25 12:11	
EPA 6010	Potassium	5640	ug/L	1000	06/02/25 12:11	
EPA 6010	Sodium	73600	ug/L	1000	06/02/25 12:11	
EPA 6020	Arsenic	3.4	ug/L	1.0	06/02/25 06:39	
EPA 903.1	Radium-226	0.0517 ± 0.486 (0.937) C:NA T:97%	pCi/L		06/26/25 13:54	
EPA 904.0	Radium-228	0.466 ± 0.353 (0.688) C:76% T:90%	pCi/L		06/24/25 15:23	
Total Radium Calculation	Total Radium	0.518 ± 0.839 (1.63)	pCi/L		06/27/25 15:57	
SM 2320B	Alkalinity, Total as CaCO3	240	mg/L	10.0	06/10/25 13:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	240	mg/L	10.0	06/10/25 13:58	
SM 2540C	Total Dissolved Solids	462	mg/L	10.0	06/04/25 09:21	
SM 4500-H+B	pH at 25 Degrees C	7.2	Std. Units	0.10	06/03/25 16:39	H3
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	1.0	06/07/25 13:28	
50402942002	**MW-17I**					
EPA 9056	Chloride	137	mg/L	2.5	06/10/25 17:28	
EPA 9056	Fluoride	0.28	mg/L	0.10	06/10/25 17:11	
EPA 9056	Sulfate	82.8	mg/L	2.5	06/10/25 17:28	
EPA 6010	Barium	131	ug/L	10.0	06/02/25 12:13	
EPA 6010	Calcium	79600	ug/L	1000	06/02/25 12:13	
EPA 6010	Iron	1540	ug/L	100	06/02/25 12:13	
EPA 6010	Magnesium	22600	ug/L	1000	06/02/25 12:13	
EPA 6010	Manganese	277	ug/L	10.0	06/02/25 12:13	
EPA 6010	Potassium	5670	ug/L	1000	06/02/25 12:13	
EPA 6010	Sodium	86800	ug/L	1000	06/02/25 12:13	
EPA 6020	Arsenic	3.0	ug/L	1.0	06/02/25 06:43	
EPA 903.1	Radium-226	0.633 ± 0.606 (0.969) C:NA T:94%	pCi/L		06/26/25 13:54	
EPA 904.0	Radium-228	0.580 ± 0.502 (1.02) C:76% T:85%	pCi/L		06/24/25 15:19	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402942002	**MW-17I**					
Total Radium Calculation	Total Radium	1.21 ± 1.11 (1.99)	pCi/L		06/27/25 15:57	
SM 2320B	Alkalinity, Total as CaCO3	249	mg/L	10.0	06/10/25 13:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	249	mg/L	10.0	06/10/25 13:58	
SM 2540C	Total Dissolved Solids	570	mg/L	10.0	06/04/25 09:22	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	06/03/25 16:42	H3
SM 5310C	Dissolved Organic Carbon	1.4	mg/L	1.0	06/07/25 13:48	
50402942003	**MW-17I MS**					
EPA 903.1	Radium-226	73.83 %REC ± NA (NA) C:NA T:NA	pCi/L		06/26/25 13:54	
EPA 904.0	Radium-228	77.78 %REC ± NA (NA) C:NA T:NA	pCi/L		06/24/25 15:20	
50402942004	**MW-17I MSD**					
EPA 903.1	Radium-226	99.11 %REC 29.25RPD ± NA (NA) C:NA T:NA	pCi/L		06/26/25 13:54	
EPA 904.0	Radium-228	109.30 %REC 33.70RPD ± NA (NA) C:NA T:NA	pCi/L		06/24/25 15:21	
50402942005	**MW-17S**					
EPA 9056	Chloride	39.8	mg/L	2.5	06/10/25 16:21	
EPA 9056	Fluoride	0.21	mg/L	0.10	06/10/25 16:04	
EPA 9056	Sulfate	130	mg/L	2.5	06/10/25 16:21	
EPA 6010	Barium	77.3	ug/L	10.0	06/02/25 12:29	
EPA 6010	Boron	2170	ug/L	100	06/02/25 12:29	
EPA 6010	Calcium	108000	ug/L	1000	06/02/25 12:29	
EPA 6010	Lithium	20.3	ug/L	20.0	06/02/25 12:29	
EPA 6010	Magnesium	23700	ug/L	1000	06/02/25 12:29	
EPA 6010	Potassium	2900	ug/L	1000	06/02/25 12:29	
EPA 6010	Sodium	34500	ug/L	1000	06/02/25 12:29	
EPA 6020	Selenium	11.3	ug/L	1.0	06/02/25 07:06	
EPA 903.1	Radium-226	-0.111 ± 0.687 (1.33) C:NA T:93%	pCi/L		06/26/25 13:54	
EPA 904.0	Radium-228	0.342 ± 0.459 (0.982) C:75% T:86%	pCi/L		06/24/25 15:21	
Total Radium Calculation	Total Radium	0.342 ± 1.15 (2.31)	pCi/L		06/27/25 15:57	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50402942005	**MW-17S**					
SM 2320B	Alkalinity, Total as CaCO3	266	mg/L	10.0	06/10/25 13:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	266	mg/L	10.0	06/10/25 13:58	
SM 2540C	Total Dissolved Solids	555	mg/L	10.0	06/04/25 09:22	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	06/03/25 16:53	H3
EPA 353.2	Nitrogen, Nitrate	3.5	mg/L	0.10	05/30/25 12:17	
SM 5310C	Dissolved Organic Carbon	2.3	mg/L	1.0	06/07/25 14:47	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17D **Lab ID: 50402942001** Collected: 05/29/25 12:30 Received: 05/29/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**98.1**	mg/L	2.5	1.3	10		06/10/25 15:47	16887-00-6	
Fluoride	**0.27**	mg/L	0.10	0.016	1		06/10/25 15:30	16984-48-8	
Sulfate	**63.5**	mg/L	2.5	1.9	10		06/10/25 15:47	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**155**	ug/L	10.0	0.68	1	05/31/25 10:47	06/02/25 12:11	7440-39-3	
Boron	**110**	ug/L	100	5.6	1	05/31/25 10:47	06/02/25 12:11	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/31/25 10:47	06/02/25 12:11	7440-43-9	
Calcium	**67700**	ug/L	1000	83.9	1	05/31/25 10:47	06/02/25 12:11	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/31/25 10:47	06/02/25 12:11	7440-47-3	
Iron	**1560**	ug/L	100	41.0	1	05/31/25 10:47	06/02/25 12:11	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/31/25 10:47	06/02/25 12:11	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/31/25 10:47	06/02/25 12:11	7439-93-2	
Magnesium	**18900**	ug/L	1000	53.7	1	05/31/25 10:47	06/02/25 12:11	7439-95-4	
Manganese	**248**	ug/L	10.0	0.77	1	05/31/25 10:47	06/02/25 12:11	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/31/25 10:47	06/02/25 12:11	7439-98-7	
Potassium	**5640**	ug/L	1000	113	1	05/31/25 10:47	06/02/25 12:11	7440-09-7	
Sodium	**73600**	ug/L	1000	95.0	1	05/31/25 10:47	06/02/25 12:11	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/01/25 15:18	06/03/25 02:13	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 06:39	7440-36-0	
Arsenic	**3.4**	ug/L	1.0	0.080	1	05/31/25 15:14	06/02/25 06:39	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/03/25 05:52	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 06:39	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 06:39	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 06:39	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/09/25 22:25	06/10/25 13:20	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**240**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Bicarbonate (CaCO3)	**240**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/10/25 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17D **Lab ID: 50402942001** Collected: 05/29/25 12:30 Received: 05/29/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**462**	mg/L	10.0	10.0	1		06/04/25 09:21		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.2**	Std. Units	0.10	0.10	1		06/03/25 16:39		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/30/25 12:15	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	1.0	0.30	1		06/07/25 13:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17I **Lab ID: 50402942002** Collected: 05/29/25 12:00 Received: 05/29/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**137**	mg/L	2.5	1.3	10		06/10/25 17:28	16887-00-6	
Fluoride	**0.28**	mg/L	0.10	0.016	1		06/10/25 17:11	16984-48-8	
Sulfate	**82.8**	mg/L	2.5	1.9	10		06/10/25 17:28	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**131**	ug/L	10.0	0.68	1	05/31/25 10:47	06/02/25 12:13	7440-39-3	
Boron	ND	ug/L	100	5.6	1	05/31/25 10:47	06/02/25 12:13	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/31/25 10:47	06/02/25 12:13	7440-43-9	
Calcium	**79600**	ug/L	1000	83.9	1	05/31/25 10:47	06/02/25 12:13	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/31/25 10:47	06/02/25 12:13	7440-47-3	
Iron	**1540**	ug/L	100	41.0	1	05/31/25 10:47	06/02/25 12:13	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/31/25 10:47	06/02/25 12:13	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	05/31/25 10:47	06/02/25 12:13	7439-93-2	
Magnesium	**22600**	ug/L	1000	53.7	1	05/31/25 10:47	06/02/25 12:13	7439-95-4	
Manganese	**277**	ug/L	10.0	0.77	1	05/31/25 10:47	06/02/25 12:13	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/31/25 10:47	06/02/25 12:13	7439-98-7	
Potassium	**5670**	ug/L	1000	113	1	05/31/25 10:47	06/02/25 12:13	7440-09-7	
Sodium	**86800**	ug/L	1000	95.0	1	05/31/25 10:47	06/02/25 12:13	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/01/25 15:18	06/03/25 02:19	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 06:43	7440-36-0	
Arsenic	**3.0**	ug/L	1.0	0.080	1	05/31/25 15:14	06/02/25 06:43	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/03/25 06:02	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 06:43	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 06:43	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 06:43	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/09/25 22:25	06/10/25 13:22	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**249**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Bicarbonate (CaCO3)	**249**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/10/25 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17I **Lab ID: 50402942002** Collected: 05/29/25 12:00 Received: 05/29/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**570**	mg/L	10.0	10.0	1		06/04/25 09:22		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		06/03/25 16:42		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/30/25 12:10	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.4**	mg/L	1.0	0.30	1		06/07/25 13:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17S **Lab ID: 50402942005** Collected: 05/29/25 14:00 Received: 05/29/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**39.8**	mg/L	2.5	1.3	10		06/10/25 16:21	16887-00-6	
Fluoride	**0.21**	mg/L	0.10	0.016	1		06/10/25 16:04	16984-48-8	
Sulfate	**130**	mg/L	2.5	1.9	10		06/10/25 16:21	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**77.3**	ug/L	10.0	0.68	1	05/31/25 10:47	06/02/25 12:29	7440-39-3	
Boron	**2170**	ug/L	100	5.6	1	05/31/25 10:47	06/02/25 12:29	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	05/31/25 10:47	06/02/25 12:29	7440-43-9	
Calcium	**108000**	ug/L	1000	83.9	1	05/31/25 10:47	06/02/25 12:29	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	05/31/25 10:47	06/02/25 12:29	7440-47-3	
Iron	ND	ug/L	100	41.0	1	05/31/25 10:47	06/02/25 12:29	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	05/31/25 10:47	06/02/25 12:29	7439-92-1	
Lithium	**20.3**	ug/L	20.0	3.8	1	05/31/25 10:47	06/02/25 12:29	7439-93-2	
Magnesium	**23700**	ug/L	1000	53.7	1	05/31/25 10:47	06/02/25 12:29	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	05/31/25 10:47	06/02/25 12:29	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	05/31/25 10:47	06/02/25 12:29	7439-98-7	
Potassium	**2900**	ug/L	1000	113	1	05/31/25 10:47	06/02/25 12:29	7440-09-7	
Sodium	**34500**	ug/L	1000	95.0	1	05/31/25 10:47	06/02/25 12:29	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/01/25 15:18	06/03/25 02:30	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	05/31/25 15:14	06/02/25 07:06	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	05/31/25 15:14	06/02/25 07:06	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	05/31/25 15:14	06/03/25 06:26	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	05/31/25 15:14	06/02/25 07:06	7440-48-4	
Selenium	**11.3**	ug/L	1.0	0.26	1	05/31/25 15:14	06/02/25 07:06	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	05/31/25 15:14	06/02/25 07:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/09/25 22:25	06/10/25 13:30	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**266**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Bicarbonate (CaCO3)	**266**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/10/25 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17S **Lab ID: 50402942005** Collected: 05/29/25 14:00 Received: 05/29/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**555**	mg/L	10.0	10.0	1		06/04/25 09:22		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		06/03/25 16:53		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**3.5**	mg/L	0.10	0.013	1		05/30/25 12:17	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.3**	mg/L	1.0	0.30	1		06/07/25 14:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 848125
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3884775 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/10/25 10:29	
Fluoride	mg/L	ND	0.10	0.016	06/10/25 10:29	
Sulfate	mg/L	ND	0.25	0.19	06/10/25 10:29	

LABORATORY CONTROL SAMPLE: 3884776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	100	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884777 3884778

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	137	25	25	158	157	84	83	80-120	0	15	
Fluoride	mg/L	0.28	1	1	1.2	1.2	89	89	80-120	0	15	
Sulfate	mg/L	82.8	50	50	127	128	88	90	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 848195
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3885100 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/10/25 12:48	

LABORATORY CONTROL SAMPLE: 3885101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885102 3885103

Parameter	Units	50402938007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.20	5	5	5.1	4.9	102	98	75-125	4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885104 3885105

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	5.1	101	101	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 846646
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3877122 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/02/25 11:30	
Boron	ug/L	ND	100	5.6	06/02/25 11:30	
Cadmium	ug/L	ND	2.0	0.46	06/02/25 11:30	
Calcium	ug/L	ND	1000	83.9	06/02/25 11:30	
Chromium	ug/L	ND	10.0	0.96	06/02/25 11:30	
Iron	ug/L	ND	100	41.0	06/02/25 11:30	
Lead	ug/L	ND	10.0	2.0	06/02/25 11:30	
Lithium	ug/L	ND	20.0	3.8	06/02/25 11:30	
Magnesium	ug/L	ND	1000	53.7	06/02/25 11:30	
Manganese	ug/L	ND	10.0	0.77	06/02/25 11:30	
Molybdenum	ug/L	ND	10.0	1.4	06/02/25 11:30	
Potassium	ug/L	ND	1000	113	06/02/25 11:30	
Sodium	ug/L	ND	1000	95.0	06/02/25 11:30	

LABORATORY CONTROL SAMPLE: 3877123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	981	98	80-120	
Boron	ug/L	1000	957	96	80-120	
Cadmium	ug/L	1000	941	94	80-120	
Calcium	ug/L	10000	9750	97	80-120	
Chromium	ug/L	1000	959	96	80-120	
Iron	ug/L	10000	9790	98	80-120	
Lead	ug/L	1000	917	92	80-120	
Lithium	ug/L	1000	949	95	80-120	
Magnesium	ug/L	10000	9610	96	80-120	
Manganese	ug/L	1000	942	94	80-120	
Molybdenum	ug/L	1000	985	98	80-120	
Potassium	ug/L	10000	9250	93	80-120	
Sodium	ug/L	10000	9430	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877185 3877186

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	131	1000	1000	1100	1080	96	95	75-125	1	20	
Boron	ug/L	ND	1000	1000	1060	1050	97	95	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877185 3877186

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	942	922	94	92	75-125	2	20	
Calcium	ug/L	79600	10000	10000	88100	87600	85	79	75-125	1	20	
Chromium	ug/L	ND	1000	1000	940	932	94	93	75-125	1	20	
Iron	ug/L	1540	10000	10000	11000	10900	95	93	75-125	1	20	
Lead	ug/L	ND	1000	1000	882	867	88	87	75-125	2	20	
Lithium	ug/L	ND	1000	1000	949	946	94	94	75-125	0	20	
Magnesium	ug/L	22600	10000	10000	31700	31300	91	86	75-125	1	20	
Manganese	ug/L	277	1000	1000	1180	1170	90	89	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	999	981	99	97	75-125	2	20	
Potassium	ug/L	5670	10000	10000	14900	14800	92	91	75-125	0	20	
Sodium	ug/L	86800	10000	10000	94800	94000	81	73	75-125	1	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 846858
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3878289 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/03/25 01:28	

LABORATORY CONTROL SAMPLE: 3878290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	976	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3878291 3878292

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1020	1030	101	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 846657
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3877139 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/02/25 06:33	
Arsenic	ug/L	ND	1.0	0.080	06/02/25 06:33	
Beryllium	ug/L	ND	0.20	0.026	06/03/25 05:45	
Cobalt	ug/L	ND	1.0	0.045	06/02/25 06:33	
Selenium	ug/L	ND	1.0	0.26	06/02/25 06:33	
Thallium	ug/L	ND	1.0	0.052	06/02/25 06:33	

LABORATORY CONTROL SAMPLE: 3877140

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.4	106	80-120	
Arsenic	ug/L	40	39.4	99	80-120	
Beryllium	ug/L	40	37.5	94	80-120	
Cobalt	ug/L	40	42.3	106	80-120	
Selenium	ug/L	40	40.0	100	80-120	
Thallium	ug/L	40	41.9	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877141 3877142

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.2	41.8	106	104	75-125	1	20	
Arsenic	ug/L	3.0	40	40	41.2	40.5	96	94	75-125	2	20	
Beryllium	ug/L	ND	40	40	37.4	37.7	94	94	75-125	1	20	
Cobalt	ug/L	ND	40	40	38.5	38.7	96	96	75-125	0	20	
Selenium	ug/L	ND	40	40	37.7	37.3	94	93	75-125	1	20	
Thallium	ug/L	ND	40	40	41.7	42.1	104	105	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 848266
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3885454 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/10/25 13:58	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/10/25 13:58	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/10/25 13:58	

LABORATORY CONTROL SAMPLE: 3885455

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.5	101	90-110	

SAMPLE DUPLICATE: 3885456

Parameter	Units	50403154010 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	466	476	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	466	476	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3885457

Parameter	Units	50402942002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	249	249	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	249	249	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 847387 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3880531 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/04/25 09:20	

LABORATORY CONTROL SAMPLE: 3880532

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	276	92	80-120	

SAMPLE DUPLICATE: 3880533

Parameter	Units	50402942001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	462	466	1	10	

SAMPLE DUPLICATE: 3880534

Parameter	Units	50402942002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	570	567	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 847159
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

SAMPLE DUPLICATE: 3879471

Parameter	Units	50402927002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.2	1	2	H3

SAMPLE DUPLICATE: 3879472

Parameter	Units	50402942002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.8	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 846690
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3877320 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/30/25 11:49	

LABORATORY CONTROL SAMPLE: 3877321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.91	91	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877322 3877323

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.91	0.91	91	90	90-110	0	20	

MATRIX SPIKE SAMPLE: 3877378

Parameter	Units	50402942005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	3.5	2	5.3	93	90-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 846726
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50402942001, 50402942002, 50402942005

METHOD BLANK: 3877483 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/07/25 04:27	

LABORATORY CONTROL SAMPLE: 3877484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877485 3877486

Parameter	Units	50402641002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	10.7	10.7	98	98	80-120	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877487 3877488

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.4	40	40	41.3	41.2	100	99	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17D **Lab ID: 50402942001** Collected: 05/29/25 12:30 Received: 05/29/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0517 ± 0.486 (0.937) C:NA T:97%**	pCi/L	06/26/25 13:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.466 ± 0.353 (0.688) C:76% T:90%**	pCi/L	06/24/25 15:23	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.518 ± 0.839 (1.63)**	pCi/L	06/27/25 15:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17I **Lab ID: 50402942002** Collected: 05/29/25 12:00 Received: 05/29/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.633 ± 0.606 (0.969) C:NA T:94%**	pCi/L	06/26/25 13:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.580 ± 0.502 (1.02) C:76% T:85%**	pCi/L	06/24/25 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.21 ± 1.11 (1.99)**	pCi/L	06/27/25 15:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17I MS **Lab ID: 50402942003** Collected: 05/29/25 12:00 Received: 05/29/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**73.83 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/26/25 13:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**77.78 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/24/25 15:20	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17I MSD **Lab ID: 50402942004** Collected: 05/29/25 12:00 Received: 05/29/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**99.11 %REC 29.25RPD ± NA (NA) C:NA T:NA**	pCi/L	06/26/25 13:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**109.30 %REC 33.70RPD ± NA (NA) C:NA T:NA**	pCi/L	06/24/25 15:21	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Sample: MW-17S **Lab ID: 50402942005** Collected: 05/29/25 14:00 Received: 05/29/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.111 ± 0.687 (1.33) C:NA T:93%**	pCi/L	06/26/25 13:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.342 ± 0.459 (0.982) C:75% T:86%**	pCi/L	06/24/25 15:21	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.342 ± 1.15 (2.31)**	pCi/L	06/27/25 15:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 749888 | Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 | Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402942001, 50402942002, 50402942003, 50402942004, 50402942005

METHOD BLANK: 3652819 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942003, 50402942004, 50402942005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.238 ± 0.309 (0.654) C:76% T:88%	pCi/L	06/24/25 15:23	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

QC Batch: 749887 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50402942001, 50402942002, 50402942003, 50402942004, 50402942005

METHOD BLANK: 3652818 Matrix: Water
Associated Lab Samples: 50402942001, 50402942002, 50402942003, 50402942004, 50402942005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.430 ± 0.348 (0.506) C:NA T:100%	pCi/L	06/26/25 13:54	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50402942001	**MW-17D**	EPA 9056	848125		
50402942002	**MW-17I**	EPA 9056	848125		
50402942005	**MW-17S**	EPA 9056	848125		
50402942001	**MW-17D**	EPA 3010	846646	EPA 6010	846992
50402942002	**MW-17I**	EPA 3010	846646	EPA 6010	846992
50402942005	**MW-17S**	EPA 3010	846646	EPA 6010	846992
50402942001	**MW-17D**	EPA 3010	846858	EPA 6010	847112
50402942002	**MW-17I**	EPA 3010	846858	EPA 6010	847112
50402942005	**MW-17S**	EPA 3010	846858	EPA 6010	847112
50402942001	**MW-17D**	EPA 200.2	846657	EPA 6020	846911
50402942002	**MW-17I**	EPA 200.2	846657	EPA 6020	846911
50402942005	**MW-17S**	EPA 200.2	846657	EPA 6020	846911
50402942001	**MW-17D**	EPA 7470	848195	EPA 7470	848347
50402942002	**MW-17I**	EPA 7470	848195	EPA 7470	848347
50402942005	**MW-17S**	EPA 7470	848195	EPA 7470	848347
50402942001	**MW-17D**	EPA 903.1	749887		
50402942002	**MW-17I**	EPA 903.1	749887		
50402942003	**MW-17I MS**	EPA 903.1	749887		
50402942004	**MW-17I MSD**	EPA 903.1	749887		
50402942005	**MW-17S**	EPA 903.1	749887		
50402942001	**MW-17D**	EPA 904.0	749888		
50402942002	**MW-17I**	EPA 904.0	749888		
50402942003	**MW-17I MS**	EPA 904.0	749888		
50402942004	**MW-17I MSD**	EPA 904.0	749888		
50402942005	**MW-17S**	EPA 904.0	749888		
50402942001	**MW-17D**	Total Radium Calculation	754956		
50402942002	**MW-17I**	Total Radium Calculation	754956		
50402942005	**MW-17S**	Total Radium Calculation	754956		
50402942001	**MW-17D**	SM 2320B	848266		
50402942002	**MW-17I**	SM 2320B	848266		
50402942005	**MW-17S**	SM 2320B	848266		
50402942001	**MW-17D**	SM 2540C	847387		
50402942002	**MW-17I**	SM 2540C	847387		
50402942005	**MW-17S**	SM 2540C	847387		
50402942001	**MW-17D**	SM 4500-H+B	847159		
50402942002	**MW-17I**	SM 4500-H+B	847159		
50402942005	**MW-17S**	SM 4500-H+B	847159		
50402942001	**MW-17D**	EPA 353.2	846690		
50402942002	**MW-17I**	EPA 353.2	846690		
50402942005	**MW-17S**	EPA 353.2	846690		
50402942001	**MW-17D**	SM 5310C	846726		
50402942002	**MW-17I**	SM 5310C	846726		
50402942005	**MW-17S**	SM 5310C	846726		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50402942

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50402942

50402942

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units
MW-17D	GW	G	5/29/25	1230			8		
MW-17I				1200					
MW-17S				1400					
MS 3				1200					
MSD 3				1200					

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA
↓	↓	↓	↓	↓	↓	↓

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By: (Printed Name) Mohammed Bizlamist
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	A	0.9	see sour		Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	5/29/25 1600	Pace	5/29/25 16:00	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 5 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/29/25 17:08 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 (A) B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 2.4/2.4 | 1.0/1.0 | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS Client Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes No

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate 353.2	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any ~~container with a septum~~ cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			—
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details			No VOA Vials Sent
Trip Blank Present?	—	—	
Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													2			2	1	2	1	1									WT	✓	✓		
2													3			6	3	6	3	3									↓	↓	↓		
3													1			2	1	2	1	1									↓	↓	↓		
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Dear Mr. Breting:

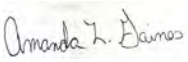
Enclosed are the analytical results for sample(s) received by the laboratory on May 30, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403034001	**MW-105D**	Water	05/29/25 12:27	05/30/25 08:45
50403034002	**MW-105I**	Water	05/29/25 14:10	05/30/25 08:45
50403034003	**DUP 8**	Water	05/29/25 00:01	05/30/25 08:45

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403034001	**MW-105D**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50403034002	**MW-105I**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50403034003	**DUP 8**	EPA 9056	ZM	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403034001	**MW-105D**					
EPA 9056	Chloride	125	mg/L	2.5	06/10/25 19:09	
EPA 9056	Fluoride	0.24	mg/L	0.10	06/10/25 18:52	
EPA 9056	Sulfate	117	mg/L	2.5	06/10/25 19:09	
EPA 6010	Barium	325	ug/L	10.0	06/09/25 02:06	
EPA 6010	Boron	1180	ug/L	100	06/09/25 02:06	
EPA 6010	Calcium	105000	ug/L	1000	06/09/25 02:06	
EPA 6010	Iron	5240	ug/L	100	06/09/25 02:06	
EPA 6010	Magnesium	26500	ug/L	1000	06/09/25 02:06	
EPA 6010	Manganese	117	ug/L	10.0	06/09/25 02:06	
EPA 6010	Molybdenum	13.0	ug/L	10.0	06/09/25 02:06	
EPA 6010	Potassium	5920	ug/L	1000	06/09/25 02:06	
EPA 6010	Sodium	88200	ug/L	1000	06/09/25 02:06	
EPA 6010	Molybdenum, Dissolved	19.1	ug/L	10.0	06/18/25 15:36	
EPA 6020	Arsenic	4.9	ug/L	1.0	06/04/25 14:41	
EPA 903.1	Radium-226	0.664 ± 0.772 (1.28) C:NA T:94%	pCi/L		06/26/25 14:08	
EPA 904.0	Radium-228	1.03 ± 0.482 (0.823) C:72% T:90%	pCi/L		06/24/25 15:21	
Total Radium Calculation	Total Radium	1.69 ± 1.25 (2.10)	pCi/L		06/27/25 15:57	
SM 2320B	Alkalinity, Total as CaCO3	281	mg/L	10.0	06/10/25 13:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	281	mg/L	10.0	06/10/25 13:58	
SM 2540C	Total Dissolved Solids	658	mg/L	10.0	06/04/25 09:25	
SM 4500-H+B	pH at 25 Degrees C	7.8	Std. Units	0.10	06/03/25 17:20	H3
SM 5310C	Dissolved Organic Carbon	1.6	mg/L	1.0	06/05/25 03:59	
50403034002	**MW-105I**					
EPA 9056	Chloride	131	mg/L	2.5	06/10/25 19:42	
EPA 9056	Fluoride	0.18	mg/L	0.10	06/10/25 19:25	
EPA 9056	Sulfate	84.2	mg/L	2.5	06/10/25 19:42	
EPA 6010	Barium	294	ug/L	10.0	06/09/25 02:08	
EPA 6010	Boron	225	ug/L	100	06/09/25 02:08	
EPA 6010	Calcium	90200	ug/L	1000	06/09/25 02:08	
EPA 6010	Iron	4160	ug/L	100	06/09/25 02:08	
EPA 6010	Magnesium	21100	ug/L	1000	06/09/25 02:08	
EPA 6010	Manganese	131	ug/L	10.0	06/09/25 02:08	
EPA 6010	Potassium	5310	ug/L	1000	06/09/25 02:08	
EPA 6010	Sodium	82500	ug/L	1000	06/09/25 02:08	
EPA 6010	Molybdenum, Dissolved	13.2	ug/L	10.0	06/18/25 15:47	
EPA 903.1	Radium-226	1.96 ± 0.927 (1.25) C:NA T:103%	pCi/L		06/26/25 14:08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403034002	**MW-105I**					
EPA 904.0	Radium-228	1.22 ± 0.551 (0.937) C:72% T:84%	pCi/L		06/24/25 15:22	
Total Radium Calculation	Total Radium	3.18 ± 1.48 (2.19)	pCi/L		06/27/25 15:57	
SM 2320B	Alkalinity, Total as CaCO3	276	mg/L	10.0	06/10/25 13:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	276	mg/L	10.0	06/10/25 13:58	
SM 2540C	Total Dissolved Solids	596	mg/L	10.0	06/04/25 09:26	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	06/03/25 17:26	H3
EPA 353.2	Nitrogen, Nitrate	0.33	mg/L	0.10	05/30/25 15:45	
SM 5310C	Dissolved Organic Carbon	1.5	mg/L	1.0	06/05/25 04:19	
50403034003	**DUP 8**					
EPA 9056	Chloride	125	mg/L	2.5	06/10/25 20:49	
EPA 9056	Fluoride	0.24	mg/L	0.10	06/10/25 20:33	
EPA 9056	Sulfate	116	mg/L	2.5	06/10/25 20:49	
EPA 6010	Barium	343	ug/L	10.0	06/09/25 02:10	
EPA 6010	Boron	1220	ug/L	100	06/09/25 02:10	
EPA 6010	Calcium	110000	ug/L	1000	06/09/25 02:10	
EPA 6010	Iron	5520	ug/L	100	06/09/25 02:10	
EPA 6010	Lithium	21.1	ug/L	20.0	06/09/25 02:10	
EPA 6010	Magnesium	27500	ug/L	1000	06/09/25 02:10	
EPA 6010	Manganese	121	ug/L	10.0	06/09/25 02:10	
EPA 6010	Molybdenum	13.0	ug/L	10.0	06/09/25 02:10	
EPA 6010	Potassium	6100	ug/L	1000	06/09/25 02:10	
EPA 6010	Sodium	92100	ug/L	1000	06/09/25 02:10	
EPA 6010	Molybdenum, Dissolved	18.1	ug/L	10.0	06/18/25 15:49	
EPA 6020	Arsenic	4.9	ug/L	1.0	06/04/25 14:49	
EPA 903.1	Radium-226	0.502 ± 0.906 (1.57) C:NA T:91%	pCi/L		06/26/25 14:08	
EPA 904.0	Radium-228	0.544 ± 0.524 (1.08) C:74% T:80%	pCi/L		06/24/25 15:22	
Total Radium Calculation	Total Radium	1.05 ± 1.43 (2.65)	pCi/L		06/27/25 15:57	
SM 2320B	Alkalinity, Total as CaCO3	269	mg/L	10.0	06/10/25 13:58	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	269	mg/L	10.0	06/10/25 13:58	
SM 2540C	Total Dissolved Solids	647	mg/L	10.0	06/04/25 09:26	
SM 4500-H+B	pH at 25 Degrees C	7.3	Std. Units	0.10	06/03/25 17:27	H3
SM 5310C	Dissolved Organic Carbon	1.8	mg/L	1.0	06/05/25 04:39	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: MW-105D **Lab ID: 50403034001** Collected: 05/29/25 12:27 Received: 05/30/25 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**125**	mg/L	2.5	1.3	10		06/10/25 19:09	16887-00-6	
Fluoride	**0.24**	mg/L	0.10	0.016	1		06/10/25 18:52	16984-48-8	
Sulfate	**117**	mg/L	2.5	1.9	10		06/10/25 19:09	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**325**	ug/L	10.0	0.68	1	06/04/25 22:14	06/09/25 02:06	7440-39-3	
Boron	**1180**	ug/L	100	5.6	1	06/04/25 22:14	06/09/25 02:06	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 22:14	06/09/25 02:06	7440-43-9	
Calcium	**105000**	ug/L	1000	83.9	1	06/04/25 22:14	06/09/25 02:06	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 22:14	06/09/25 02:06	7440-47-3	
Iron	**5240**	ug/L	100	41.0	1	06/04/25 22:14	06/09/25 02:06	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 22:14	06/09/25 02:06	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/04/25 22:14	06/09/25 02:06	7439-93-2	
Magnesium	**26500**	ug/L	1000	53.7	1	06/04/25 22:14	06/09/25 02:06	7439-95-4	
Manganese	**117**	ug/L	10.0	0.77	1	06/04/25 22:14	06/09/25 02:06	7439-96-5	
Molybdenum	**13.0**	ug/L	10.0	1.4	1	06/04/25 22:14	06/09/25 02:06	7439-98-7	
Potassium	**5920**	ug/L	1000	113	1	06/04/25 22:14	06/09/25 02:06	7440-09-7	
Sodium	**88200**	ug/L	1000	95.0	1	06/04/25 22:14	06/09/25 02:06	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**19.1**	ug/L	10.0	1.4	1	06/02/25 15:29	06/18/25 15:36	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/03/25 15:17	06/04/25 14:41	7440-36-0	
Arsenic	**4.9**	ug/L	1.0	0.080	1	06/03/25 15:17	06/04/25 14:41	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/03/25 15:17	06/04/25 14:41	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/03/25 15:17	06/04/25 14:41	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/03/25 15:17	06/04/25 14:41	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/03/25 15:17	06/04/25 14:41	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/10/25 15:15	06/10/25 23:12	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**281**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Bicarbonate (CaCO3)	**281**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/10/25 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: MW-105D **Lab ID: 50403034001** Collected: 05/29/25 12:27 Received: 05/30/25 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**658**	mg/L	10.0	10.0	1		06/04/25 09:25		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.8**	Std. Units	0.10	0.10	1		06/03/25 17:20		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/30/25 15:38	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.6**	mg/L	1.0	0.30	1		06/05/25 03:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: MW-105I **Lab ID: 50403034002** Collected: 05/29/25 14:10 Received: 05/30/25 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**131**	mg/L	2.5	1.3	10		06/10/25 19:42	16887-00-6	
Fluoride	**0.18**	mg/L	0.10	0.016	1		06/10/25 19:25	16984-48-8	
Sulfate	**84.2**	mg/L	2.5	1.9	10		06/10/25 19:42	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**294**	ug/L	10.0	0.68	1	06/04/25 22:14	06/09/25 02:08	7440-39-3	
Boron	**225**	ug/L	100	5.6	1	06/04/25 22:14	06/09/25 02:08	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 22:14	06/09/25 02:08	7440-43-9	
Calcium	**90200**	ug/L	1000	83.9	1	06/04/25 22:14	06/09/25 02:08	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 22:14	06/09/25 02:08	7440-47-3	
Iron	**4160**	ug/L	100	41.0	1	06/04/25 22:14	06/09/25 02:08	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 22:14	06/09/25 02:08	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/04/25 22:14	06/09/25 02:08	7439-93-2	
Magnesium	**21100**	ug/L	1000	53.7	1	06/04/25 22:14	06/09/25 02:08	7439-95-4	
Manganese	**131**	ug/L	10.0	0.77	1	06/04/25 22:14	06/09/25 02:08	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/04/25 22:14	06/09/25 02:08	7439-98-7	
Potassium	**5310**	ug/L	1000	113	1	06/04/25 22:14	06/09/25 02:08	7440-09-7	
Sodium	**82500**	ug/L	1000	95.0	1	06/04/25 22:14	06/09/25 02:08	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**13.2**	ug/L	10.0	1.4	1	06/02/25 15:29	06/18/25 15:47	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/03/25 15:17	06/04/25 14:45	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	06/03/25 15:17	06/04/25 14:45	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/03/25 15:17	06/04/25 14:45	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/03/25 15:17	06/04/25 14:45	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/03/25 15:17	06/04/25 14:45	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/03/25 15:17	06/04/25 14:45	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/10/25 15:15	06/10/25 23:14	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**276**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Bicarbonate (CaCO3)	**276**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/10/25 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: MW-105I **Lab ID: 50403034002** Collected: 05/29/25 14:10 Received: 05/30/25 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**596**	mg/L	10.0	10.0	1		06/04/25 09:26		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		06/03/25 17:26		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.33**	mg/L	0.10	0.013	1		05/30/25 15:45	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.5**	mg/L	1.0	0.30	1		06/05/25 04:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: DUP 8 **Lab ID: 50403034003** Collected: 05/29/25 00:01 Received: 05/30/25 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**125**	mg/L	2.5	1.3	10		06/10/25 20:49	16887-00-6	
Fluoride	**0.24**	mg/L	0.10	0.016	1		06/10/25 20:33	16984-48-8	
Sulfate	**116**	mg/L	2.5	1.9	10		06/10/25 20:49	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**343**	ug/L	10.0	0.68	1	06/04/25 22:14	06/09/25 02:10	7440-39-3	
Boron	**1220**	ug/L	100	5.6	1	06/04/25 22:14	06/09/25 02:10	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/04/25 22:14	06/09/25 02:10	7440-43-9	
Calcium	**110000**	ug/L	1000	83.9	1	06/04/25 22:14	06/09/25 02:10	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/04/25 22:14	06/09/25 02:10	7440-47-3	
Iron	**5520**	ug/L	100	41.0	1	06/04/25 22:14	06/09/25 02:10	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/04/25 22:14	06/09/25 02:10	7439-92-1	
Lithium	**21.1**	ug/L	20.0	3.8	1	06/04/25 22:14	06/09/25 02:10	7439-93-2	
Magnesium	**27500**	ug/L	1000	53.7	1	06/04/25 22:14	06/09/25 02:10	7439-95-4	
Manganese	**121**	ug/L	10.0	0.77	1	06/04/25 22:14	06/09/25 02:10	7439-96-5	
Molybdenum	**13.0**	ug/L	10.0	1.4	1	06/04/25 22:14	06/09/25 02:10	7439-98-7	
Potassium	**6100**	ug/L	1000	113	1	06/04/25 22:14	06/09/25 02:10	7440-09-7	
Sodium	**92100**	ug/L	1000	95.0	1	06/04/25 22:14	06/09/25 02:10	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**18.1**	ug/L	10.0	1.4	1	06/02/25 15:29	06/18/25 15:49	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/03/25 15:17	06/04/25 14:49	7440-36-0	
Arsenic	**4.9**	ug/L	1.0	0.080	1	06/03/25 15:17	06/04/25 14:49	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/03/25 15:17	06/04/25 14:49	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/03/25 15:17	06/04/25 14:49	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/03/25 15:17	06/04/25 14:49	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/03/25 15:17	06/04/25 14:49	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/10/25 15:15	06/10/25 23:17	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**269**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Bicarbonate (CaCO3)	**269**	mg/L	10.0	10.0	1		06/10/25 13:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/10/25 13:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: DUP 8 **Lab ID: 50403034003** Collected: 05/29/25 00:01 Received: 05/30/25 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**647**	mg/L	10.0	10.0	1		06/04/25 09:26		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.3**	Std. Units	0.10	0.10	1		06/03/25 17:27		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		05/30/25 15:36	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**1.8**	mg/L	1.0	0.30	1		06/05/25 04:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 848125
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3884775 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/10/25 10:29	
Fluoride	mg/L	ND	0.10	0.016	06/10/25 10:29	
Sulfate	mg/L	ND	0.25	0.19	06/10/25 10:29	

LABORATORY CONTROL SAMPLE: 3884776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	100	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884777 3884778

Parameter	Units	50402942002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	137	25	25	158	157	84	83	80-120	0	15	
Fluoride	mg/L	0.28	1	1	1.2	1.2	89	89	80-120	0	15	
Sulfate	mg/L	82.8	50	50	127	128	88	90	80-120	1	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 848391
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3885833 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/10/25 23:02	

LABORATORY CONTROL SAMPLE: 3885834

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.1	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885835 3885836

Parameter	Units	50403188012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.7	4.8	94	95	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 846855
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3878278 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/09/25 01:11	
Boron	ug/L	ND	100	5.6	06/09/25 01:11	
Cadmium	ug/L	ND	2.0	0.46	06/09/25 01:11	
Calcium	ug/L	ND	1000	83.9	06/09/25 01:11	
Chromium	ug/L	ND	10.0	0.96	06/09/25 01:11	
Iron	ug/L	ND	100	41.0	06/09/25 01:11	
Lead	ug/L	ND	10.0	2.0	06/09/25 01:11	
Lithium	ug/L	ND	20.0	3.8	06/09/25 01:11	
Magnesium	ug/L	ND	1000	53.7	06/09/25 01:11	
Manganese	ug/L	ND	10.0	0.77	06/09/25 01:11	
Molybdenum	ug/L	ND	10.0	1.4	06/09/25 01:11	
Potassium	ug/L	ND	1000	113	06/09/25 01:11	
Sodium	ug/L	ND	1000	95.0	06/09/25 01:11	

LABORATORY CONTROL SAMPLE: 3878279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	957	96	80-120	
Boron	ug/L	1000	895	89	80-120	
Cadmium	ug/L	1000	883	88	80-120	
Calcium	ug/L	10000	9420	94	80-120	
Chromium	ug/L	1000	940	94	80-120	
Iron	ug/L	10000	9210	92	80-120	
Lead	ug/L	1000	862	86	80-120	
Lithium	ug/L	1000	932	93	80-120	
Magnesium	ug/L	10000	9000	90	80-120	
Manganese	ug/L	1000	899	90	80-120	
Molybdenum	ug/L	1000	916	92	80-120	
Potassium	ug/L	10000	9270	93	80-120	
Sodium	ug/L	10000	9350	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3878280 3878281

Parameter	Units	50402976001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	108	1000	1000	1060	1100	95	100	75-125	4	20	
Boron	ug/L	826	1000	1000	1720	1740	90	92	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3878280 3878281

Parameter	Units	50402976001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	907	960	91	96	75-125	6	20	
Calcium	ug/L	99500	10000	10000	107000	105000	75	56	75-125	2	20	P6
Chromium	ug/L	ND	1000	1000	924	968	92	97	75-125	5	20	
Iron	ug/L	2730	10000	10000	11900	12200	91	95	75-125	3	20	
Lead	ug/L	ND	1000	1000	864	912	86	91	75-125	5	20	
Lithium	ug/L	ND	1000	1000	948	999	94	100	75-125	5	20	
Magnesium	ug/L	28800	10000	10000	37200	36900	84	81	75-125	1	20	
Manganese	ug/L	203	1000	1000	1070	1110	87	91	75-125	4	20	
Molybdenum	ug/L	ND	1000	1000	946	1000	95	100	75-125	6	20	
Potassium	ug/L	1410	10000	10000	10900	11400	95	99	75-125	4	20	
Sodium	ug/L	8480	10000	10000	17700	18100	93	96	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 846859
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3878293 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/18/25 14:38	

LABORATORY CONTROL SAMPLE: 3878294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	962	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3878295 3878296

Parameter	Units	50403034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	19.1	1000	1000	981	660	96	64	75-125	39	20	M0,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 847080
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3879176 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/04/25 11:23	
Arsenic	ug/L	ND	1.0	0.080	06/04/25 11:23	
Beryllium	ug/L	ND	0.20	0.026	06/04/25 11:23	
Cobalt	ug/L	ND	1.0	0.045	06/04/25 11:23	
Selenium	ug/L	ND	1.0	0.26	06/04/25 11:23	
Thallium	ug/L	ND	1.0	0.052	06/04/25 11:23	

LABORATORY CONTROL SAMPLE: 3879177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.6	104	80-120	
Arsenic	ug/L	40	39.2	98	80-120	
Beryllium	ug/L	40	37.2	93	80-120	
Cobalt	ug/L	40	40.6	102	80-120	
Selenium	ug/L	40	40.3	101	80-120	
Thallium	ug/L	40	40.5	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879178 3879179

Parameter	Units	50402938007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<2.0	40	40	42.2	42.7	105	107	75-125	1	20	
Arsenic	ug/L	<5.0	40	40	41.7	41.1	101	100	75-125	1	20	
Beryllium	ug/L	<1.0	40	40	38.6	38.3	96	96	75-125	1	20	
Cobalt	ug/L	<1.0	40	40	39.7	39.6	99	98	75-125	0	20	
Selenium	ug/L	<5.0	40	40	40.8	38.0	102	95	75-125	7	20	
Thallium	ug/L	<2.0	40	40	41.4	41.6	104	104	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 848266
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3885454 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/10/25 13:58	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/10/25 13:58	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/10/25 13:58	

LABORATORY CONTROL SAMPLE: 3885455

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.5	101	90-110	

SAMPLE DUPLICATE: 3885456

Parameter	Units	50403154010 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	466	476	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	466	476	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3885457

Parameter	Units	50402942002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	249	249	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	249	249	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 847387 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3880531 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/04/25 09:20	

LABORATORY CONTROL SAMPLE: 3880532

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	276	92	80-120	

SAMPLE DUPLICATE: 3880533

Parameter	Units	50402942001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	462	466	1	10	

SAMPLE DUPLICATE: 3880534

Parameter	Units	50402942002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	570	567	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 847159
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

SAMPLE DUPLICATE: 3879471

Parameter	Units	50402927002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.3	7.2	1	2	H3

SAMPLE DUPLICATE: 3879472

Parameter	Units	50402942002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.7	7.8	1	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 846771
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3877687 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	05/30/25 15:32	

LABORATORY CONTROL SAMPLE: 3877688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.93	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3877689 3877690

Parameter	Units	50403034001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	0.99	93	93	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 846475
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3876345 Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/04/25 19:23	

LABORATORY CONTROL SAMPLE: 3876346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876347 3876348

Parameter	Units	50402195001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	10.6	10.6	99	99	80-120	0	15	

MATRIX SPIKE SAMPLE: 3876349

Parameter	Units	50402195002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	10.1	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: MW-105D **Lab ID: 50403034001** Collected: 05/29/25 12:27 Received: 05/30/25 08:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.664 ± 0.772 (1.28) C:NA T:94%**	pCi/L	06/26/25 14:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.03 ± 0.482 (0.823) C:72% T:90%**	pCi/L	06/24/25 15:21	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.69 ± 1.25 (2.10)**	pCi/L	06/27/25 15:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: MW-105I **Lab ID: 50403034002** Collected: 05/29/25 14:10 Received: 05/30/25 08:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.96 ± 0.927 (1.25) C:NA T:103%**	pCi/L	06/26/25 14:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.22 ± 0.551 (0.937) C:72% T:84%**	pCi/L	06/24/25 15:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.18 ± 1.48 (2.19)**	pCi/L	06/27/25 15:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Sample: DUP 8 **Lab ID: 50403034003** Collected: 05/29/25 00:01 Received: 05/30/25 08:45 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.502 ± 0.906 (1.57) C:NA T:91%**	pCi/L	06/26/25 14:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.544 ± 0.524 (1.08) C:74% T:80%**	pCi/L	06/24/25 15:22	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.05 ± 1.43 (2.65)**	pCi/L	06/27/25 15:57	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 749888
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3652819
Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.238 ± 0.309 (0.654) C:76% T:88%	pCi/L	06/24/25 15:23	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

QC Batch: 749887
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403034001, 50403034002, 50403034003

METHOD BLANK: 3652818
Matrix: Water
Associated Lab Samples: 50403034001, 50403034002, 50403034003

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.430 ± 0.348 (0.506) C:NA T:100%	pCi/L	06/26/25 13:54	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403034

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403034001	**MW-105D**	EPA 9056	848125		
50403034002	**MW-105I**	EPA 9056	848125		
50403034003	**DUP 8**	EPA 9056	848125		
50403034001	**MW-105D**	EPA 3010	846855	EPA 6010	848103
50403034002	**MW-105I**	EPA 3010	846855	EPA 6010	848103
50403034003	**DUP 8**	EPA 3010	846855	EPA 6010	848103
50403034001	**MW-105D**	EPA 3010	846859	EPA 6010	847693
50403034002	**MW-105I**	EPA 3010	846859	EPA 6010	847693
50403034003	**DUP 8**	EPA 3010	846859	EPA 6010	847693
50403034001	**MW-105D**	EPA 200.2	847080	EPA 6020	847353
50403034002	**MW-105I**	EPA 200.2	847080	EPA 6020	847353
50403034003	**DUP 8**	EPA 200.2	847080	EPA 6020	847353
50403034001	**MW-105D**	EPA 7470	848391	EPA 7470	848467
50403034002	**MW-105I**	EPA 7470	848391	EPA 7470	848467
50403034003	**DUP 8**	EPA 7470	848391	EPA 7470	848467
50403034001	**MW-105D**	EPA 903.1	749887		
50403034002	**MW-105I**	EPA 903.1	749887		
50403034003	**DUP 8**	EPA 903.1	749887		
50403034001	**MW-105D**	EPA 904.0	749888		
50403034002	**MW-105I**	EPA 904.0	749888		
50403034003	**DUP 8**	EPA 904.0	749888		
50403034001	**MW-105D**	Total Radium Calculation	754956		
50403034002	**MW-105I**	Total Radium Calculation	754956		
50403034003	**DUP 8**	Total Radium Calculation	754956		
50403034001	**MW-105D**	SM 2320B	848266		
50403034002	**MW-105I**	SM 2320B	848266		
50403034003	**DUP 8**	SM 2320B	848266		
50403034001	**MW-105D**	SM 2540C	847387		
50403034002	**MW-105I**	SM 2540C	847387		
50403034003	**DUP 8**	SM 2540C	847387		
50403034001	**MW-105D**	SM 4500-H+B	847159		
50403034002	**MW-105I**	SM 4500-H+B	847159		
50403034003	**DUP 8**	SM 4500-H+B	847159		
50403034001	**MW-105D**	EPA 353.2	846771		
50403034002	**MW-105I**	EPA 353.2	846771		
50403034003	**DUP 8**	EPA 353.2	846771		
50403034001	**MW-105D**	SM 5310C	846475		
50403034002	**MW-105I**	SM 5310C	846475		
50403034003	**DUP 8**	SM 5310C	846475		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder Label Here

WO# : 50403034

50403034

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: Std TAT

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA				Sample Comment	Preservation non-conformance identified for sample.
MW-105D	GW	G			5/29/25	12:27	8			X	X	X	X	X	X	X					
MW-105I	GW	G			5/29/25	14:30	8			X	X	X	X	X	X	X					
DUP-8	GW	G			5/29/25	00:00	8			X	X	X	X	X	X	X					

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Amanda Gaines
AcctNum / Client ID:
Table #:
Profile / Template: 10498/73
Prelog / Bottle Ord. ID: EZ 3249714

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) MARK BRETING
Signature: Mark Breting

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
		See SCUR			

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Mark Breting / Atlas	5/30/25 08:51	NW		
NW	5/30 845		5/30 845	Delivered by: [ ] In- Person [X] Courier
				[ ] FedEX [ ] UPS [ ] Other
				Page: 3 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 5/30/25 1210 FMC

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G (H) I

2. Cooler Temperature(s): (Initial/Corrected) 1.2/1.3 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap Bubble Bags (None) Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS Client Pace (Now)Jett Other

6. Custody Seal on Cooler/Box Present: (Yes) No

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: NO3	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	(N/A)
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			✓

Comments:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													1			2	1	2	1	1									M	✓	✓		
2													↓			↓	↓	↓	↓	↓									↓	↓	↓			
3													↓			↓	↓	↓	↓	↓									↓	↓	↓			
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio, clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic
NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Dear Mr. Breting:

Enclosed are the analytical results for sample(s) received by the laboratory on June 02, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403215001	**MW-107I**	Water	06/02/25 13:46	06/02/25 16:10

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403215001	**MW-107I**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	CAS	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403215001	**MW-107I**					
EPA 9056	Chloride	175	mg/L	2.5	06/13/25 12:19	
EPA 9056	Fluoride	0.51	mg/L	0.10	06/12/25 22:32	
EPA 9056	Sulfate	622	mg/L	25.0	06/12/25 23:06	
EPA 6010	Barium	30.2	ug/L	10.0	06/11/25 23:05	
EPA 6010	Boron	5970	ug/L	100	06/11/25 23:05	
EPA 6010	Calcium	209000	ug/L	2000	06/11/25 23:11	
EPA 6010	Lithium	45.9	ug/L	20.0	06/11/25 23:05	
EPA 6010	Magnesium	62700	ug/L	1000	06/11/25 23:05	
EPA 6010	Molybdenum	96.7	ug/L	10.0	06/11/25 23:05	
EPA 6010	Potassium	8390	ug/L	1000	06/11/25 23:05	
EPA 6010	Sodium	143000	ug/L	1000	06/11/25 23:05	
EPA 6010	Molybdenum, Dissolved	103	ug/L	10.0	06/05/25 01:30	
EPA 903.1	Radium-226	0.0543 ± 0.573 (1.09) C:NA T:100%	pCi/L		06/26/25 14:59	
EPA 904.0	Radium-228	0.638 ± 0.434 (0.830) C:75% T:86%	pCi/L		06/24/25 14:38	
Total Radium Calculation	Total Radium	0.692 ± 1.01 (1.92)	pCi/L		06/27/25 15:32	
SM 2320B	Alkalinity, Total as CaCO3	224	mg/L	10.0	06/11/25 11:08	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	224	mg/L	10.0	06/11/25 11:08	
SM 2540C	Total Dissolved Solids	3050	mg/L	20.0	06/04/25 09:40	
SM 4500-H+B	pH at 25 Degrees C	7.5	Std. Units	0.10	06/12/25 10:48	H3
EPA 353.2	Nitrogen, Nitrate	0.20	mg/L	0.10	06/03/25 16:44	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Sample: MW-107I **Lab ID: 50403215001** Collected: 06/02/25 13:46 Received: 06/02/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**175**	mg/L	2.5	1.3	10		06/13/25 12:19	16887-00-6	
Fluoride	**0.51**	mg/L	0.10	0.016	1		06/12/25 22:32	16984-48-8	
Sulfate	**622**	mg/L	25.0	19.0	100		06/12/25 23:06	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.2**	ug/L	10.0	0.68	1	06/06/25 08:26	06/11/25 23:05	7440-39-3	
Boron	**5970**	ug/L	100	5.6	1	06/06/25 08:26	06/11/25 23:05	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/06/25 08:26	06/11/25 23:05	7440-43-9	
Calcium	**209000**	ug/L	2000	168	2	06/06/25 08:26	06/11/25 23:11	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/06/25 08:26	06/11/25 23:05	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/06/25 08:26	06/11/25 23:05	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/06/25 08:26	06/11/25 23:05	7439-92-1	
Lithium	**45.9**	ug/L	20.0	3.8	1	06/06/25 08:26	06/11/25 23:05	7439-93-2	
Magnesium	**62700**	ug/L	1000	53.7	1	06/06/25 08:26	06/11/25 23:05	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	06/06/25 08:26	06/11/25 23:05	7439-96-5	
Molybdenum	**96.7**	ug/L	10.0	1.4	1	06/06/25 08:26	06/11/25 23:05	7439-98-7	
Potassium	**8390**	ug/L	1000	113	1	06/06/25 08:26	06/11/25 23:05	7440-09-7	
Sodium	**143000**	ug/L	1000	95.0	1	06/06/25 08:26	06/11/25 23:05	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**103**	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 01:30	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/04/25 15:30	06/06/25 09:49	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	06/04/25 15:30	06/06/25 09:49	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/04/25 15:30	06/06/25 09:49	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/04/25 15:30	06/06/25 09:49	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/04/25 15:30	06/06/25 09:49	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/04/25 15:30	06/06/25 09:49	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 12:05	06/12/25 01:12	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**224**	mg/L	10.0	10.0	1		06/11/25 11:08		
Alkalinity,Bicarbonate (CaCO3)	**224**	mg/L	10.0	10.0	1		06/11/25 11:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/11/25 11:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Sample: MW-107I **Lab ID: 50403215001** Collected: 06/02/25 13:46 Received: 06/02/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**3050**	mg/L	20.0	20.0	1		06/04/25 09:40		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.5**	Std. Units	0.10	0.10	1		06/12/25 10:48		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.20**	mg/L	0.10	0.013	1		06/03/25 16:44	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	2.0	0.60	2		06/13/25 13:43		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 848619
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3886859 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/12/25 09:54	
Fluoride	mg/L	ND	0.10	0.016	06/12/25 09:54	
Sulfate	mg/L	ND	0.25	0.19	06/12/25 09:54	

LABORATORY CONTROL SAMPLE: 3886860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	100	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3886862 3886863

Parameter	Units	50403215001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	175	25	25	185	185	39	39	80-120	0	15	M0
Fluoride	mg/L	0.51	1	1	1.4	1.4	90	90	80-120	0	15	
Sulfate	mg/L	622	500	500	1070	1070	89	89	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 848503
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3886453 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/12/25 00:40	

LABORATORY CONTROL SAMPLE: 3886454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3886455 3886456

Parameter	Units	50402525001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.7	4.7	94	93	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 847096
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3879274 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/11/25 22:29	
Boron	ug/L	ND	100	5.6	06/11/25 22:29	
Cadmium	ug/L	ND	2.0	0.46	06/11/25 22:29	
Calcium	ug/L	ND	1000	83.9	06/11/25 22:29	
Chromium	ug/L	ND	10.0	0.96	06/11/25 22:29	
Iron	ug/L	ND	100	41.0	06/11/25 22:29	
Lead	ug/L	ND	10.0	2.0	06/11/25 22:29	
Lithium	ug/L	ND	20.0	3.8	06/11/25 22:29	
Magnesium	ug/L	ND	1000	53.7	06/11/25 22:29	
Manganese	ug/L	ND	10.0	0.77	06/11/25 22:29	
Molybdenum	ug/L	ND	10.0	1.4	06/11/25 22:29	
Potassium	ug/L	ND	1000	113	06/11/25 22:29	
Sodium	ug/L	ND	1000	95.0	06/11/25 22:29	

LABORATORY CONTROL SAMPLE: 3879275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	938	94	80-120	
Boron	ug/L	1000	921	92	80-120	
Cadmium	ug/L	1000	937	94	80-120	
Calcium	ug/L	10000	9740	97	80-120	
Chromium	ug/L	1000	944	94	80-120	
Iron	ug/L	10000	9360	94	80-120	
Lead	ug/L	1000	905	91	80-120	
Lithium	ug/L	1000	955	96	80-120	
Magnesium	ug/L	10000	9330	93	80-120	
Manganese	ug/L	1000	925	93	80-120	
Molybdenum	ug/L	1000	960	96	80-120	
Potassium	ug/L	10000	9370	94	80-120	
Sodium	ug/L	10000	9430	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879276 3879277

Parameter	Units	50403169002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	562	1000	1000	1560	1570	100	101	75-125	1	20	
Boron	ug/L	179	1000	1000	1190	1190	101	101	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879276 3879277

Parameter	Units	50403169002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	975	982	97	98	75-125	1	20	
Calcium	ug/L	273000	10000	10000	285000	285000	117	115	75-125	0	20	E
Chromium	ug/L	38.3	1000	1000	1010	1010	97	97	75-125	0	20	
Iron	ug/L	44800	10000	10000	55700	55700	109	109	75-125	0	20	
Lead	ug/L	20.3	1000	1000	906	912	89	89	75-125	1	20	
Lithium	ug/L	38.9	1000	1000	1030	1020	99	98	75-125	1	20	
Magnesium	ug/L	68200	10000	10000	79200	78700	109	105	75-125	1	20	
Manganese	ug/L	1250	1000	1000	2190	2190	94	94	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	992	1000	99	99	75-125	1	20	
Potassium	ug/L	20000	10000	10000	33200	32900	132	129	75-125	1	20	M3
Sodium	ug/L	56200	10000	10000	66800	66600	106	104	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 847313
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3880229 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 00:46	

LABORATORY CONTROL SAMPLE: 3880230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	982	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880231 3880232

Parameter	Units	50402870001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	964	992	96	99	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880233 3880234

Parameter	Units	50402872001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	967	985	96	98	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 847363
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3880476 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/06/25 05:04	
Arsenic	ug/L	ND	1.0	0.080	06/06/25 05:04	
Beryllium	ug/L	ND	0.20	0.026	06/06/25 05:04	
Cobalt	ug/L	ND	1.0	0.045	06/06/25 05:04	
Selenium	ug/L	ND	1.0	0.26	06/06/25 05:04	
Thallium	ug/L	ND	1.0	0.052	06/06/25 05:04	

LABORATORY CONTROL SAMPLE: 3880477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.6	104	80-120	
Arsenic	ug/L	40	40.0	100	80-120	
Beryllium	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	41.8	105	80-120	
Selenium	ug/L	40	40.5	101	80-120	
Thallium	ug/L	40	40.7	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880478 3880479

Parameter	Units	50403154003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	40.7	41.1	101	102	75-125	1	20	
Arsenic	ug/L	16.8	40	40	57.2	57.7	101	102	75-125	1	20	
Beryllium	ug/L	ND	40	40	41.3	41.2	103	103	75-125	0	20	
Cobalt	ug/L	ND	40	40	42.0	43.0	99	102	75-125	2	20	
Selenium	ug/L	ND	40	40	44.8	45.3	111	112	75-125	1	20	
Thallium	ug/L	ND	40	40	39.9	40.3	100	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 848514
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3886482 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/11/25 11:08	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/11/25 11:08	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/11/25 11:08	

LABORATORY CONTROL SAMPLE: 3886483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.2	102	90-110	

SAMPLE DUPLICATE: 3886484

Parameter	Units	50403152001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	313	305	3	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	313	305	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3886485

Parameter	Units	50403366009 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	345	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	349	345	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<20.0	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 847389
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3880535 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/04/25 09:32	

LABORATORY CONTROL SAMPLE: 3880536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	284	95	80-120	

SAMPLE DUPLICATE: 3880537

Parameter	Units	50403054001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	500	488	2	10	

SAMPLE DUPLICATE: 3880538

Parameter	Units	50403171001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	531	533	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 848785
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50403215001

SAMPLE DUPLICATE: 3887517

Parameter	Units	20356260001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3887518

Parameter	Units	50403326004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.7	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 847283
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3880104 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	06/03/25 16:35	

LABORATORY CONTROL SAMPLE: 3880105

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.93	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880106 3880107

Parameter	Units	50403216001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.93	0.92	91	90	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 848885
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403215001

METHOD BLANK: 3888040 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/13/25 02:13	

LABORATORY CONTROL SAMPLE: 3888041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.5	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3888042 3888043

Parameter	Units	10736872001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	6.4	40	40	46.5	48.8	100	106	80-120	5	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Sample: MW-107I **Lab ID: 50403215001** Collected: 06/02/25 13:46 Received: 06/02/25 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0543 ± 0.573 (1.09) C:NA T:100%**	pCi/L	06/26/25 14:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.638 ± 0.434 (0.830) C:75% T:86%**	pCi/L	06/24/25 14:38	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.692 ± 1.01 (1.92)**	pCi/L	06/27/25 15:32	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 751382
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403215001

METHOD BLANK: 3660860 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.311 (0.637) C:NA T:98%	pCi/L	06/26/25 14:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

QC Batch: 751383
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403215001

METHOD BLANK: 3660861 Matrix: Water
Associated Lab Samples: 50403215001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.614 ± 0.383 (0.717) C:82% T:92%	pCi/L	06/24/25 14:36	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403215

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403215001	**MW-107I**	EPA 9056	848619		
50403215001	**MW-107I**	EPA 3010	847096	EPA 6010	848715
50403215001	**MW-107I**	EPA 3010	847313	EPA 6010	847558
50403215001	**MW-107I**	EPA 200.2	847363	EPA 6020	847556
50403215001	**MW-107I**	EPA 7470	848503	EPA 7470	848695
50403215001	**MW-107I**	EPA 903.1	751382		
50403215001	**MW-107I**	EPA 904.0	751383		
50403215001	**MW-107I**	Total Radium Calculation	754941		
50403215001	**MW-107I**	SM 2320B	848514		
50403215001	**MW-107I**	SM 2540C	847389		
50403215001	**MW-107I**	SM 4500-H+B	848785		
50403215001	**MW-107I**	EPA 353.2	847283		
50403215001	**MW-107I**	SM 5310C	848885		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Affix Workorder/Login Label Here

WO# : 50403215

50403215

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA			Sample Comment
MW-107 I	GW	G			6-2-25	1346	8			1	1	1	1	1	1	2			001

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mark Breting
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obsd Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	G	-.2	1.3	1.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Mykal Bertram / ATLAS	6-2-25 1610	Pace	6/2/25 16:10
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/2/25 16:35 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I

2. Cooler Temperature(s): (Initial/Corrected) 1.3/1.1 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No **(leave blank if no seals were present)**

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? **Analysis:** 353.2 Nitrate	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	—		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A —
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent —
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													1			2	1	2	1	1									WT	✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic
NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Dear Mr. Breting:

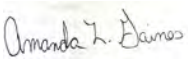
Enclosed are the analytical results for sample(s) received by the laboratory on June 02, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403216001	**MW-18S**	Water	06/02/25 11:12	06/02/25 16:10
50403216002	**MW-18I**	Water	06/02/25 14:44	06/02/25 16:10

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403216001	**MW-18S**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I
50403216002	**MW-18I**	EPA 9056	ZM	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	MMS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403216001	**MW-18S**					
EPA 9056	Chloride	121	mg/L	2.5	06/13/25 13:10	
EPA 9056	Fluoride	0.21	mg/L	0.10	06/13/25 01:36	
EPA 9056	Sulfate	71.8	mg/L	2.5	06/13/25 13:10	
EPA 6010	Barium	222	ug/L	10.0	06/11/25 23:07	
EPA 6010	Boron	183	ug/L	100	06/11/25 23:07	
EPA 6010	Calcium	78600	ug/L	1000	06/11/25 23:07	
EPA 6010	Iron	838	ug/L	100	06/11/25 23:07	
EPA 6010	Magnesium	23200	ug/L	1000	06/11/25 23:07	
EPA 6010	Manganese	355	ug/L	10.0	06/11/25 23:07	
EPA 6010	Potassium	7760	ug/L	1000	06/11/25 23:07	
EPA 6010	Sodium	85000	ug/L	1000	06/11/25 23:07	
EPA 6020	Arsenic	1.0	ug/L	1.0	06/06/25 09:53	
EPA 903.1	Radium-226	1.04 ± 0.813 (1.24) C:NA T:93%	pCi/L		06/26/25 14:59	
EPA 904.0	Radium-228	0.00719 ± 0.423 (0.977) C:79% T:89%	pCi/L		06/24/25 14:38	
Total Radium Calculation	Total Radium	1.05 ± 1.24 (2.22)	pCi/L		06/27/25 15:32	
SM 2320B	Alkalinity, Total as CaCO3	262	mg/L	10.0	06/11/25 11:08	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	262	mg/L	10.0	06/11/25 11:08	
SM 2540C	Total Dissolved Solids	549	mg/L	10.0	06/05/25 08:25	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	06/12/25 10:49	H3
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	06/05/25 04:59	
50403216002	**MW-18I**					
EPA 9056	Chloride	175	mg/L	2.5	06/12/25 21:42	
EPA 9056	Fluoride	0.16	mg/L	0.10	06/12/25 21:26	
EPA 9056	Sulfate	61.8	mg/L	2.5	06/12/25 21:42	
EPA 6010	Barium	420	ug/L	10.0	06/11/25 23:09	
EPA 6010	Boron	332	ug/L	100	06/11/25 23:09	
EPA 6010	Calcium	88900	ug/L	1000	06/11/25 23:09	
EPA 6010	Iron	2660	ug/L	100	06/11/25 23:09	
EPA 6010	Magnesium	27500	ug/L	1000	06/11/25 23:09	
EPA 6010	Manganese	115	ug/L	10.0	06/11/25 23:09	
EPA 6010	Potassium	9500	ug/L	1000	06/11/25 23:09	
EPA 6010	Sodium	88200	ug/L	1000	06/11/25 23:09	
EPA 6020	Arsenic	2.2	ug/L	1.0	06/06/25 09:57	
EPA 903.1	Radium-226	1.54 ± 0.688 (0.746) C:NA T:96%	pCi/L		06/26/25 15:12	
EPA 904.0	Radium-228	0.933 ± 0.449 (0.758) C:76% T:90%	pCi/L		06/24/25 14:38	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403216002	**MW-18I**					
Total Radium Calculation	Total Radium	2.47 ± 1.14 (1.50)	pCi/L		06/27/25 15:32	
SM 2320B	Alkalinity, Total as CaCO3	271	mg/L	10.0	06/11/25 11:08	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	271	mg/L	10.0	06/11/25 11:08	
SM 2540C	Total Dissolved Solids	630	mg/L	10.0	06/05/25 08:25	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	06/12/25 10:53	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	1.0	06/05/25 05:19	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Sample: MW-18S **Lab ID: 50403216001** Collected: 06/02/25 11:12 Received: 06/02/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**121**	mg/L	2.5	1.3	10		06/13/25 13:10	16887-00-6	
Fluoride	**0.21**	mg/L	0.10	0.016	1		06/13/25 01:36	16984-48-8	
Sulfate	**71.8**	mg/L	2.5	1.9	10		06/13/25 13:10	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**222**	ug/L	10.0	0.68	1	06/06/25 08:26	06/11/25 23:07	7440-39-3	
Boron	**183**	ug/L	100	5.6	1	06/06/25 08:26	06/11/25 23:07	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/06/25 08:26	06/11/25 23:07	7440-43-9	
Calcium	**78600**	ug/L	1000	83.9	1	06/06/25 08:26	06/11/25 23:07	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/06/25 08:26	06/11/25 23:07	7440-47-3	
Iron	**838**	ug/L	100	41.0	1	06/06/25 08:26	06/11/25 23:07	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/06/25 08:26	06/11/25 23:07	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/06/25 08:26	06/11/25 23:07	7439-93-2	
Magnesium	**23200**	ug/L	1000	53.7	1	06/06/25 08:26	06/11/25 23:07	7439-95-4	
Manganese	**355**	ug/L	10.0	0.77	1	06/06/25 08:26	06/11/25 23:07	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/06/25 08:26	06/11/25 23:07	7439-98-7	
Potassium	**7760**	ug/L	1000	113	1	06/06/25 08:26	06/11/25 23:07	7440-09-7	
Sodium	**85000**	ug/L	1000	95.0	1	06/06/25 08:26	06/11/25 23:07	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 01:37	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/04/25 15:30	06/06/25 09:53	7440-36-0	
Arsenic	**1.0**	ug/L	1.0	0.080	1	06/04/25 15:30	06/06/25 09:53	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/04/25 15:30	06/06/25 09:53	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/04/25 15:30	06/06/25 09:53	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/04/25 15:30	06/06/25 09:53	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/04/25 15:30	06/06/25 09:53	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 12:05	06/12/25 01:22	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**262**	mg/L	10.0	10.0	1		06/11/25 11:08		
Alkalinity,Bicarbonate (CaCO3)	**262**	mg/L	10.0	10.0	1		06/11/25 11:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/11/25 11:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Sample: MW-18S **Lab ID: 50403216001** Collected: 06/02/25 11:12 Received: 06/02/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**549**	mg/L	10.0	10.0	1		06/05/25 08:25		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		06/12/25 10:49		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/03/25 16:38	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.30	1		06/05/25 04:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Sample: MW-18I **Lab ID: 50403216002** Collected: 06/02/25 14:44 Received: 06/02/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**175**	mg/L	2.5	1.3	10		06/12/25 21:42	16887-00-6	
Fluoride	**0.16**	mg/L	0.10	0.016	1		06/12/25 21:26	16984-48-8	
Sulfate	**61.8**	mg/L	2.5	1.9	10		06/12/25 21:42	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**420**	ug/L	10.0	0.68	1	06/06/25 08:26	06/11/25 23:09	7440-39-3	
Boron	**332**	ug/L	100	5.6	1	06/06/25 08:26	06/11/25 23:09	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/06/25 08:26	06/11/25 23:09	7440-43-9	
Calcium	**88900**	ug/L	1000	83.9	1	06/06/25 08:26	06/11/25 23:09	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/06/25 08:26	06/11/25 23:09	7440-47-3	
Iron	**2660**	ug/L	100	41.0	1	06/06/25 08:26	06/11/25 23:09	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/06/25 08:26	06/11/25 23:09	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/06/25 08:26	06/11/25 23:09	7439-93-2	
Magnesium	**27500**	ug/L	1000	53.7	1	06/06/25 08:26	06/11/25 23:09	7439-95-4	
Manganese	**115**	ug/L	10.0	0.77	1	06/06/25 08:26	06/11/25 23:09	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/06/25 08:26	06/11/25 23:09	7439-98-7	
Potassium	**9500**	ug/L	1000	113	1	06/06/25 08:26	06/11/25 23:09	7440-09-7	
Sodium	**88200**	ug/L	1000	95.0	1	06/06/25 08:26	06/11/25 23:09	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/04/25 08:58	06/05/25 01:39	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/04/25 15:30	06/06/25 09:57	7440-36-0	
Arsenic	**2.2**	ug/L	1.0	0.080	1	06/04/25 15:30	06/06/25 09:57	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/04/25 15:30	06/06/25 09:57	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/04/25 15:30	06/06/25 09:57	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/04/25 15:30	06/06/25 09:57	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/04/25 15:30	06/06/25 09:57	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 12:05	06/12/25 01:24	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**271**	mg/L	10.0	10.0	1		06/11/25 11:08		
Alkalinity,Bicarbonate (CaCO3)	**271**	mg/L	10.0	10.0	1		06/11/25 11:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/11/25 11:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Sample: MW-18I **Lab ID: 50403216002** Collected: 06/02/25 14:44 Received: 06/02/25 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**630**	mg/L	10.0	10.0	1		06/05/25 08:25		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		06/12/25 10:53		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/03/25 16:46	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	1.0	0.30	1		06/05/25 05:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 848619
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3886859 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/12/25 09:54	
Fluoride	mg/L	ND	0.10	0.016	06/12/25 09:54	
Sulfate	mg/L	ND	0.25	0.19	06/12/25 09:54	

LABORATORY CONTROL SAMPLE: 3886860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	100	80-120	
Fluoride	mg/L	1	0.97	97	80-120	
Sulfate	mg/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3886862 3886863

Parameter	Units	50403215001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	175	25	25	185	185	39	39	80-120	0	15	M0
Fluoride	mg/L	0.51	1	1	1.4	1.4	90	90	80-120	0	15	
Sulfate	mg/L	622	500	500	1070	1070	89	89	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 848503
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3886453 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/12/25 00:40	

LABORATORY CONTROL SAMPLE: 3886454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.6	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3886455 3886456

Parameter	Units	50402525001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.7	4.7	94	93	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 847096
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3879274 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/11/25 22:29	
Boron	ug/L	ND	100	5.6	06/11/25 22:29	
Cadmium	ug/L	ND	2.0	0.46	06/11/25 22:29	
Calcium	ug/L	ND	1000	83.9	06/11/25 22:29	
Chromium	ug/L	ND	10.0	0.96	06/11/25 22:29	
Iron	ug/L	ND	100	41.0	06/11/25 22:29	
Lead	ug/L	ND	10.0	2.0	06/11/25 22:29	
Lithium	ug/L	ND	20.0	3.8	06/11/25 22:29	
Magnesium	ug/L	ND	1000	53.7	06/11/25 22:29	
Manganese	ug/L	ND	10.0	0.77	06/11/25 22:29	
Molybdenum	ug/L	ND	10.0	1.4	06/11/25 22:29	
Potassium	ug/L	ND	1000	113	06/11/25 22:29	
Sodium	ug/L	ND	1000	95.0	06/11/25 22:29	

LABORATORY CONTROL SAMPLE: 3879275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	938	94	80-120	
Boron	ug/L	1000	921	92	80-120	
Cadmium	ug/L	1000	937	94	80-120	
Calcium	ug/L	10000	9740	97	80-120	
Chromium	ug/L	1000	944	94	80-120	
Iron	ug/L	10000	9360	94	80-120	
Lead	ug/L	1000	905	91	80-120	
Lithium	ug/L	1000	955	96	80-120	
Magnesium	ug/L	10000	9330	93	80-120	
Manganese	ug/L	1000	925	93	80-120	
Molybdenum	ug/L	1000	960	96	80-120	
Potassium	ug/L	10000	9370	94	80-120	
Sodium	ug/L	10000	9430	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879276 3879277

Parameter	Units	50403169002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	562	1000	1000	1560	1570	100	101	75-125	1	20	
Boron	ug/L	179	1000	1000	1190	1190	101	101	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3879276 3879277

Parameter	Units	50403169002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	975	982	97	98	75-125	1	20	
Calcium	ug/L	273000	10000	10000	285000	285000	117	115	75-125	0	20	E
Chromium	ug/L	38.3	1000	1000	1010	1010	97	97	75-125	0	20	
Iron	ug/L	44800	10000	10000	55700	55700	109	109	75-125	0	20	
Lead	ug/L	20.3	1000	1000	906	912	89	89	75-125	1	20	
Lithium	ug/L	38.9	1000	1000	1030	1020	99	98	75-125	1	20	
Magnesium	ug/L	68200	10000	10000	79200	78700	109	105	75-125	1	20	
Manganese	ug/L	1250	1000	1000	2190	2190	94	94	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	992	1000	99	99	75-125	1	20	
Potassium	ug/L	20000	10000	10000	33200	32900	132	129	75-125	1	20	M3
Sodium	ug/L	56200	10000	10000	66800	66600	106	104	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 847313
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3880229 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/05/25 00:46	

LABORATORY CONTROL SAMPLE: 3880230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	982	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880231 3880232

Parameter	Units	50402870001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	964	992	96	99	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880233 3880234

Parameter	Units	50402872001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	967	985	96	98	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 847363
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3880476 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/06/25 05:04	
Arsenic	ug/L	ND	1.0	0.080	06/06/25 05:04	
Beryllium	ug/L	ND	0.20	0.026	06/06/25 05:04	
Cobalt	ug/L	ND	1.0	0.045	06/06/25 05:04	
Selenium	ug/L	ND	1.0	0.26	06/06/25 05:04	
Thallium	ug/L	ND	1.0	0.052	06/06/25 05:04	

LABORATORY CONTROL SAMPLE: 3880477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.6	104	80-120	
Arsenic	ug/L	40	40.0	100	80-120	
Beryllium	ug/L	40	39.1	98	80-120	
Cobalt	ug/L	40	41.8	105	80-120	
Selenium	ug/L	40	40.5	101	80-120	
Thallium	ug/L	40	40.7	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880478 3880479

Parameter	Units	50403154003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	40.7	41.1	101	102	75-125	1	20	
Arsenic	ug/L	16.8	40	40	57.2	57.7	101	102	75-125	1	20	
Beryllium	ug/L	ND	40	40	41.3	41.2	103	103	75-125	0	20	
Cobalt	ug/L	ND	40	40	42.0	43.0	99	102	75-125	2	20	
Selenium	ug/L	ND	40	40	44.8	45.3	111	112	75-125	1	20	
Thallium	ug/L	ND	40	40	39.9	40.3	100	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 848514
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3886482 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/11/25 11:08	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/11/25 11:08	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/11/25 11:08	

LABORATORY CONTROL SAMPLE: 3886483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.2	102	90-110	

SAMPLE DUPLICATE: 3886484

Parameter	Units	50403152001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	313	305	3	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	313	305	3	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3886485

Parameter	Units	50403366009 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	345	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	349	345	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	<20.0	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 847583
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3881333 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/05/25 08:24	

LABORATORY CONTROL SAMPLE: 3881334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	279	93	80-120	

SAMPLE DUPLICATE: 3881335

Parameter	Units	50403216001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	549	562	2	10	

SAMPLE DUPLICATE: 3881336

Parameter	Units	50403326004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	499	505	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 848785
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

SAMPLE DUPLICATE: 3887517

Parameter	Units	20356260001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3887518

Parameter	Units	50403326004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.7	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 847283
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3880104 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	06/03/25 16:35	

LABORATORY CONTROL SAMPLE: 3880105

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.93	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880106 3880107

Parameter	Units	50403216001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.93	0.92	91	90	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 846475
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3876345 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/04/25 19:23	

LABORATORY CONTROL SAMPLE: 3876346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.6	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3876347 3876348

Parameter	Units	50402195001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	ND	10	10	10.6	10.6	99	99	80-120	0	15	

MATRIX SPIKE SAMPLE: 3876349

Parameter	Units	50402195002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	ND	10	10.1	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Sample: MW-18S **Lab ID: 50403216001** Collected: 06/02/25 11:12 Received: 06/02/25 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.04 ± 0.813 (1.24) C:NA T:93%**	pCi/L	06/26/25 14:59	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.00719 ± 0.423 (0.977) C:79% T:89%**	pCi/L	06/24/25 14:38	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.05 ± 1.24 (2.22)**	pCi/L	06/27/25 15:32	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Sample: MW-18I **Lab ID: 50403216002** Collected: 06/02/25 14:44 Received: 06/02/25 16:10 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**1.54 ± 0.688 (0.746) C:NA T:96%**	pCi/L	06/26/25 15:12	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.933 ± 0.449 (0.758) C:76% T:90%**	pCi/L	06/24/25 14:38	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.47 ± 1.14 (1.50)**	pCi/L	06/27/25 15:32	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 751382
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3660860 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.311 (0.637) C:NA T:98%	pCi/L	06/26/25 14:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

QC Batch: 751383
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403216001, 50403216002

METHOD BLANK: 3660861 Matrix: Water
Associated Lab Samples: 50403216001, 50403216002

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.614 ± 0.383 (0.717) C:82% T:92%	pCi/L	06/24/25 14:36	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403216

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403216001	**MW-18S**	EPA 9056	848619		
50403216002	**MW-18I**	EPA 9056	848619		
50403216001	**MW-18S**	EPA 3010	847096	EPA 6010	848715
50403216002	**MW-18I**	EPA 3010	847096	EPA 6010	848715
50403216001	**MW-18S**	EPA 3010	847313	EPA 6010	847558
50403216002	**MW-18I**	EPA 3010	847313	EPA 6010	847558
50403216001	**MW-18S**	EPA 200.2	847363	EPA 6020	847556
50403216002	**MW-18I**	EPA 200.2	847363	EPA 6020	847556
50403216001	**MW-18S**	EPA 7470	848503	EPA 7470	848695
50403216002	**MW-18I**	EPA 7470	848503	EPA 7470	848695
50403216001	**MW-18S**	EPA 903.1	751382		
50403216002	**MW-18I**	EPA 903.1	751382		
50403216001	**MW-18S**	EPA 904.0	751383		
50403216002	**MW-18I**	EPA 904.0	751383		
50403216001	**MW-18S**	Total Radium Calculation	754941		
50403216002	**MW-18I**	Total Radium Calculation	754941		
50403216001	**MW-18S**	SM 2320B	848514		
50403216002	**MW-18I**	SM 2320B	848514		
50403216001	**MW-18S**	SM 2540C	847583		
50403216002	**MW-18I**	SM 2540C	847583		
50403216001	**MW-18S**	SM 4500-H+B	848785		
50403216002	**MW-18I**	SM 4500-H+B	848785		
50403216001	**MW-18S**	EPA 353.2	847283		
50403216002	**MW-18I**	EPA 353.2	847283		
50403216001	**MW-18S**	SM 5310C	846475		
50403216002	**MW-18I**	SM 5310C	846475		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50403216

50403216

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No **Rush (Pre-approval required):** [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____ **Date Results Requested:**	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA				Sample Comment
MW-18S	GW	G			6-2-25	1112	8			1	1	1	1	1	1	2				001
MW-18I	↓	↓			↓	1444	↓			1	1	1	1	1	1	2				002

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mykah Bertram
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	G	-.2	1.3	1.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATCAS	6-2-25 1610	Pace	6/2/25 16:10	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/2/25 16:35 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F (G) H I

2. Cooler Temperature(s): (Initial/Corrected) 1.3/1.1 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		—
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2 Nitrate	—	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		—
Custody Signatures Present?	—	
Containers Intact?:	—	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	—	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	—		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)		—	—
Residual Chlorine Check (Total/Amenable/Free Cyanide)			—
	Present	Absent	No VOA Vials Sent
Headspace in VOA Vials (>6mm): See Containter Count form for details		—	—
Trip Blank Present?		—	
Trip Blank Custody Seals?:			—
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH (only)																																
			SBS						AMBER GLASS							PLASTIC								OTHER												
			DI																																
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1													1			2	1	2	1	1									WT	✓	✓		
2													↓			↓	↓	↓	↓	↓									↓	↓	↓		
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Dear Mr. Breting:

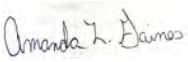
Enclosed are the analytical results for sample(s) received by the laboratory on June 03, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403326001	**M-4**	Water	06/03/25 11:37	06/03/25 14:05
50403326002	**MW-15S**	Water	06/03/25 12:40	06/03/25 14:05
50403326003	**MW-15I**	Water	06/03/25 11:43	06/03/25 14:05
50403326004	**MW-15D**	Water	06/03/25 10:10	06/03/25 14:05
50403326005	**MW-15D MS**	Water	06/03/25 10:10	06/03/25 14:05
50403326006	**MW-15D MSD**	Water	06/03/25 10:10	06/03/25 14:05

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403326001	**M-4**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50403326002	**MW-15S**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50403326003	**MW-15I**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50403326004	**MW-15D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	ELK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	SMS2	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50403326005	**MW-15D MS**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
50403326006	**MW-15D MSD**	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403326001	**M-4**					
EPA 9056	Chloride	143	mg/L	2.5	06/13/25 14:45	
EPA 9056	Fluoride	0.38	mg/L	0.10	06/13/25 14:28	
EPA 9056	Sulfate	996	mg/L	25.0	06/13/25 15:02	
EPA 6010	Barium	158	ug/L	10.0	06/18/25 13:42	
EPA 6010	Boron	23500	ug/L	100	06/18/25 13:42	
EPA 6010	Calcium	351000	ug/L	2000	06/18/25 13:44	
EPA 6010	Iron	4700	ug/L	100	06/18/25 13:42	
EPA 6010	Lithium	267	ug/L	20.0	06/18/25 13:42	
EPA 6010	Magnesium	54300	ug/L	1000	06/18/25 13:42	
EPA 6010	Manganese	646	ug/L	10.0	06/18/25 13:42	
EPA 6010	Molybdenum	172	ug/L	10.0	06/18/25 13:42	
EPA 6010	Potassium	30800	ug/L	1000	06/18/25 13:42	
EPA 6010	Sodium	136000	ug/L	1000	06/18/25 13:42	
EPA 6010	Molybdenum, Dissolved	151	ug/L	10.0	06/12/25 22:00	
EPA 6020	Arsenic	842	ug/L	10.0	06/07/25 00:49	
EPA 903.1	Radium-226	0.846 ± 0.839 (1.36) C:NA T:98%	pCi/L		06/26/25 15:24	
EPA 904.0	Radium-228	1.19 ± 0.490 (0.782) C:84% T:85%	pCi/L		06/26/25 14:39	
Total Radium Calculation	Total Radium	2.04 ± 1.33 (2.14)	pCi/L		06/27/25 15:52	
SM 2320B	Alkalinity, Total as CaCO3	268	mg/L	10.0	06/12/25 15:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	268	mg/L	10.0	06/12/25 15:20	
SM 2540C	Total Dissolved Solids	1980	mg/L	20.0	06/05/25 08:27	
SM 4500-H+B	pH at 25 Degrees C	7.7	Std. Units	0.10	06/12/25 10:57	H3
SM 5310C	Dissolved Organic Carbon	4.1	mg/L	1.0	06/17/25 15:18	
50403326002	**MW-15S**					
EPA 9056	Chloride	10.7	mg/L	0.25	06/13/25 10:28	
EPA 9056	Fluoride	0.10	mg/L	0.10	06/13/25 10:28	
EPA 9056	Sulfate	20.2	mg/L	0.25	06/13/25 10:28	
EPA 6010	Barium	30.8	ug/L	10.0	06/18/25 13:51	
EPA 6010	Calcium	73800	ug/L	1000	06/18/25 13:51	
EPA 6010	Magnesium	19600	ug/L	1000	06/18/25 13:51	
EPA 6010	Potassium	1180	ug/L	1000	06/18/25 13:51	
EPA 6010	Sodium	13200	ug/L	1000	06/18/25 13:51	
EPA 903.1	Radium-226	0.956 ± 0.643 (0.892) C:NA T:98%	pCi/L		06/26/25 15:24	
EPA 904.0	Radium-228	0.847 ± 0.431 (0.746) C:79% T:87%	pCi/L		06/26/25 14:39	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403326002	**MW-15S**					
Total Radium Calculation	Total Radium	1.80 ± 1.07 (1.64)	pCi/L		06/27/25 15:52	
SM 2320B	Alkalinity, Total as CaCO3	241	mg/L	10.0	06/12/25 15:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	241	mg/L	10.0	06/12/25 15:20	
SM 2540C	Total Dissolved Solids	298	mg/L	10.0	06/05/25 08:27	
SM 4500-H+B	pH at 25 Degrees C	7.9	Std. Units	0.10	06/12/25 10:58	H3
EPA 353.2	Nitrogen, Nitrate	5.6	mg/L	0.20	06/05/25 08:58	
SM 5310C	Dissolved Organic Carbon	2.0	mg/L	1.0	06/17/25 15:29	
50403326003	**MW-15I**					
EPA 9056	Chloride	43.7	mg/L	2.5	06/13/25 16:11	
EPA 9056	Sulfate	46.2	mg/L	0.25	06/13/25 15:54	
EPA 6010	Barium	83.8	ug/L	10.0	06/18/25 13:53	
EPA 6010	Boron	113	ug/L	100	06/18/25 13:53	
EPA 6010	Calcium	121000	ug/L	1000	06/18/25 13:53	
EPA 6010	Magnesium	34200	ug/L	1000	06/18/25 13:53	
EPA 6010	Manganese	11.9	ug/L	10.0	06/18/25 13:53	
EPA 6010	Potassium	1770	ug/L	1000	06/18/25 13:53	
EPA 6010	Sodium	20600	ug/L	1000	06/18/25 13:53	
EPA 6020	Selenium	1.7	ug/L	1.0	06/07/25 01:01	
EPA 903.1	Radium-226	0.787 ± 0.784 (1.25) C:NA T:95%	pCi/L		06/26/25 15:24	
EPA 904.0	Radium-228	0.473 ± 0.375 (0.742) C:83% T:89%	pCi/L		06/26/25 14:39	
Total Radium Calculation	Total Radium	1.26 ± 1.16 (1.99)	pCi/L		06/27/25 15:52	
SM 2320B	Alkalinity, Total as CaCO3	388	mg/L	10.0	06/12/25 15:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	388	mg/L	10.0	06/12/25 15:20	
SM 2540C	Total Dissolved Solids	514	mg/L	10.0	06/05/25 08:28	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	06/12/25 11:03	H3
EPA 353.2	Nitrogen, Nitrate	3.4	mg/L	0.10	06/05/25 08:47	
SM 5310C	Dissolved Organic Carbon	2.5	mg/L	1.0	06/17/25 15:39	
50403326004	**MW-15D**					
EPA 9056	Chloride	34.6	mg/L	2.5	06/13/25 17:37	
EPA 9056	Sulfate	57.4	mg/L	2.5	06/13/25 17:37	
EPA 6010	Barium	77.6	ug/L	10.0	06/18/25 13:55	
EPA 6010	Boron	139	ug/L	100	06/18/25 13:55	
EPA 6010	Calcium	115000	ug/L	1000	06/18/25 13:55	
EPA 6010	Iron	1350	ug/L	100	06/18/25 13:55	
EPA 6010	Magnesium	35500	ug/L	1000	06/18/25 13:55	
EPA 6010	Manganese	120	ug/L	10.0	06/18/25 13:55	
EPA 6010	Potassium	2020	ug/L	1000	06/18/25 13:55	
EPA 6010	Sodium	16600	ug/L	1000	06/18/25 13:55	
EPA 6020	Arsenic	1.2	ug/L	1.0	06/07/25 01:13	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403326004	**MW-15D**					
EPA 903.1	Radium-226	0.404 ± 0.407 (0.641) C:NA T:95%	pCi/L		06/26/25 15:36	
EPA 904.0	Radium-228	0.430 ± 0.396 (0.810) C:84% T:89%	pCi/L		06/26/25 14:39	
Total Radium Calculation	Total Radium	0.834 ± 0.803 (1.45)	pCi/L		06/27/25 15:52	
SM 2320B	Alkalinity, Total as CaCO3	361	mg/L	10.0	06/12/25 15:20	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	361	mg/L	10.0	06/12/25 15:20	
SM 2540C	Total Dissolved Solids	499	mg/L	10.0	06/05/25 08:17	
SM 4500-H+B	pH at 25 Degrees C	7.6	Std. Units	0.10	06/12/25 11:04	H3
SM 5310C	Dissolved Organic Carbon	2.5	mg/L	1.0	06/17/25 15:50	
50403326005	**MW-15D MS**					
EPA 903.1	Radium-226	107.78 %REC ± NA (NA) C:NA T:NA	pCi/L		06/26/25 15:36	
EPA 904.0	Radium-228	81.71 %REC ± NA (NA) C:NA T:NA	pCi/L		06/26/25 14:40	
50403326006	**MW-15D MSD**					
EPA 903.1	Radium-226	96.10 %REC 11.46RPD ± NA (NA) C:NA T:NA	pCi/L		06/26/25 15:36	
EPA 904.0	Radium-228	84.76 %REC 3.66RPD ± NA (NA) C:NA T:NA	pCi/L		06/26/25 14:40	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: M-4 **Lab ID: 50403326001** Collected: 06/03/25 11:37 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**143**	mg/L	2.5	1.3	10		06/13/25 14:45	16887-00-6	
Fluoride	**0.38**	mg/L	0.10	0.016	1		06/13/25 14:28	16984-48-8	
Sulfate	**996**	mg/L	25.0	19.0	100		06/13/25 15:02	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**158**	ug/L	10.0	0.68	1	06/05/25 08:08	06/18/25 13:42	7440-39-3	
Boron	**23500**	ug/L	100	5.6	1	06/05/25 08:08	06/18/25 13:42	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/05/25 08:08	06/18/25 13:42	7440-43-9	
Calcium	**351000**	ug/L	2000	168	2	06/05/25 08:08	06/18/25 13:44	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/05/25 08:08	06/18/25 13:42	7440-47-3	
Iron	**4700**	ug/L	100	41.0	1	06/05/25 08:08	06/18/25 13:42	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/05/25 08:08	06/18/25 13:42	7439-92-1	
Lithium	**267**	ug/L	20.0	3.8	1	06/05/25 08:08	06/18/25 13:42	7439-93-2	
Magnesium	**54300**	ug/L	1000	53.7	1	06/05/25 08:08	06/18/25 13:42	7439-95-4	
Manganese	**646**	ug/L	10.0	0.77	1	06/05/25 08:08	06/18/25 13:42	7439-96-5	
Molybdenum	**172**	ug/L	10.0	1.4	1	06/05/25 08:08	06/18/25 13:42	7439-98-7	
Potassium	**30800**	ug/L	1000	113	1	06/05/25 08:08	06/18/25 13:42	7440-09-7	
Sodium	**136000**	ug/L	1000	95.0	1	06/05/25 08:08	06/18/25 13:42	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**151**	ug/L	10.0	1.4	1	06/09/25 21:15	06/12/25 22:00	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/05/25 07:43	06/07/25 00:53	7440-36-0	
Arsenic	**842**	ug/L	10.0	0.80	10	06/05/25 07:43	06/07/25 00:49	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/05/25 07:43	06/07/25 00:53	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/05/25 07:43	06/07/25 00:53	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/05/25 07:43	06/07/25 00:53	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/05/25 07:43	06/07/25 00:53	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 22:44	06/12/25 10:09	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**268**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Bicarbonate (CaCO3)	**268**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/12/25 15:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: M-4 **Lab ID: 50403326001** Collected: 06/03/25 11:37 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1980**	mg/L	20.0	20.0	1		06/05/25 08:27		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.7**	Std. Units	0.10	0.10	1		06/12/25 10:57		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/05/25 08:46	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**4.1**	mg/L	1.0	0.30	1		06/17/25 15:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15S **Lab ID: 50403326002** Collected: 06/03/25 12:40 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**10.7**	mg/L	0.25	0.13	1		06/13/25 10:28	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.016	1		06/13/25 10:28	16984-48-8	
Sulfate	**20.2**	mg/L	0.25	0.19	1		06/13/25 10:28	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.8**	ug/L	10.0	0.68	1	06/05/25 08:08	06/18/25 13:51	7440-39-3	
Boron	ND	ug/L	100	5.6	1	06/05/25 08:08	06/18/25 13:51	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/05/25 08:08	06/18/25 13:51	7440-43-9	
Calcium	**73800**	ug/L	1000	83.9	1	06/05/25 08:08	06/18/25 13:51	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/05/25 08:08	06/18/25 13:51	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/05/25 08:08	06/18/25 13:51	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/05/25 08:08	06/18/25 13:51	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/05/25 08:08	06/18/25 13:51	7439-93-2	
Magnesium	**19600**	ug/L	1000	53.7	1	06/05/25 08:08	06/18/25 13:51	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	06/05/25 08:08	06/18/25 13:51	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/05/25 08:08	06/18/25 13:51	7439-98-7	
Potassium	**1180**	ug/L	1000	113	1	06/05/25 08:08	06/18/25 13:51	7440-09-7	
Sodium	**13200**	ug/L	1000	95.0	1	06/05/25 08:08	06/18/25 13:51	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/09/25 21:15	06/12/25 22:03	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/05/25 07:43	06/07/25 21:54	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	06/05/25 07:43	06/07/25 21:54	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/05/25 07:43	06/07/25 21:54	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/05/25 07:43	06/07/25 21:54	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/05/25 07:43	06/07/25 21:54	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/05/25 07:43	06/07/25 21:54	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 22:44	06/12/25 10:11	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**241**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Bicarbonate (CaCO3)	**241**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/12/25 15:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15S **Lab ID: 50403326002** Collected: 06/03/25 12:40 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**298**	mg/L	10.0	10.0	1		06/05/25 08:27		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.9**	Std. Units	0.10	0.10	1		06/12/25 10:58		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**5.6**	mg/L	0.20	0.026	2		06/05/25 08:58	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.0**	mg/L	1.0	0.30	1		06/17/25 15:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15I **Lab ID: 50403326003** Collected: 06/03/25 11:43 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**43.7**	mg/L	2.5	1.3	10		06/13/25 16:11	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		06/13/25 15:54	16984-48-8	
Sulfate	**46.2**	mg/L	0.25	0.19	1		06/13/25 15:54	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**83.8**	ug/L	10.0	0.68	1	06/05/25 08:08	06/18/25 13:53	7440-39-3	
Boron	**113**	ug/L	100	5.6	1	06/05/25 08:08	06/18/25 13:53	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/05/25 08:08	06/18/25 13:53	7440-43-9	
Calcium	**121000**	ug/L	1000	83.9	1	06/05/25 08:08	06/18/25 13:53	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/05/25 08:08	06/18/25 13:53	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/05/25 08:08	06/18/25 13:53	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/05/25 08:08	06/18/25 13:53	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/05/25 08:08	06/18/25 13:53	7439-93-2	
Magnesium	**34200**	ug/L	1000	53.7	1	06/05/25 08:08	06/18/25 13:53	7439-95-4	
Manganese	**11.9**	ug/L	10.0	0.77	1	06/05/25 08:08	06/18/25 13:53	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/05/25 08:08	06/18/25 13:53	7439-98-7	
Potassium	**1770**	ug/L	1000	113	1	06/05/25 08:08	06/18/25 13:53	7440-09-7	
Sodium	**20600**	ug/L	1000	95.0	1	06/05/25 08:08	06/18/25 13:53	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/09/25 21:15	06/12/25 22:05	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/05/25 07:43	06/07/25 01:01	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	06/05/25 07:43	06/07/25 01:01	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/05/25 07:43	06/07/25 01:01	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/05/25 07:43	06/07/25 01:01	7440-48-4	
Selenium	**1.7**	ug/L	1.0	0.26	1	06/05/25 07:43	06/07/25 01:01	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/05/25 07:43	06/07/25 01:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 22:44	06/12/25 10:21	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**388**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Bicarbonate (CaCO3)	**388**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/12/25 15:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15I **Lab ID: 50403326003** Collected: 06/03/25 11:43 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**514**	mg/L	10.0	10.0	1		06/05/25 08:28		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		06/12/25 11:03		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**3.4**	mg/L	0.10	0.013	1		06/05/25 08:47	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.5**	mg/L	1.0	0.30	1		06/17/25 15:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15D **Lab ID: 50403326004** Collected: 06/03/25 10:10 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**34.6**	mg/L	2.5	1.3	10		06/13/25 17:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.016	1		06/13/25 17:20	16984-48-8	
Sulfate	**57.4**	mg/L	2.5	1.9	10		06/13/25 17:37	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**77.6**	ug/L	10.0	0.68	1	06/05/25 08:08	06/18/25 13:55	7440-39-3	
Boron	**139**	ug/L	100	5.6	1	06/05/25 08:08	06/18/25 13:55	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/05/25 08:08	06/18/25 13:55	7440-43-9	
Calcium	**115000**	ug/L	1000	83.9	1	06/05/25 08:08	06/18/25 13:55	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/05/25 08:08	06/18/25 13:55	7440-47-3	
Iron	**1350**	ug/L	100	41.0	1	06/05/25 08:08	06/18/25 13:55	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/05/25 08:08	06/18/25 13:55	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/05/25 08:08	06/18/25 13:55	7439-93-2	
Magnesium	**35500**	ug/L	1000	53.7	1	06/05/25 08:08	06/18/25 13:55	7439-95-4	
Manganese	**120**	ug/L	10.0	0.77	1	06/05/25 08:08	06/18/25 13:55	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/05/25 08:08	06/18/25 13:55	7439-98-7	
Potassium	**2020**	ug/L	1000	113	1	06/05/25 08:08	06/18/25 13:55	7440-09-7	
Sodium	**16600**	ug/L	1000	95.0	1	06/05/25 08:08	06/18/25 13:55	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/09/25 21:15	06/12/25 22:11	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/05/25 07:43	06/07/25 01:13	7440-36-0	
Arsenic	**1.2**	ug/L	1.0	0.080	1	06/05/25 07:43	06/07/25 01:13	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/05/25 07:43	06/07/25 01:13	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/05/25 07:43	06/07/25 01:13	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/05/25 07:43	06/07/25 01:13	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/05/25 07:43	06/07/25 01:13	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/11/25 22:44	06/12/25 10:23	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**361**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Bicarbonate (CaCO3)	**361**	mg/L	10.0	10.0	1		06/12/25 15:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/12/25 15:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15D **Lab ID: 50403326004** Collected: 06/03/25 10:10 Received: 06/03/25 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**499**	mg/L	10.0	10.0	1		06/05/25 08:17		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.6**	Std. Units	0.10	0.10	1		06/12/25 11:04		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/05/25 08:38	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.5**	mg/L	1.0	0.30	1		06/17/25 15:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 848782
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3887505 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/13/25 08:02	
Fluoride	mg/L	ND	0.10	0.016	06/13/25 08:02	
Sulfate	mg/L	ND	0.25	0.19	06/13/25 08:02	

LABORATORY CONTROL SAMPLE: 3887506

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	99	80-120	
Fluoride	mg/L	1	1.0	103	80-120	
Sulfate	mg/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3887507 3887508

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	34.6	25	25	59.9	59.8	101	101	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.2	1.1	108	107	80-120	2	15	
Sulfate	mg/L	57.4	50	50	108	108	101	100	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 848700 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3887151 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/12/25 10:04	

LABORATORY CONTROL SAMPLE: 3887152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3887153 3887154

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.0	4.9	101	98	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 847534
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3881064 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/18/25 13:26	
Boron	ug/L	ND	100	5.6	06/18/25 13:26	
Cadmium	ug/L	ND	2.0	0.46	06/18/25 13:26	
Calcium	ug/L	ND	1000	83.9	06/18/25 13:26	
Chromium	ug/L	ND	10.0	0.96	06/18/25 13:26	
Iron	ug/L	ND	100	41.0	06/18/25 13:26	
Lead	ug/L	ND	10.0	2.0	06/18/25 13:26	
Lithium	ug/L	ND	20.0	3.8	06/18/25 13:26	
Magnesium	ug/L	ND	1000	53.7	06/18/25 13:26	
Manganese	ug/L	ND	10.0	0.77	06/18/25 13:26	
Molybdenum	ug/L	ND	10.0	1.4	06/18/25 13:26	
Potassium	ug/L	ND	1000	113	06/18/25 13:26	
Sodium	ug/L	ND	1000	95.0	06/18/25 13:26	

LABORATORY CONTROL SAMPLE: 3881065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1030	103	80-120	
Boron	ug/L	1000	1000	100	80-120	
Cadmium	ug/L	1000	994	99	80-120	
Calcium	ug/L	10000	10300	103	80-120	
Chromium	ug/L	1000	1010	101	80-120	
Iron	ug/L	10000	10200	102	80-120	
Lead	ug/L	1000	966	97	80-120	
Lithium	ug/L	1000	1030	103	80-120	
Magnesium	ug/L	10000	10100	101	80-120	
Manganese	ug/L	1000	1000	100	80-120	
Molybdenum	ug/L	1000	1040	104	80-120	
Potassium	ug/L	10000	9970	100	80-120	
Sodium	ug/L	10000	10100	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881066 3881067

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	77.6	1000	1000	1080	1070	101	100	75-125	1	20	
Boron	ug/L	139	1000	1000	1140	1150	100	101	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881066 3881067

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	988	977	99	98	75-125	1	20	
Calcium	ug/L	115000	10000	10000	121000	122000	68	78	75-125	1	20	P6
Chromium	ug/L	ND	1000	1000	980	982	98	98	75-125	0	20	
Iron	ug/L	1350	10000	10000	11200	11200	98	99	75-125	0	20	
Lead	ug/L	ND	1000	1000	930	919	93	92	75-125	1	20	
Lithium	ug/L	ND	1000	1000	1010	1000	100	100	75-125	1	20	
Magnesium	ug/L	35500	10000	10000	44400	44800	89	93	75-125	1	20	
Manganese	ug/L	120	1000	1000	1090	1090	97	97	75-125	0	20	
Molybdenum	ug/L	ND	1000	1000	1030	1020	103	102	75-125	1	20	
Potassium	ug/L	2020	10000	10000	11700	11600	97	96	75-125	1	20	
Sodium	ug/L	16600	10000	10000	26300	26200	97	96	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 848076 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3884627 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/12/25 21:23	

LABORATORY CONTROL SAMPLE: 3884628

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1050	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884629 3884630

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1020	1030	102	103	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 847496
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3880973 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/06/25 23:07	
Arsenic	ug/L	ND	1.0	0.080	06/06/25 23:07	
Beryllium	ug/L	ND	0.20	0.026	06/06/25 23:07	
Cobalt	ug/L	ND	1.0	0.045	06/06/25 23:07	
Selenium	ug/L	ND	1.0	0.26	06/06/25 23:07	
Thallium	ug/L	ND	1.0	0.052	06/06/25 23:07	

LABORATORY CONTROL SAMPLE: 3880974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	42.0	105	80-120	
Arsenic	ug/L	40	40.1	100	80-120	
Beryllium	ug/L	40	37.2	93	80-120	
Cobalt	ug/L	40	40.2	100	80-120	
Selenium	ug/L	40	38.2	95	80-120	
Thallium	ug/L	40	40.6	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3880975 3880976

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.3	41.4	103	104	75-125	0	20	
Arsenic	ug/L	1.2	40	40	39.3	39.5	95	96	75-125	1	20	
Beryllium	ug/L	ND	40	40	35.6	36.2	89	90	75-125	2	20	
Cobalt	ug/L	ND	40	40	36.9	37.1	92	92	75-125	0	20	
Selenium	ug/L	ND	40	40	36.3	37.1	91	92	75-125	2	20	
Thallium	ug/L	ND	40	40	39.8	40.2	99	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 848738 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3887397 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/12/25 15:20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/12/25 15:20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/12/25 15:20	

LABORATORY CONTROL SAMPLE: 3887398

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.6	103	90-110	

SAMPLE DUPLICATE: 3887399

Parameter	Units	50403662004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	254	221	14	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	239	207	14	20	
Alkalinity,Carbonate (CaCO3)	mg/L	15.2	14.0	8	20	

SAMPLE DUPLICATE: 3887400

Parameter	Units	50403326004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	361	354	2	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	361	354	2	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 847583 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3881333 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/05/25 08:24	

LABORATORY CONTROL SAMPLE: 3881334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	279	93	80-120	

SAMPLE DUPLICATE: 3881335

Parameter	Units	50403216001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	549	562	2	10	

SAMPLE DUPLICATE: 3881336

Parameter	Units	50403326004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	499	505	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 848785
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

SAMPLE DUPLICATE: 3887517

Parameter	Units	20356260001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	2	H3

SAMPLE DUPLICATE: 3887518

Parameter	Units	50403326004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.7	0	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 847576 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3881311 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	06/05/25 08:32	

LABORATORY CONTROL SAMPLE: 3881312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3881313 3881314

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	102	101	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 849541 | Analysis Method: SM 5310C
QC Batch Method: SM 5310C | Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

METHOD BLANK: 3891313 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/17/25 14:56	

LABORATORY CONTROL SAMPLE: 3891314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3891315 3891316

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.5	20	20	21.5	21.4	95	95	80-120	0	15	

MATRIX SPIKE SAMPLE: 3891317

Parameter	Units	50403396001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.6	20	21.4	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: M-4 **Lab ID: 50403326001** Collected: 06/03/25 11:37 Received: 06/03/25 14:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.846 ± 0.839 (1.36) C:NA T:98%**	pCi/L	06/26/25 15:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.19 ± 0.490 (0.782) C:84% T:85%**	pCi/L	06/26/25 14:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.04 ± 1.33 (2.14)**	pCi/L	06/27/25 15:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15S **Lab ID: 50403326002** Collected: 06/03/25 12:40 Received: 06/03/25 14:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.956 ± 0.643 (0.892) C:NA T:98%**	pCi/L	06/26/25 15:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.847 ± 0.431 (0.746) C:79% T:87%**	pCi/L	06/26/25 14:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.80 ± 1.07 (1.64)**	pCi/L	06/27/25 15:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15I **Lab ID: 50403326003** Collected: 06/03/25 11:43 Received: 06/03/25 14:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.787 ± 0.784 (1.25) C:NA T:95%**	pCi/L	06/26/25 15:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.473 ± 0.375 (0.742) C:83% T:89%**	pCi/L	06/26/25 14:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.26 ± 1.16 (1.99)**	pCi/L	06/27/25 15:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15D **Lab ID: 50403326004** Collected: 06/03/25 10:10 Received: 06/03/25 14:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.404 ± 0.407 (0.641) C:NA T:95%**	pCi/L	06/26/25 15:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.430 ± 0.396 (0.810) C:84% T:89%**	pCi/L	06/26/25 14:39	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.834 ± 0.803 (1.45)**	pCi/L	06/27/25 15:52	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15D MS **Lab ID: 50403326005** Collected: 06/03/25 10:10 Received: 06/03/25 14:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**107.78 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/26/25 15:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**81.71 %REC ± NA (NA) C:NA T:NA**	pCi/L	06/26/25 14:40	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Sample: MW-15D MSD **Lab ID: 50403326006** Collected: 06/03/25 10:10 Received: 06/03/25 14:05 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**96.10 %REC 11.46RPD ± NA (NA) C:NA T:NA**	pCi/L	06/26/25 15:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**84.76 %REC 3.66RPD ± NA (NA) C:NA T:NA**	pCi/L	06/26/25 14:40	15262-20-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 751385 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004, 50403326005, 50403326006

METHOD BLANK: 3660866 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004, 50403326005, 50403326006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.126 ± 0.219 (0.390) C:NA T:96%	pCi/L	06/26/25 15:24	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

QC Batch: 751386 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004, 50403326005, 50403326006

METHOD BLANK: 3660874 Matrix: Water
Associated Lab Samples: 50403326001, 50403326002, 50403326003, 50403326004, 50403326005, 50403326006

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.0789 ± 0.324 (0.741) C:79% T:85%	pCi/L	06/26/25 14:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403326001	**M-4**	EPA 9056	848782		
50403326002	**MW-15S**	EPA 9056	848782		
50403326003	**MW-15I**	EPA 9056	848782		
50403326004	**MW-15D**	EPA 9056	848782		
50403326001	**M-4**	EPA 3010	847534	EPA 6010	847692
50403326002	**MW-15S**	EPA 3010	847534	EPA 6010	847692
50403326003	**MW-15I**	EPA 3010	847534	EPA 6010	847692
50403326004	**MW-15D**	EPA 3010	847534	EPA 6010	847692
50403326001	**M-4**	EPA 3010	848076	EPA 6010	848961
50403326002	**MW-15S**	EPA 3010	848076	EPA 6010	848961
50403326003	**MW-15I**	EPA 3010	848076	EPA 6010	848961
50403326004	**MW-15D**	EPA 3010	848076	EPA 6010	848961
50403326001	**M-4**	EPA 200.2	847496	EPA 6020	847780
50403326002	**MW-15S**	EPA 200.2	847496	EPA 6020	847780
50403326003	**MW-15I**	EPA 200.2	847496	EPA 6020	847780
50403326004	**MW-15D**	EPA 200.2	847496	EPA 6020	847780
50403326001	**M-4**	EPA 7470	848700	EPA 7470	848747
50403326002	**MW-15S**	EPA 7470	848700	EPA 7470	848747
50403326003	**MW-15I**	EPA 7470	848700	EPA 7470	848747
50403326004	**MW-15D**	EPA 7470	848700	EPA 7470	848747
50403326001	**M-4**	EPA 903.1	751385		
50403326002	**MW-15S**	EPA 903.1	751385		
50403326003	**MW-15I**	EPA 903.1	751385		
50403326004	**MW-15D**	EPA 903.1	751385		
50403326005	**MW-15D MS**	EPA 903.1	751385		
50403326006	**MW-15D MSD**	EPA 903.1	751385		
50403326001	**M-4**	EPA 904.0	751386		
50403326002	**MW-15S**	EPA 904.0	751386		
50403326003	**MW-15I**	EPA 904.0	751386		
50403326004	**MW-15D**	EPA 904.0	751386		
50403326005	**MW-15D MS**	EPA 904.0	751386		
50403326006	**MW-15D MSD**	EPA 904.0	751386		
50403326001	**M-4**	Total Radium Calculation	754953		
50403326002	**MW-15S**	Total Radium Calculation	754953		
50403326003	**MW-15I**	Total Radium Calculation	754953		
50403326004	**MW-15D**	Total Radium Calculation	754953		
50403326001	**M-4**	SM 2320B	848738		
50403326002	**MW-15S**	SM 2320B	848738		
50403326003	**MW-15I**	SM 2320B	848738		
50403326004	**MW-15D**	SM 2320B	848738		
50403326001	**M-4**	SM 2540C	847583		
50403326002	**MW-15S**	SM 2540C	847583		
50403326003	**MW-15I**	SM 2540C	847583		
50403326004	**MW-15D**	SM 2540C	847583		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R1
Pace Project No.: 50403326

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403326001	**M-4**	SM 4500-H+B	848785		
50403326002	**MW-15S**	SM 4500-H+B	848785		
50403326003	**MW-15I**	SM 4500-H+B	848785		
50403326004	**MW-15D**	SM 4500-H+B	848785		
50403326001	**M-4**	EPA 353.2	847576		
50403326002	**MW-15S**	EPA 353.2	847576		
50403326003	**MW-15I**	EPA 353.2	847576		
50403326004	**MW-15D**	EPA 353.2	847576		
50403326001	**M-4**	SM 5310C	849541		
50403326002	**MW-15S**	SM 5310C	849541		
50403326003	**MW-15I**	SM 5310C	849541		
50403326004	**MW-15D**	SM 5310C	849541		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50403326

50403326

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R1	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested: Standard

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-4I	GW	G			6/3/25	1137	8			X	X	X	X	X	X	X (2)	
MW-15S	↓	↓			↓	1240	↓			↓	↓	↓	↓	↓	↓	↓	
MW-15I						1143											
MW-15D						1010											
MS-2						1010											
MSD2	↓	↓			↓	1010	↓			↓	↓	↓	↓	↓	↓	↓	

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249633**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) MARK BRETING/MyKah Bertram
Signature: Mark Breting / MB

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	A	0.0	1.0	1.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
MB/ATLAS	6-3-25 1405		6/3/25 1405	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [✓] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/3/25 15:49 TBH

1. Thermometer: 1 2 3 4 5 6 7 8 9 (A) B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 1.9/1.0 | 1.3/1.3 | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap (Bubble Bags) None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: 353.2	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** (HNO3 (<2)) (H2SO4 (<2)) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	✓ N/A
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	✓ No VOA Vials Sent
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			✓

Comments:

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH (orW)						AMBER GLASS							PLASTIC								OTHER						
			SBS																										
			DI																										
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit			Matrix	
1													1			2		2		1									
2													↓			↓	↓	↓	↓	↓									
3																													
4													3			6	3	6	3	3									
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide/ ZnAc
	Red	Yellow	Green	Black
	HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass

Plastic

BP1B	1L NaOH plastic
BP1N	1L HNO3 plastic
BP1S	1L H2SO4 plastic
BP1U	1L unpreserved plastic
BP1Z	1L NaOH, Zn, Ac
BP2N	500mL HNO3 plastic
BP2C	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3F	250mL HNO3 plastic-field filtered
BP3U	250mL unpreserved plastic
BP3S	250mL H2SO4 plastic
BP3Z	250mL NaOH, ZnAc plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Dear Mr. Breting:

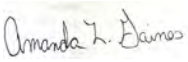
Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403617001	**MW-106D**	Water	06/05/25 12:00	06/05/25 16:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403617001	**MW-106D**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	EEM	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403617001	**MW-106D**					
EPA 9056	Chloride	225	mg/L	2.5	06/17/25 00:10	
EPA 9056	Fluoride	0.25	mg/L	0.10	06/16/25 23:54	
EPA 9056	Sulfate	624	mg/L	25.0	06/17/25 00:27	
EPA 6010	Barium	30.5	ug/L	10.0	06/10/25 23:54	
EPA 6010	Boron	13700	ug/L	100	06/10/25 23:54	
EPA 6010	Calcium	239000	ug/L	2000	06/11/25 00:00	
EPA 6010	Iron	3860	ug/L	100	06/10/25 23:54	
EPA 6010	Lithium	94.6	ug/L	20.0	06/10/25 23:54	
EPA 6010	Magnesium	48000	ug/L	1000	06/10/25 23:54	
EPA 6010	Manganese	269	ug/L	10.0	06/10/25 23:54	
EPA 6010	Molybdenum	341	ug/L	10.0	06/10/25 23:54	
EPA 6010	Potassium	12400	ug/L	1000	06/10/25 23:54	
EPA 6010	Sodium	172000	ug/L	1000	06/10/25 23:54	
EPA 6010	Molybdenum, Dissolved	351	ug/L	10.0	06/17/25 22:01	
EPA 6020	Arsenic	242	ug/L	2.0	06/11/25 00:08	
EPA 903.1	Radium-226	0.944 ± 0.791 (1.25) C:NA T:96%	pCi/L		07/08/25 13:39	
EPA 904.0	Radium-228	0.788 ± 0.415 (0.730) C:77% T:89%	pCi/L		07/02/25 14:35	
Total Radium Calculation	Total Radium	1.73 ± 1.21 (1.98)	pCi/L		07/09/25 09:08	
SM 2320B	Alkalinity, Total as CaCO3	245	mg/L	10.0	06/18/25 11:51	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	245	mg/L	10.0	06/18/25 11:51	
SM 2540C	Total Dissolved Solids	1470	mg/L	20.0	06/10/25 08:16	
SM 4500-H+B	pH at 25 Degrees C	7.1	Std. Units	0.10	06/12/25 16:07	H3
SM 5310C	Dissolved Organic Carbon	2.6	mg/L	2.0	06/18/25 11:47	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Sample: MW-106D **Lab ID: 50403617001** Collected: 06/05/25 12:00 Received: 06/05/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**225**	mg/L	2.5	1.3	10		06/17/25 00:10	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.016	1		06/16/25 23:54	16984-48-8	
Sulfate	**624**	mg/L	25.0	19.0	100		06/17/25 00:27	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**30.5**	ug/L	10.0	0.68	1	06/08/25 16:14	06/10/25 23:54	7440-39-3	
Boron	**13700**	ug/L	100	5.6	1	06/08/25 16:14	06/10/25 23:54	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/08/25 16:14	06/10/25 23:54	7440-43-9	
Calcium	**239000**	ug/L	2000	168	2	06/08/25 16:14	06/11/25 00:00	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/08/25 16:14	06/10/25 23:54	7440-47-3	
Iron	**3860**	ug/L	100	41.0	1	06/08/25 16:14	06/10/25 23:54	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/08/25 16:14	06/10/25 23:54	7439-92-1	
Lithium	**94.6**	ug/L	20.0	3.8	1	06/08/25 16:14	06/10/25 23:54	7439-93-2	
Magnesium	**48000**	ug/L	1000	53.7	1	06/08/25 16:14	06/10/25 23:54	7439-95-4	
Manganese	**269**	ug/L	10.0	0.77	1	06/08/25 16:14	06/10/25 23:54	7439-96-5	
Molybdenum	**341**	ug/L	10.0	1.4	1	06/08/25 16:14	06/10/25 23:54	7439-98-7	
Potassium	**12400**	ug/L	1000	113	1	06/08/25 16:14	06/10/25 23:54	7440-09-7	
Sodium	**172000**	ug/L	1000	95.0	1	06/08/25 16:14	06/10/25 23:54	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**351**	ug/L	10.0	1.4	1	06/10/25 21:09	06/17/25 22:01	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/07/25 15:21	06/08/25 05:16	7440-36-0	
Arsenic	**242**	ug/L	2.0	0.16	2	06/07/25 15:21	06/11/25 00:08	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/07/25 15:21	06/11/25 21:53	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/07/25 15:21	06/08/25 05:16	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/07/25 15:21	06/11/25 00:12	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/07/25 15:21	06/08/25 05:16	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/13/25 11:56	06/15/25 20:10	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**245**	mg/L	10.0	10.0	1		06/18/25 11:51		
Alkalinity,Bicarbonate (CaCO3)	**245**	mg/L	10.0	10.0	1		06/18/25 11:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/18/25 11:51		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Sample: MW-106D **Lab ID: 50403617001** Collected: 06/05/25 12:00 Received: 06/05/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1470**	mg/L	20.0	20.0	1		06/10/25 08:16		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.1**	Std. Units	0.10	0.10	1		06/12/25 16:07		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/06/25 15:08	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.6**	mg/L	2.0	0.60	2		06/18/25 11:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 849115
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3889192 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/16/25 10:11	
Fluoride	mg/L	ND	0.10	0.016	06/16/25 10:11	
Sulfate	mg/L	ND	0.25	0.19	06/16/25 10:11	

LABORATORY CONTROL SAMPLE: 3889193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.3	93	80-120	
Fluoride	mg/L	1	0.98	98	80-120	
Sulfate	mg/L	5	4.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3889194 3889195

Parameter	Units	50403557001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	19.4	2.5	2.5	21.5	21.5	84	86	80-120	0	15	
Fluoride	mg/L	ND	1	1	1.0	1.0	95	95	80-120	0	15	
Sulfate	mg/L	92.7	50	50	133	134	81	82	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 848972
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3888637 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/15/25 19:24	

LABORATORY CONTROL SAMPLE: 3888638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3888639 3888640

Parameter	Units	50403905006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	4.9	98	97	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 848043
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3884327 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/10/25 23:27	
Boron	ug/L	ND	100	5.6	06/10/25 23:27	
Cadmium	ug/L	ND	2.0	0.46	06/10/25 23:27	
Calcium	ug/L	ND	1000	83.9	06/10/25 23:27	
Chromium	ug/L	ND	10.0	0.96	06/10/25 23:27	
Iron	ug/L	ND	100	41.0	06/10/25 23:27	
Lead	ug/L	ND	10.0	2.0	06/10/25 23:27	
Lithium	ug/L	ND	20.0	3.8	06/10/25 23:27	
Magnesium	ug/L	ND	1000	53.7	06/10/25 23:27	
Manganese	ug/L	ND	10.0	0.77	06/10/25 23:27	
Molybdenum	ug/L	ND	10.0	1.4	06/10/25 23:27	
Potassium	ug/L	ND	1000	113	06/10/25 23:27	
Sodium	ug/L	ND	1000	95.0	06/10/25 23:27	

LABORATORY CONTROL SAMPLE: 3884328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	947	95	80-120	
Boron	ug/L	1000	890	89	80-120	
Cadmium	ug/L	1000	952	95	80-120	
Calcium	ug/L	10000	9730	97	80-120	
Chromium	ug/L	1000	943	94	80-120	
Iron	ug/L	10000	9280	93	80-120	
Lead	ug/L	1000	924	92	80-120	
Lithium	ug/L	1000	949	95	80-120	
Magnesium	ug/L	10000	9120	91	80-120	
Manganese	ug/L	1000	922	92	80-120	
Molybdenum	ug/L	1000	1010	101	80-120	
Potassium	ug/L	10000	9570	96	80-120	
Sodium	ug/L	10000	9670	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884329 3884330

Parameter	Units	50403706001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	217	1000	1000	1150	1190	93	97	75-125	3	20	
Boron	ug/L	ND	1000	1000	994	1020	93	95	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884329 3884330

Parameter	Units	50403706001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	966	1000	97	100	75-125	4	20	
Calcium	ug/L	386000	10000	10000	406000	418000	197	319	75-125	3	20	E,P6
Chromium	ug/L	ND	1000	1000	940	962	94	96	75-125	2	20	
Iron	ug/L	2320	10000	10000	13000	14600	106	123	75-125	12	20	
Lead	ug/L	ND	1000	1000	892	923	88	91	75-125	3	20	
Lithium	ug/L	21.1	1000	1000	973	993	95	97	75-125	2	20	
Magnesium	ug/L	102000	10000	10000	122000	127000	195	248	75-125	4	20	P6
Manganese	ug/L	824	1000	1000	1760	1810	94	99	75-125	3	20	
Molybdenum	ug/L	ND	1000	1000	1020	1060	101	105	75-125	4	20	
Potassium	ug/L	1250	10000	10000	11500	12000	103	108	75-125	4	20	
Sodium	ug/L	14300	10000	10000	23600	24100	93	98	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 848079
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3884639 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/17/25 21:04	

LABORATORY CONTROL SAMPLE: 3884640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1040	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884641 3884642

Parameter	Units	50403557001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1040	1020	104	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 847905
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3882998 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/08/25 03:57	
Arsenic	ug/L	ND	1.0	0.080	06/08/25 03:57	
Beryllium	ug/L	ND	0.20	0.026	06/10/25 22:33	
Cobalt	ug/L	ND	1.0	0.045	06/08/25 03:57	
Selenium	ug/L	ND	1.0	0.26	06/08/25 03:57	
Thallium	ug/L	ND	1.0	0.052	06/08/25 03:57	

LABORATORY CONTROL SAMPLE: 3882999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.5	104	80-120	
Arsenic	ug/L	40	40.0	100	80-120	
Beryllium	ug/L	40	38.7	97	80-120	
Cobalt	ug/L	40	41.7	104	80-120	
Selenium	ug/L	40	37.6	94	80-120	
Thallium	ug/L	40	41.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3883000 3883001

Parameter	Units	50403557005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	41.9	41.4	104	103	75-125	1	20	
Arsenic	ug/L	ND	40	40	39.2	38.7	98	97	75-125	1	20	
Beryllium	ug/L	ND	40	40	37.1	36.5	93	91	75-125	2	20	
Cobalt	ug/L	ND	40	40	41.4	40.8	103	102	75-125	1	20	
Selenium	ug/L	ND	40	40	38.2	36.8	96	92	75-125	4	20	
Thallium	ug/L	ND	40	40	41.2	40.8	103	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 849583
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3891533 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/18/25 11:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/18/25 11:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/18/25 11:51	

LABORATORY CONTROL SAMPLE: 3891534

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.4	103	90-110	

SAMPLE DUPLICATE: 3891535

Parameter	Units	50403905001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	442	444	0	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	442	444	0	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3891536

Parameter	Units	50403905002 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	667	663	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	667	663	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 848282
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3885486 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/10/25 08:10	

LABORATORY CONTROL SAMPLE: 3885487

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	270	90	80-120	

SAMPLE DUPLICATE: 3885488

Parameter	Units	50403805005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	325	333	2	10	

SAMPLE DUPLICATE: 3885489

Parameter	Units	50403805006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	410	408	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 848819
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50403617001

SAMPLE DUPLICATE: 3887627

Parameter	Units	50403558002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.4	0	2	H3

SAMPLE DUPLICATE: 3887628

Parameter	Units	50403777001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.2	6.5	4	2	H3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 847938
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3883150 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	06/06/25 15:04	

LABORATORY CONTROL SAMPLE: 3883151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3883152 3883153

Parameter	Units	50403617001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	1.0	1.0	100	100	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 849541
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403617001

METHOD BLANK: 3891313 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/17/25 14:56	

LABORATORY CONTROL SAMPLE: 3891314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3891315 3891316

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.5	20	20	21.5	21.4	95	95	80-120	0	15	

MATRIX SPIKE SAMPLE: 3891317

Parameter	Units	50403396001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.6	20	21.4	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Sample: MW-106D **Lab ID: 50403617001** Collected: 06/05/25 12:00 Received: 06/05/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.944 ± 0.791 (1.25) C:NA T:96%**	pCi/L	07/08/25 13:39	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.788 ± 0.415 (0.730) C:77% T:89%**	pCi/L	07/02/25 14:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.73 ± 1.21 (1.98)**	pCi/L	07/09/25 09:08	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 752758
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403617001

METHOD BLANK: 3667642 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.470 ± 0.348 (0.674) C:81% T:89%	pCi/L	07/02/25 11:30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

QC Batch: 752757
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403617001

METHOD BLANK: 3667640 Matrix: Water
Associated Lab Samples: 50403617001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.0825 ± 0.362 (0.748) C:NA T:89%	pCi/L	07/08/25 13:25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403617

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403617001	**MW-106D**	EPA 9056	849115		
50403617001	**MW-106D**	EPA 3010	848043	EPA 6010	848491
50403617001	**MW-106D**	EPA 3010	848079	EPA 6010	849633
50403617001	**MW-106D**	EPA 200.2	847905	EPA 6020	848059
50403617001	**MW-106D**	EPA 7470	848972	EPA 7470	849240
50403617001	**MW-106D**	EPA 903.1	752757		
50403617001	**MW-106D**	EPA 904.0	752758		
50403617001	**MW-106D**	Total Radium Calculation	756845		
50403617001	**MW-106D**	SM 2320B	849583		
50403617001	**MW-106D**	SM 2540C	848282		
50403617001	**MW-106D**	SM 4500-H+B	848819		
50403617001	**MW-106D**	EPA 353.2	847938		
50403617001	**MW-106D**	SM 5310C	849541		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50403617

50403617

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-106D	GW	G	6/5/25	1200			8			X	X	X	X	X	X	X	

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mohammed Bazkamit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	F	0.0	4.1	4.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
ATLAS	6/5/25 1600	Pace	6/5 1600

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier
[ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/5 16:57 JS

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 4.1/4.1 | | | |

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap ~~Bubble Bags~~ None Other _____

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes (No)

(If yes)Seals Intact: Yes (No) (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? Analysis: Nitrate	✓	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1730	
Rush TAT Requested (4 days or less):		✓
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	
Comments:		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	✓		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			✓
Extra labels on Terracore Vials? (soils only)			

COC PAGE 1 of 1

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS AG0U	AG1H	AG1U	AG3U	AG3S LR6/5	AG3SF	AG3B	PLASTIC BP1U	BP1N	BP2U	BP3U	BP3N LR6/5	BP3F	BP3S	BP3B	BP3Z	OTHER CG3H	CG3F	Syringe Kit			Matrix	Nitric Red HNO3 <2	Sulfuric Yellow H2SO4 <2	Sodium Hydroxide Green NaOH >10	Sodium Hydroxide/ ZnAc Black NaOH/Zn Ac >9
1												1	1			2	1	2	1	1									WT	✓	✓		
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 15, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Dear Mr. Breting:

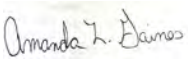
Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403777001	**MW-109I**	Water	06/06/25 13:00	06/06/25 16:00
50403777002	**MW-109I MS 5**	Water	06/06/25 13:00	06/06/25 16:00
50403777003	**MW-109I MSD 5**	Water	06/06/25 13:00	06/06/25 16:00
50403777004	**FIELD BLANK 2**	Water	06/06/25 14:00	06/06/25 16:00

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403777001	**MW-109I**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I
50403777002	**MW-109I MS 5**	EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
50403777003	**MW-109I MSD 5**	EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
50403777004	**FIELD BLANK 2**	EPA 9056	GLT	3	PASI-I
		EPA 6010	JPK	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	CAS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403777001	**MW-109I**					
EPA 9056	Chloride	56.1	mg/L	2.5	06/16/25 15:57	
EPA 9056	Fluoride	0.15	mg/L	0.10	06/16/25 15:40	
EPA 9056	Sulfate	233	mg/L	2.5	06/16/25 15:57	
EPA 6010	Barium	84.5	ug/L	10.0	06/14/25 04:34	
EPA 6010	Boron	653	ug/L	100	06/14/25 04:34	
EPA 6010	Calcium	165000	ug/L	1000	06/14/25 04:34	
EPA 6010	Iron	4740	ug/L	100	06/14/25 04:34	
EPA 6010	Magnesium	37700	ug/L	1000	06/14/25 04:34	
EPA 6010	Manganese	730	ug/L	10.0	06/14/25 04:34	
EPA 6010	Potassium	3900	ug/L	1000	06/14/25 04:34	
EPA 6010	Sodium	45100	ug/L	1000	06/14/25 04:34	
EPA 6020	Arsenic	3.3	ug/L	1.0	06/12/25 08:04	
EPA 903.1	Radium-226	-0.0944 ± 0.763 (1.43) C:NA T:90%	pCi/L		07/03/25 15:31	
EPA 904.0	Radium-228	0.238 ± 0.342 (0.734) C:82% T:89%	pCi/L		07/02/25 14:37	
Total Radium Calculation	Total Radium	0.238 ± 1.11 (2.16)	pCi/L		07/09/25 08:56	
SM 2320B	Alkalinity, Total as CaCO3	349	mg/L	10.0	06/18/25 17:49	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	349	mg/L	10.0	06/18/25 17:49	
SM 2540C	Total Dissolved Solids	760	mg/L	20.0	06/10/25 08:27	
SM 4500-H+B	pH at 25 Degrees C	6.2	Std. Units	0.10	06/12/25 16:33	H3
SM 5310C	Dissolved Organic Carbon	2.9	mg/L	1.0	06/18/25 19:15	
50403777002	**MW-109I MS 5**					
EPA 903.1	Radium-226	91.37 %REC ± NA (NA) C:NA T:NA	pCi/L		07/03/25 15:44	
EPA 904.0	Radium-228	98.23 %REC ± NA (NA) C:NA T:NA	pCi/L		07/02/25 14:37	
50403777003	**MW-109I MSD 5**					
EPA 903.1	Radium-226	94.29 %REC 3.15RPD ± NA (NA) C:NA T:NA	pCi/L		07/03/25 15:44	
EPA 904.0	Radium-228	130.89 %REC 28.52RPD ± NA (NA) C:NA T:NA	pCi/L		07/02/25 14:37	
50403777004	**FIELD BLANK 2**					
EPA 9056	Chloride	4.2	mg/L	0.25	06/16/25 16:14	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403777004	**FIELD BLANK 2**					
EPA 9056	Fluoride	0.10	mg/L	0.10	06/16/25 16:14	
EPA 9056	Sulfate	3.4	mg/L	0.25	06/16/25 16:14	
EPA 6010	Calcium	2810	ug/L	1000	06/14/25 04:41	C0
EPA 6010	Sodium	2920	ug/L	1000	06/14/25 04:41	C0
EPA 903.1	Radium-226	0.312 ± 0.857 (1.53) C:NA T:91%	pCi/L		07/03/25 15:44	
EPA 904.0	Radium-228	0.168 ± 0.372 (0.826) C:81% T:77%	pCi/L		07/02/25 14:37	
Total Radium Calculation	Total Radium	0.480 ± 1.23 (2.36)	pCi/L		07/09/25 08:56	
SM 4500-H+B	pH at 25 Degrees C	6.2	Std. Units	0.10	06/13/25 13:09	H3
EPA 353.2	Nitrogen, Nitrate	0.34	mg/L	0.10	06/07/25 10:35	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: MW-109I **Lab ID: 50403777001** Collected: 06/06/25 13:00 Received: 06/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**56.1**	mg/L	2.5	1.3	10		06/16/25 15:57	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.016	1		06/16/25 15:40	16984-48-8	
Sulfate	**233**	mg/L	2.5	1.9	10		06/16/25 15:57	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**84.5**	ug/L	10.0	0.68	1	06/11/25 15:45	06/14/25 04:34	7440-39-3	
Boron	**653**	ug/L	100	5.6	1	06/11/25 15:45	06/14/25 04:34	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/11/25 15:45	06/14/25 04:34	7440-43-9	
Calcium	**165000**	ug/L	1000	83.9	1	06/11/25 15:45	06/14/25 04:34	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/11/25 15:45	06/14/25 04:34	7440-47-3	
Iron	**4740**	ug/L	100	41.0	1	06/11/25 15:45	06/14/25 04:34	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/11/25 15:45	06/14/25 04:34	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/11/25 15:45	06/14/25 04:34	7439-93-2	
Magnesium	**37700**	ug/L	1000	53.7	1	06/11/25 15:45	06/14/25 04:34	7439-95-4	
Manganese	**730**	ug/L	10.0	0.77	1	06/11/25 15:45	06/14/25 04:34	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/11/25 15:45	06/14/25 04:34	7439-98-7	
Potassium	**3900**	ug/L	1000	113	1	06/11/25 15:45	06/14/25 04:34	7440-09-7	
Sodium	**45100**	ug/L	1000	95.0	1	06/11/25 15:45	06/14/25 04:34	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/13/25 08:17	06/19/25 21:41	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/11/25 09:15	06/12/25 08:04	7440-36-0	
Arsenic	**3.3**	ug/L	1.0	0.080	1	06/11/25 09:15	06/12/25 08:04	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/11/25 09:15	06/12/25 08:04	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/11/25 09:15	06/12/25 08:04	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/11/25 09:15	06/12/25 08:04	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/11/25 09:15	06/12/25 08:04	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/19/25 21:10	06/23/25 08:46	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**349**	mg/L	10.0	10.0	1		06/18/25 17:49		
Alkalinity,Bicarbonate (CaCO3)	**349**	mg/L	10.0	10.0	1		06/18/25 17:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/18/25 17:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: MW-109I **Lab ID: 50403777001** Collected: 06/06/25 13:00 Received: 06/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**760**	mg/L	20.0	20.0	1		06/10/25 08:27		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**6.2**	Std. Units	0.10	0.10	1		06/12/25 16:33		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/07/25 10:15	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.9**	mg/L	1.0	0.30	1		06/18/25 19:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: FIELD BLANK 2 **Lab ID: 50403777004** Collected: 06/06/25 14:00 Received: 06/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**4.2**	mg/L	0.25	0.13	1		06/16/25 16:14	16887-00-6	
Fluoride	**0.10**	mg/L	0.10	0.016	1		06/16/25 16:14	16984-48-8	
Sulfate	**3.4**	mg/L	0.25	0.19	1		06/16/25 16:14	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	ND	ug/L	10.0	0.68	1	06/11/25 15:45	06/14/25 04:41	7440-39-3	
Boron	ND	ug/L	100	5.6	1	06/11/25 15:45	06/14/25 04:41	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/11/25 15:45	06/14/25 04:41	7440-43-9	
Calcium	**2810**	ug/L	1000	83.9	1	06/11/25 15:45	06/14/25 04:41	7440-70-2	C0
Chromium	ND	ug/L	10.0	0.96	1	06/11/25 15:45	06/14/25 04:41	7440-47-3	
Iron	ND	ug/L	100	41.0	1	06/11/25 15:45	06/14/25 04:41	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/11/25 15:45	06/14/25 04:41	7439-92-1	
Lithium	ND	ug/L	20.0	3.8	1	06/11/25 15:45	06/14/25 04:41	7439-93-2	
Magnesium	ND	ug/L	1000	53.7	1	06/11/25 15:45	06/14/25 04:41	7439-95-4	
Manganese	ND	ug/L	10.0	0.77	1	06/11/25 15:45	06/14/25 04:41	7439-96-5	
Molybdenum	ND	ug/L	10.0	1.4	1	06/11/25 15:45	06/14/25 04:41	7439-98-7	
Potassium	ND	ug/L	1000	113	1	06/11/25 15:45	06/14/25 04:41	7440-09-7	
Sodium	**2920**	ug/L	1000	95.0	1	06/11/25 15:45	06/14/25 04:41	7440-23-5	C0
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	ND	ug/L	10.0	1.4	1	06/13/25 08:17	06/19/25 21:39	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/11/25 09:15	06/12/25 07:48	7440-36-0	
Arsenic	ND	ug/L	1.0	0.080	1	06/11/25 09:15	06/12/25 07:48	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/11/25 09:15	06/12/25 07:48	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/11/25 09:15	06/12/25 07:48	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/11/25 09:15	06/12/25 07:48	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/11/25 09:15	06/12/25 07:48	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/19/25 21:10	06/23/25 08:53	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	ND	mg/L	10.0	10.0	1		06/18/25 17:49		
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/18/25 17:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/18/25 17:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: FIELD BLANK 2 **Lab ID: 50403777004** Collected: 06/06/25 14:00 Received: 06/06/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		06/10/25 08:27		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**6.2**	Std. Units	0.10	0.10	1		06/13/25 13:09		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	**0.34**	mg/L	0.10	0.013	1		06/07/25 10:35	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	ND	mg/L	1.0	0.30	1		06/17/25 20:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 849326
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3890494 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/16/25 14:34	
Fluoride	mg/L	ND	0.10	0.016	06/16/25 14:34	
Sulfate	mg/L	ND	0.25	0.19	06/16/25 14:34	

LABORATORY CONTROL SAMPLE: 3890495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	101	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3890496 3890497

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.7	2.5	2.5	7.1	7.1	96	95	80-120	0	15	
Fluoride	mg/L	0.13	1	1	1.0	1.0	87	87	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 849861
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3892866 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/23/25 08:41	

LABORATORY CONTROL SAMPLE: 3892867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892868 3892869

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	5.0	96	98	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892870 3892871

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.7	4.9	93	97	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 848072
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3884619 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/14/25 04:26	
Boron	ug/L	ND	100	5.6	06/14/25 04:26	
Cadmium	ug/L	ND	2.0	0.46	06/14/25 04:26	
Calcium	ug/L	ND	1000	83.9	06/14/25 04:26	
Chromium	ug/L	ND	10.0	0.96	06/14/25 04:26	
Iron	ug/L	ND	100	41.0	06/14/25 04:26	
Lead	ug/L	ND	10.0	2.0	06/14/25 04:26	
Lithium	ug/L	ND	20.0	3.8	06/14/25 04:26	
Magnesium	ug/L	ND	1000	53.7	06/14/25 04:26	
Manganese	ug/L	ND	10.0	0.77	06/14/25 04:26	
Molybdenum	ug/L	ND	10.0	1.4	06/14/25 04:26	
Potassium	ug/L	ND	1000	113	06/14/25 04:26	
Sodium	ug/L	ND	1000	95.0	06/14/25 04:26	

LABORATORY CONTROL SAMPLE: 3884620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	966	97	80-120	
Boron	ug/L	1000	936	94	80-120	
Cadmium	ug/L	1000	941	94	80-120	
Calcium	ug/L	10000	9770	98	80-120	
Chromium	ug/L	1000	955	95	80-120	
Iron	ug/L	10000	9540	95	80-120	
Lead	ug/L	1000	917	92	80-120	
Lithium	ug/L	1000	946	95	80-120	
Magnesium	ug/L	10000	9420	94	80-120	
Manganese	ug/L	1000	930	93	80-120	
Molybdenum	ug/L	1000	965	96	80-120	
Potassium	ug/L	10000	9260	93	80-120	
Sodium	ug/L	10000	9520	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884621 3884622

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	84.5	1000	1000	1080	1060	100	97	75-125	2	20	
Boron	ug/L	653	1000	1000	1680	1610	103	96	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884621 3884622

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	994	969	99	97	75-125	3	20	
Calcium	ug/L	165000	10000	10000	174000	166000	85	12	75-125	4	20	P6
Chromium	ug/L	ND	1000	1000	987	958	99	96	75-125	3	20	
Iron	ug/L	4740	10000	10000	14500	13900	97	92	75-125	4	20	
Lead	ug/L	ND	1000	1000	933	913	93	91	75-125	2	20	
Lithium	ug/L	ND	1000	1000	993	970	98	96	75-125	2	20	
Magnesium	ug/L	37700	10000	10000	48000	46000	103	83	75-125	4	20	
Manganese	ug/L	730	1000	1000	1680	1610	94	88	75-125	4	20	
Molybdenum	ug/L	ND	1000	1000	1030	1010	102	100	75-125	3	20	
Potassium	ug/L	3900	10000	10000	13600	13300	97	94	75-125	2	20	
Sodium	ug/L	45100	10000	10000	53800	52100	87	70	75-125	3	20	P6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 848686
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3887040 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/19/25 21:12	

LABORATORY CONTROL SAMPLE: 3887041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3887042 3887043

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1020	1020	101	101	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 848326
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3885652 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/12/25 06:01	
Arsenic	ug/L	ND	1.0	0.080	06/12/25 06:01	
Beryllium	ug/L	ND	0.20	0.026	06/12/25 06:01	
Cobalt	ug/L	ND	1.0	0.045	06/12/25 06:01	
Selenium	ug/L	ND	1.0	0.26	06/12/25 06:01	
Thallium	ug/L	ND	1.0	0.052	06/12/25 06:01	

LABORATORY CONTROL SAMPLE: 3885653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.4	104	80-120	
Arsenic	ug/L	40	39.5	99	80-120	
Beryllium	ug/L	40	38.5	96	80-120	
Cobalt	ug/L	40	40.7	102	80-120	
Selenium	ug/L	40	40.8	102	80-120	
Thallium	ug/L	40	39.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885654 3885655

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.3	42.3	106	106	75-125	0	20	
Arsenic	ug/L	3.3	40	40	43.0	42.8	99	99	75-125	0	20	
Beryllium	ug/L	ND	40	40	36.4	35.5	91	89	75-125	3	20	
Cobalt	ug/L	ND	40	40	37.6	37.5	94	93	75-125	0	20	
Selenium	ug/L	ND	40	40	37.7	38.5	94	96	75-125	2	20	
Thallium	ug/L	ND	40	40	40.3	40.1	101	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 849786
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3892355 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/18/25 17:49	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/18/25 17:49	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/18/25 17:49	

LABORATORY CONTROL SAMPLE: 3892356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	90-110	

SAMPLE DUPLICATE: 3892357

Parameter	Units	50403932001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	333	336	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	333	336	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3892358

Parameter	Units	50403777001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	353	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	349	353	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 848283
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3885490 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/10/25 08:24	

LABORATORY CONTROL SAMPLE: 3885491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	271	90	80-120	

SAMPLE DUPLICATE: 3885492

Parameter	Units	50403827004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	532	539	1	10	

SAMPLE DUPLICATE: 3885493

Parameter	Units	50403777001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	760	740	3	10	

SAMPLE DUPLICATE: 3885494

Parameter	Units	50403932001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	480	472	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 848819
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50403777001

SAMPLE DUPLICATE: 3887627

Parameter	Units	50403558002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.4	0	2	H3

SAMPLE DUPLICATE: 3887628

Parameter	Units	50403777001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	6.2	6.5	4	2	H3,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 849023
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50403777004

SAMPLE DUPLICATE: 3888857

Parameter	Units	50403827004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.2	6	2	H3,R1

SAMPLE DUPLICATE: 3888858

Parameter	Units	50403932001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.3	2	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 848000
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001, 50403777004

METHOD BLANK: 3883915 Matrix: Water
Associated Lab Samples: 50403777001, 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	06/07/25 10:09	

LABORATORY CONTROL SAMPLE: 3883916

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3883917 3883918

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.95	0.95	93	93	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3884997 3884998

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	5.5	1	1	5.8	5.8	36	35	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 849541
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777004

METHOD BLANK: 3891313 Matrix: Water
Associated Lab Samples: 50403777004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/17/25 14:56	

LABORATORY CONTROL SAMPLE: 3891314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3891315 3891316

Parameter	Units	50403326004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.5	20	20	21.5	21.4	95	95	80-120	0	15	

MATRIX SPIKE SAMPLE: 3891317

Parameter	Units	50403396001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	1.6	20	21.4	99	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 849771
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403777001

METHOD BLANK: 3892293 Matrix: Water
Associated Lab Samples: 50403777001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/18/25 17:50	

LABORATORY CONTROL SAMPLE: 3892294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892295 3892296

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.9	10	10	11.1	11.0	92	91	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892297 3892298

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.9	10	10	12.4	12.8	95	99	80-120	3	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: MW-109I **Lab ID: 50403777001** Collected: 06/06/25 13:00 Received: 06/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**-0.0944 ± 0.763 (1.43) C:NA T:90%**	pCi/L	07/03/25 15:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.238 ± 0.342 (0.734) C:82% T:89%**	pCi/L	07/02/25 14:37	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.238 ± 1.11 (2.16)**	pCi/L	07/09/25 08:56	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: MW-109I MS 5 **Lab ID: 50403777002** Collected: 06/06/25 13:00 Received: 06/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Comments: • ID's for samples 002 and 003 shortened to 'MS 5 and MSD 5: on sample bottles; logged per client COC direction; client notified via SAF on 06/11/2025

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
		Pace Analytical Services - Greensburg				
Radium-226	EPA 903.1	**91.37 %REC ± NA (NA) C:NA T:NA**	pCi/L	07/03/25 15:44	13982-63-3	
		Pace Analytical Services - Greensburg				
Radium-228	EPA 904.0	**98.23 %REC ± NA (NA) C:NA T:NA**	pCi/L	07/02/25 14:37	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: MW-109I MSD 5 **Lab ID: 50403777003** Collected: 06/06/25 13:00 Received: 06/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Comments: • ID's for samples 002 and 003 shortened to 'MS 5 and MSD 5: on sample bottles; logged per client COC direction; client notified via SAF on 06/11/2025

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**94.29 %REC 3.15RPD ± NA (NA) C:NA T:NA**	pCi/L	07/03/25 15:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**130.89 %REC 28.52RPD ± NA (NA) C:NA T:NA**	pCi/L	07/02/25 14:37	15262-20-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Sample: FIELD BLANK 2 **Lab ID: 50403777004** Collected: 06/06/25 14:00 Received: 06/06/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.312 ± 0.857 (1.53) C:NA T:91%**	pCi/L	07/03/25 15:44	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.168 ± 0.372 (0.826) C:81% T:77%**	pCi/L	07/02/25 14:37	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.480 ± 1.23 (2.36)**	pCi/L	07/09/25 08:56	7440-14-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 752754
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403777001, 50403777002, 50403777003, 50403777004

METHOD BLANK: 3667629
Matrix: Water
Associated Lab Samples: 50403777001, 50403777002, 50403777003, 50403777004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.141 ± 0.401 (0.743) C:NA T:95%	pCi/L	07/03/25 15:31	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

QC Batch: 752755
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403777001, 50403777002, 50403777003, 50403777004

METHOD BLANK: 3667631 Matrix: Water
Associated Lab Samples: 50403777001, 50403777002, 50403777003, 50403777004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.940 ± 0.468 (0.793) C:80% T:73%	pCi/L	07/02/25 14:36	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
H3	Sample was received or analysis requested beyond the recognized method holding time.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403777

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403777001	**MW-109I**	EPA 9056	849326		
50403777004	**FIELD BLANK 2**	EPA 9056	849326		
50403777001	**MW-109I**	EPA 3010	848072	EPA 6010	849188
50403777004	**FIELD BLANK 2**	EPA 3010	848072	EPA 6010	849188
50403777001	**MW-109I**	EPA 3010	848686	EPA 6010	850111
50403777004	**FIELD BLANK 2**	EPA 3010	848686	EPA 6010	850111
50403777001	**MW-109I**	EPA 200.2	848326	EPA 6020	848721
50403777004	**FIELD BLANK 2**	EPA 200.2	848326	EPA 6020	848721
50403777001	**MW-109I**	EPA 7470	849861	EPA 7470	850169
50403777004	**FIELD BLANK 2**	EPA 7470	849861	EPA 7470	850169
50403777001	**MW-109I**	EPA 903.1	752754		
50403777002	**MW-109I MS 5**	EPA 903.1	752754		
50403777003	**MW-109I MSD 5**	EPA 903.1	752754		
50403777004	**FIELD BLANK 2**	EPA 903.1	752754		
50403777001	**MW-109I**	EPA 904.0	752755		
50403777002	**MW-109I MS 5**	EPA 904.0	752755		
50403777003	**MW-109I MSD 5**	EPA 904.0	752755		
50403777004	**FIELD BLANK 2**	EPA 904.0	752755		
50403777001	**MW-109I**	Total Radium Calculation	756837		
50403777004	**FIELD BLANK 2**	Total Radium Calculation	756837		
50403777001	**MW-109I**	SM 2320B	849786		
50403777004	**FIELD BLANK 2**	SM 2320B	849786		
50403777001	**MW-109I**	SM 2540C	848283		
50403777004	**FIELD BLANK 2**	SM 2540C	848283		
50403777001	**MW-109I**	SM 4500-H+B	848819		
50403777004	**FIELD BLANK 2**	SM 4500-H+B	849023		
50403777001	**MW-109I**	EPA 353.2	848000		
50403777004	**FIELD BLANK 2**	EPA 353.2	848000		
50403777001	**MW-109I**	SM 5310C	849771		
50403777004	**FIELD BLANK 2**	SM 5310C	849541		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50403777

50403777

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA	Sample Comment
MW-109I	GW	G	6/6/25	1300			8			↓	↓	↓	↓	↓	↓	↓	
MS-5	GW	G	↓	1300			8										
MSD-5	GW	G		1300			8										
Field Blank-2	GW	G	↓	1400			8			↓	↓	↓	↓	↓	↓	↓	

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Analysis Requested

Lab Use Only

Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mohammed Bazlamit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
1	F	0.0	4.0	4.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
ATLAS	6/6/25 1600	Pace	6/6/25 1600	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 7 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 6/6/25 16:32 JG

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E F G H I

2. Cooler Temperature(s): (Initial/Corrected) 4.0/4.0

RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Packing Material: Bubble Wrap Bubble Bags None Other

4. Ice Type: Wet Blue None

3. Was the PM notified of out of temp cooler?: (leave blank if samples are in temp) Yes No

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

5. Courier: Fed Ex UPS Client Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: Yes No

(If yes)Seals Intact: Yes No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		~
Short Hold Time Analysis (48 hours or less)? Analysis: 3532	~	
Time 5035A TC placed in Freezer or Short Holds To Lab	Time: 1730	
Rush TAT Requested (4 days or less):		~
Custody Signatures Present?	~	
Containers Intact?:	~	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	~	
Comments:		

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl. Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	~		
	Present	Absent	N/A
Residual Chlorine Check (SVOC 625 Pest/PCB 608)			~
Residual Chlorine Check (Total/Amenable/Free Cyanide)			~
Headspace in VOA Vials (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ~
Trip Blank Present?		~	
Trip Blank Custody Seals?:			~
Extra labels on Terracore Vials? (soils only)			

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

			MeOH only						AMBER GLASS							PLASTIC									OTHER					Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
			SBS																														
			DI																														
COC Line Item	WGFU	WGKU BG1U	R	DG9H VG9H	VOA VIAL HS (>5mm)	VG9U DG9U	VG9T	AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H	CG3F	Syringe Kit				HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													3			6	3	6	3	3									WT	✓	✓		
2																																	
3																																	
4													1			2	1	2	1	1									WT	✓	✓		
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL	Oil
NAL	Non-aqueous liquid
WP	Wipe

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

July 16, 2025

Mr. Mark Breting
ATC Group Services
7988 Centerpoint Drive
Suite 100
Indianapolis, IN 46256

RE: Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Dear Mr. Breting:

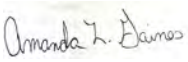
Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amanda Gaines
amanda.gaines@pacelabs.com
(317)228-3100
Project Manager

Enclosures

cc: Mohammed Bazlamit, Atlas
Mr. Robert Miller, Haley & Aldrich

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019
Louisiana Certification #: 04076
Michigan Drinking Water Laboratory #9050
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Washington Dept of Ecology #: C1081
Wisconsin Laboratory #: 999788130
USDA Foreign Soil Permit #: 525-23-13-23119
USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50403989001	**MW-106I**	Water	06/09/25 12:45	06/09/25 16:00

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50403989001	**MW-106I**	EPA 9056	GLT	3	PASI-I
		EPA 6010	GC	13	PASI-I
		EPA 6010	JPK	1	PASI-I
		EPA 6020	MTM	6	PASI-I
		EPA 7470	ILP	1	PASI-I
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
		SM 2320B	WDB	3	PASI-I
		SM 2540C	MED1	1	PASI-I
		SM 4500-H+B	MDW	1	PASI-I
		EPA 353.2	KCS	1	PASI-I
		SM 5310C	ATS	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50403989001	**MW-106I**					
EPA 9056	Chloride	233	mg/L	25.0	06/16/25 17:04	
EPA 9056	Fluoride	0.37	mg/L	0.10	06/16/25 16:30	
EPA 9056	Sulfate	555	mg/L	25.0	06/16/25 17:04	
EPA 6010	Barium	63.6	ug/L	10.0	06/11/25 22:12	
EPA 6010	Boron	11300	ug/L	100	06/11/25 22:12	
EPA 6010	Calcium	224000	ug/L	2000	06/11/25 22:53	
EPA 6010	Iron	4860	ug/L	100	06/11/25 22:12	
EPA 6010	Lithium	83.3	ug/L	20.0	06/11/25 22:12	
EPA 6010	Magnesium	48600	ug/L	1000	06/11/25 22:12	
EPA 6010	Manganese	459	ug/L	10.0	06/11/25 22:12	
EPA 6010	Molybdenum	328	ug/L	10.0	06/11/25 22:12	
EPA 6010	Potassium	14600	ug/L	1000	06/11/25 22:12	
EPA 6010	Sodium	197000	ug/L	2000	06/11/25 22:53	
EPA 6010	Molybdenum, Dissolved	333	ug/L	10.0	06/20/25 22:04	
EPA 6020	Arsenic	108	ug/L	1.0	06/12/25 07:52	
EPA 903.1	Radium-226	0.0533 ± 0.619 (1.17) C:NA T:93%	pCi/L		07/07/25 16:23	
EPA 904.0	Radium-228	0.481 ± 0.343 (0.664) C:95% T:87%	pCi/L		07/03/25 14:46	
Total Radium Calculation	Total Radium	0.534 ± 0.962 (1.83)	pCi/L		07/09/25 09:00	
SM 2320B	Alkalinity, Total as CaCO3	269	mg/L	10.0	06/18/25 17:49	
SM 2320B	Alkalinity,Bicarbonate (CaCO3)	269	mg/L	10.0	06/18/25 17:49	
SM 2540C	Total Dissolved Solids	1500	mg/L	40.0	06/10/25 08:31	
SM 4500-H+B	pH at 25 Degrees C	7.4	Std. Units	0.10	06/13/25 13:51	H3
SM 5310C	Dissolved Organic Carbon	2.4	mg/L	2.0	06/19/25 11:00	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Sample: MW-106I **Lab ID: 50403989001** Collected: 06/09/25 12:45 Received: 06/09/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9056 IC Anions	Analytical Method: EPA 9056 Pace Analytical Services - Indianapolis								
Chloride	**233**	mg/L	25.0	13.0	100		06/16/25 17:04	16887-00-6	
Fluoride	**0.37**	mg/L	0.10	0.016	1		06/16/25 16:30	16984-48-8	
Sulfate	**555**	mg/L	25.0	19.0	100		06/16/25 17:04	14808-79-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Barium	**63.6**	ug/L	10.0	0.68	1	06/11/25 08:26	06/11/25 22:12	7440-39-3	
Boron	**11300**	ug/L	100	5.6	1	06/11/25 08:26	06/11/25 22:12	7440-42-8	
Cadmium	ND	ug/L	2.0	0.46	1	06/11/25 08:26	06/11/25 22:12	7440-43-9	
Calcium	**224000**	ug/L	2000	168	2	06/11/25 08:26	06/11/25 22:53	7440-70-2	
Chromium	ND	ug/L	10.0	0.96	1	06/11/25 08:26	06/11/25 22:12	7440-47-3	
Iron	**4860**	ug/L	100	41.0	1	06/11/25 08:26	06/11/25 22:12	7439-89-6	
Lead	ND	ug/L	10.0	2.0	1	06/11/25 08:26	06/11/25 22:12	7439-92-1	
Lithium	**83.3**	ug/L	20.0	3.8	1	06/11/25 08:26	06/11/25 22:12	7439-93-2	
Magnesium	**48600**	ug/L	1000	53.7	1	06/11/25 08:26	06/11/25 22:12	7439-95-4	
Manganese	**459**	ug/L	10.0	0.77	1	06/11/25 08:26	06/11/25 22:12	7439-96-5	
Molybdenum	**328**	ug/L	10.0	1.4	1	06/11/25 08:26	06/11/25 22:12	7439-98-7	
Potassium	**14600**	ug/L	1000	113	1	06/11/25 08:26	06/11/25 22:12	7440-09-7	
Sodium	**197000**	ug/L	2000	190	2	06/11/25 08:26	06/11/25 22:53	7440-23-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Indianapolis								
Molybdenum, Dissolved	**333**	ug/L	10.0	1.4	1	06/13/25 08:28	06/20/25 22:04	7439-98-7	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 200.2 Pace Analytical Services - Indianapolis								
Antimony	ND	ug/L	1.0	0.19	1	06/11/25 09:15	06/12/25 07:52	7440-36-0	
Arsenic	**108**	ug/L	1.0	0.080	1	06/11/25 09:15	06/12/25 07:52	7440-38-2	
Beryllium	ND	ug/L	0.20	0.026	1	06/11/25 09:15	06/12/25 07:52	7440-41-7	
Cobalt	ND	ug/L	1.0	0.045	1	06/11/25 09:15	06/12/25 07:52	7440-48-4	
Selenium	ND	ug/L	1.0	0.26	1	06/11/25 09:15	06/12/25 07:52	7782-49-2	
Thallium	ND	ug/L	1.0	0.052	1	06/11/25 09:15	06/12/25 07:52	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Indianapolis								
Mercury	ND	ug/L	0.20	0.085	1	06/19/25 21:10	06/23/25 09:35	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Indianapolis								
Alkalinity, Total as CaCO3	**269**	mg/L	10.0	10.0	1		06/18/25 17:49		
Alkalinity,Bicarbonate (CaCO3)	**269**	mg/L	10.0	10.0	1		06/18/25 17:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	10.0	10.0	1		06/18/25 17:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Sample: MW-106I **Lab ID: 50403989001** Collected: 06/09/25 12:45 Received: 06/09/25 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Indianapolis								
Total Dissolved Solids	**1500**	mg/L	40.0	40.0	1		06/10/25 08:31		
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Indianapolis								
pH at 25 Degrees C	**7.4**	Std. Units	0.10	0.10	1		06/13/25 13:51		H3
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2 Pace Analytical Services - Indianapolis								
Nitrogen, Nitrate	ND	mg/L	0.10	0.013	1		06/10/25 15:38	14797-55-8	
5310C Dissolved Organic Carbon	Analytical Method: SM 5310C Pace Analytical Services - Indianapolis								
Dissolved Organic Carbon	**2.4**	mg/L	2.0	0.60	2		06/19/25 11:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 849326
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3890494 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	0.25	0.13	06/16/25 14:34	
Fluoride	mg/L	ND	0.10	0.016	06/16/25 14:34	
Sulfate	mg/L	ND	0.25	0.19	06/16/25 14:34	

LABORATORY CONTROL SAMPLE: 3890495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2.5	2.5	101	80-120	
Fluoride	mg/L	1	1.0	100	80-120	
Sulfate	mg/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3890496 3890497

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.7	2.5	2.5	7.1	7.1	96	95	80-120	0	15	
Fluoride	mg/L	0.13	1	1	1.0	1.0	87	87	80-120	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 849861
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3892866 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.085	06/23/25 08:41	

LABORATORY CONTROL SAMPLE: 3892867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892868 3892869

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.8	5.0	96	98	75-125	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892870 3892871

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.7	4.9	93	97	75-125	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 848386
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3885817 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	0.68	06/11/25 21:42	
Boron	ug/L	ND	100	5.6	06/11/25 21:42	
Cadmium	ug/L	ND	2.0	0.46	06/11/25 21:42	
Calcium	ug/L	ND	1000	83.9	06/11/25 21:42	
Chromium	ug/L	ND	10.0	0.96	06/11/25 21:42	
Iron	ug/L	ND	100	41.0	06/11/25 21:42	
Lead	ug/L	ND	10.0	2.0	06/11/25 21:42	
Lithium	ug/L	ND	20.0	3.8	06/11/25 21:42	
Magnesium	ug/L	ND	1000	53.7	06/11/25 21:42	
Manganese	ug/L	ND	10.0	0.77	06/11/25 21:42	
Molybdenum	ug/L	ND	10.0	1.4	06/11/25 21:42	
Potassium	ug/L	ND	1000	113	06/11/25 21:42	
Sodium	ug/L	ND	1000	95.0	06/11/25 21:42	

LABORATORY CONTROL SAMPLE: 3885818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	996	100	80-120	
Boron	ug/L	1000	1040	104	80-120	
Cadmium	ug/L	1000	992	99	80-120	
Calcium	ug/L	10000	10500	105	80-120	
Chromium	ug/L	1000	1040	104	80-120	
Iron	ug/L	10000	9750	98	80-120	
Lead	ug/L	1000	971	97	80-120	
Lithium	ug/L	1000	1030	103	80-120	
Magnesium	ug/L	10000	10500	105	80-120	
Manganese	ug/L	1000	991	99	80-120	
Molybdenum	ug/L	1000	983	98	80-120	
Potassium	ug/L	10000	10200	102	80-120	
Sodium	ug/L	10000	10300	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885819 3885820

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	ug/L	56.1	1000	1000	1040	1050	99	99	75-125	0	20	
Boron	ug/L	ND	1000	1000	1140	1160	106	107	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885819 3885820

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cadmium	ug/L	ND	1000	1000	954	1020	95	102	75-125	6	20	
Calcium	ug/L	118000	10000	10000	128000	128000	96	105	75-125	1	20	
Chromium	ug/L	ND	1000	1000	1040	1050	104	105	75-125	0	20	
Iron	ug/L	ND	10000	10000	9710	9840	97	98	75-125	1	20	
Lead	ug/L	ND	1000	1000	907	964	91	96	75-125	6	20	
Lithium	ug/L	ND	1000	1000	1040	1040	103	103	75-125	0	20	
Magnesium	ug/L	39700	10000	10000	49700	50400	101	108	75-125	1	20	
Manganese	ug/L	11.6	1000	1000	990	1000	98	99	75-125	1	20	
Molybdenum	ug/L	ND	1000	1000	946	1010	94	101	75-125	7	20	
Potassium	ug/L	ND	10000	10000	10600	10600	101	102	75-125	0	20	
Sodium	ug/L	5630	10000	10000	15000	14900	93	93	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 848690
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3887049 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Molybdenum, Dissolved	ug/L	ND	10.0	1.4	06/20/25 21:33	

LABORATORY CONTROL SAMPLE: 3887050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Molybdenum, Dissolved	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3887051 3887052

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Molybdenum, Dissolved	ug/L	ND	1000	1000	1020	1020	102	102	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 848326
QC Batch Method: EPA 200.2
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3885652 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	1.0	0.19	06/12/25 06:01	
Arsenic	ug/L	ND	1.0	0.080	06/12/25 06:01	
Beryllium	ug/L	ND	0.20	0.026	06/12/25 06:01	
Cobalt	ug/L	ND	1.0	0.045	06/12/25 06:01	
Selenium	ug/L	ND	1.0	0.26	06/12/25 06:01	
Thallium	ug/L	ND	1.0	0.052	06/12/25 06:01	

LABORATORY CONTROL SAMPLE: 3885653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	40	41.4	104	80-120	
Arsenic	ug/L	40	39.5	99	80-120	
Beryllium	ug/L	40	38.5	96	80-120	
Cobalt	ug/L	40	40.7	102	80-120	
Selenium	ug/L	40	40.8	102	80-120	
Thallium	ug/L	40	39.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885654 3885655

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	ND	40	40	42.3	42.3	106	106	75-125	0	20	
Arsenic	ug/L	3.3	40	40	43.0	42.8	99	99	75-125	0	20	
Beryllium	ug/L	ND	40	40	36.4	35.5	91	89	75-125	3	20	
Cobalt	ug/L	ND	40	40	37.6	37.5	94	93	75-125	0	20	
Selenium	ug/L	ND	40	40	37.7	38.5	94	96	75-125	2	20	
Thallium	ug/L	ND	40	40	40.3	40.1	101	100	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 849786
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3892355 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	10.0	10.0	06/18/25 17:49	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	10.0	10.0	06/18/25 17:49	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	10.0	10.0	06/18/25 17:49	

LABORATORY CONTROL SAMPLE: 3892356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	90-110	

SAMPLE DUPLICATE: 3892357

Parameter	Units	50403932001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	333	336	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	333	336	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 3892358

Parameter	Units	50403777001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	349	353	1	20	
Alkalinity,Bicarbonate (CaCO3)	mg/L	349	353	1	20	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	ND		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 848283
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3885490 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	06/10/25 08:24	

LABORATORY CONTROL SAMPLE: 3885491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	271	90	80-120	

SAMPLE DUPLICATE: 3885492

Parameter	Units	50403827004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	532	539	1	10	

SAMPLE DUPLICATE: 3885493

Parameter	Units	50403777001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	760	740	3	10	

SAMPLE DUPLICATE: 3885494

Parameter	Units	50403932001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	480	472	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 849023
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50403989001

SAMPLE DUPLICATE: 3888857

Parameter	Units	50403827004 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.6	7.2	6	2	H3,R1

SAMPLE DUPLICATE: 3888858

Parameter	Units	50403932001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.5	7.3	2	2	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 848402
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3885891 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.10	0.013	06/10/25 15:27	

LABORATORY CONTROL SAMPLE: 3885892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	1.0	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3885893 3885894

Parameter	Units	50404044001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	ND	1	1	0.88	0.88	87	87	90-110	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 849771
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Dissolved Organic Carbon
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50403989001

METHOD BLANK: 3892293 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dissolved Organic Carbon	mg/L	ND	1.0	0.30	06/18/25 17:50	

LABORATORY CONTROL SAMPLE: 3892294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dissolved Organic Carbon	mg/L	10	9.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892295 3892296

Parameter	Units	50403932001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	1.9	10	10	11.1	11.0	92	91	80-120	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3892297 3892298

Parameter	Units	50403777001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dissolved Organic Carbon	mg/L	2.9	10	10	12.4	12.8	95	99	80-120	3	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Sample: MW-106I **Lab ID: 50403989001** Collected: 06/09/25 12:45 Received: 06/09/25 16:00 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.0533 ± 0.619 (1.17) C:NA T:93%**	pCi/L	07/07/25 16:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.481 ± 0.343 (0.664) C:95% T:87%**	pCi/L	07/03/25 14:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.534 ± 0.962 (1.83)**	pCi/L	07/09/25 09:00	7440-14-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 752764
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403989001

METHOD BLANK: 3667657 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.412 ± 0.380 (0.775) C:82% T:92%	pCi/L	07/03/25 14:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL - RADIOCHEMISTRY

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

QC Batch: 752763
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 50403989001

METHOD BLANK: 3667656 Matrix: Water
Associated Lab Samples: 50403989001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.356 ± 0.463 (0.774) C:NA T:94%	pCi/L	07/07/25 16:23	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harding Street May 2025 P1R2
Pace Project No.: 50403989

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50403989001	**MW-106I**	EPA 9056	849326		
50403989001	**MW-106I**	EPA 3010	848386	EPA 6010	848712
50403989001	**MW-106I**	EPA 3010	848690	EPA 6010	850309
50403989001	**MW-106I**	EPA 200.2	848326	EPA 6020	848721
50403989001	**MW-106I**	EPA 7470	849861	EPA 7470	850169
50403989001	**MW-106I**	EPA 903.1	752763		
50403989001	**MW-106I**	EPA 904.0	752764		
50403989001	**MW-106I**	Total Radium Calculation	756842		
50403989001	**MW-106I**	SM 2320B	849786		
50403989001	**MW-106I**	SM 2540C	848283		
50403989001	**MW-106I**	SM 4500-H+B	849023		
50403989001	**MW-106I**	EPA 353.2	848402		
50403989001	**MW-106I**	SM 5310C	849771		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 50403989

50403989

Company Name:	Atlas Indianapolis	Contact/Report To:	Mark Breting
Street Address:	7988 Centerpoint Drive Suite 100 Indianapolis, IN 46256	Phone #:	579-4082
		E-Mail:	mark.breting@oneatlas.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	Harding Street May 2025 P1R2	Invoice To:	Accounts Payable
		Invoice E-Mail:	paula.sedam@atcgs.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	Indiana

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	353.2 Nitrate unpres; 4500H+ pH; 9056 Cl/F/SO4	5310C Dissolved Organic Carbon	6010 MET ICP, Dissolved Mo	6010 MET ICP; 6020 MET ICPMS; 7470 Mercury	RAD 226/228 + SUM to Pace PA				Sample Comment	Preservation non-conformance identified for sample.
MW-106I	GW	G	6/9/25	1245			8			X	X	X	X	X	X	X					

Lab Use Only
Proj. Mgr: **Amanda Gaines**
AcctNum / Client ID:
Table #:
Profile / Template: **10498/73**
Prelog / Bottle Ord. ID: **EZ 3249714**

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Please return samples on ice
Nitrate has a short 48 hour hold; please return/ship samples on the day of collection
6010: Ba/B/Cd/Cr/Fe/Pb/Mn/Mo/Ca/Mg/Na/K/Li
6020: Be/Co/As/Se/Sb/Tl

Collected By:
(Printed Name) Mohammed Bazbauit
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice
1	F	0.0	0.8	0.8	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Mohammed Bazbauit ATLAS	6/9/25 1600		6/9/25 1600
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEX [ ] UPS [ ] Other

Page: 6 of 7

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

F-IN-Q-290-rev.31, 10Apr2025

Pace

SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MM 1614 6.9.25

1. Thermometer: 1 2 3 4 5 6 7 8 9 A B C D E (F) G H I

2. Cooler Temperature(s): 0.3 | 0.2 | | | |
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

3. Was the PM notified of out of temp cooler?: Yes No
(leave blank if samples are in temp)

Cooler temp should be above freezing to 6°C

If the PM was contacted in the comments below please write how they instructed the project to proceed

3. Packing Material: Bubble Wrap Bubble Bags None Other (Plastic bag)

4. Ice Type: (Wet) Blue None

5. Courier: Fed Ex UPS (Client) Pace Now/Jett Other

6. Custody Seal on Cooler/Box Present: (Yes) No

(If yes)Seals Intact: (Yes) No (leave blank if no seals were present)

All discrepancies will be written out in the comments section below.

	Yes	No
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		✓
Short Hold Time Analysis (48 hours or less)? **Analysis:** NO2/NO3 JG 6/9/25	—	✓
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:	
Rush TAT Requested (4 days or less):	✓	
Custody Signatures Present?	✓	
Containers Intact?:	✓	
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	✓	

	Yes	No	N/A
All containers needing acid/base preservation have been pH CHECKED?: **Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.** **Circle:** **HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9)** Any non-conformance to pH recommendations will be noted on the container count form	✓		
Residual Chlorine Check (SVOC 625 Pest/PCB 608)	Present	Absent	N/A ✓
Residual Chlorine Check (Total/Amenable/Free Cyanide)			✓
Headspace in **VOA Vials** (>6mm): See Containter Count form for details	Present	Absent	No VOA Vials Sent ✓
Trip Blank Present?		✓	
Trip Blank Custody Seals?:			
Extra labels on Terracore Vials? (soils only)			

Comments:

COC PAGE ____ of ____

Sample Container Count

** Place a PINK dot on containers that are out of conformance **

COC Line Item	WGFU	WGKU BG1U	MeOH (only) SBS DI R	DG9H VG9H	VOA VIAL HS (>6mm)	VG9U DG9U	VG9T	AMBER GLASS: AG0U	AG1H	AG1U	AG3U	AG3S	AG3SF	AG3B	PLASTIC: BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	OTHER: CG3H	CG3F	Syringe Kit			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
																															HNO3 <2	H2SO4 <2	NaOH >10	NaOH/Zn Ac >9
1													1			2	1	2	1	1										✓	✓		
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	

Container Codes

Glass

DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic
DG9S	40mL H2SO4 amber vial	CG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic
DG9T	40mL Na Thio amber vial	CG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered
CG3F	250mL clear glass HCl, Field Filter	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic
BG1H	1L HCl clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic
BG1S	1L H2SO4 clear glass	AG3B	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic

Plastic

NT3U	Non Teflon 250mL unpreserved plastic
BP4U	125mL unpreserved plastic
BP4N	125mL HNO3 plastic
BP4S	125mL H2SO4 plastic

Miscellaneous

Syringe Kit	LL Cr+6 sampling kit
ZPLC	Ziploc Bag
R	Terracore Kit
SP5T	120mL Coliform Sodium Thiosulfate
GN	General Container
U	Summa Can (air sample)
WT	Water
SL	Solid
OL:	Oil
NAL	Non-aqueous liquid
WP	Wipe

APPENDIX C

Prediction Limits Backup Documentation

Appendix C.1.A– October 2024 Event – Shallow Zone
- Appendix C.1.A – False Positive and False Negative Rates
- Appendix C.1.A – Table C-1 Shallow Zone - Upgradient Data
- Appendix C.1.A – Table C-2 Shallow Zone - Downgradient Data
- Appendix C.1.A – Table C-3 Shallow Zone - Detection Frequencies
- Appendix C.1.A – Table C-4 Shallow Zone - Normality Test Results
- Appendix C.1.A – Table C-5 Shallow Zone - Prediction Limits
- Appendix C.1.A – Table C-6 Shallow Zone - Outlier Testing
- Appendix C.1.A – Table C-7 Shallow Zone - Historical Failure Data

Appendix C.1.B – October 2024 Event – Intermediate Zone
- Appendix C.1.B – False Positive and False Negative Rates
- Appendix C.1.B – Table C-1 Intermediate Zone - Upgradient Data
- Appendix C.1.B – Table C-2 Intermediate Zone - Downgradient Data
- Appendix C.1.B – Table C-3 Intermediate Zone - Detection Frequencies
- Appendix C.1.B – Table C-4 Intermediate Zone - Normality Test Results
- Appendix C.1.B – Table C-5 Intermediate Zone - Prediction Limits
- Appendix C.1.B – Table C-6 Intermediate Zone - Outlier Testing
- Appendix C.1.B – Table C-7 Intermediate Zone - Historical Failure Data

Appendix C.1.C – November 2024 Event – Deep Zone
- Appendix C.1.C – False Positive and False Negative Rates
- Appendix C.1.C – Table C-1 Deep Zone - Upgradient Data
- Appendix C.1.C – Table C-2 Deep Zone - Downgradient Data
- Appendix C.1.C – Table C-3 Deep Zone - Detection Frequencies
- Appendix C.1.C – Table C-4 Deep Zone - Normality Test Results
- Appendix C.1.C – Table C-5 Deep Zone - Prediction Limits
- Appendix C.1.C – Table C-6 Deep Zone - Outlier Testing
- Appendix C.1.C – Table C-7 Deep Zone - Historical Failure Data

Appendix C.2.A– May 2025 Event – Shallow Zone
- Appendix C.2.A – False Positive and False Negative Rates
- Appendix C.2.A – Table C-1 Shallow Zone - Upgradient Data
- Appendix C.2.A – Table C-2 Shallow Zone - Downgradient Data
- Appendix C.2.A – Table C-3 Shallow Zone - Detection Frequencies
- Appendix C.2.A – Table C-4 Shallow Zone - Normality Test Results
- Appendix C.2.A – Table C-5 Shallow Zone - Prediction Limits
- Appendix C.2.A – Table C-6 Shallow Zone - Outlier Testing

Appendix C.2.B – May 2025 Event – Intermediate Zone
Appendix C.2.B – False Positive and False Negative Rates
Appendix C.2.B – Table C-1 Intermediate Zone - Upgradient Data
Appendix C.2.B – Table C-2 Intermediate Zone - Downgradient Data
Appendix C.2.B – Table C-3 Intermediate Zone - Detection Frequencies
Appendix C.2.B – Table C-4 Intermediate Zone - Normality Test Results
Appendix C.2.B – Table C-5 Intermediate Zone - Prediction Limits
Appendix C.2.B – Table C-6 Intermediate Zone - Outlier Testing

Appendix C.2.C – May 2025 Event – Deep Zone
Appendix C.2.C – False Positive and False Negative Rates
Appendix C.2.C – Table C-1 Deep Zone - Upgradient Data
Appendix C.2.C – Table C-2 Deep Zone - Downgradient Data
Appendix C.2.C – Table C-3 Deep Zone - Detection Frequencies
Appendix C.2.C – Table C-4 Deep Zone - Normality Test Results
Appendix C.2.C – Table C-5 Deep Zone - Prediction Limits
Appendix C.2.C – Table C-6 Deep Zone - Outlier Testing

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

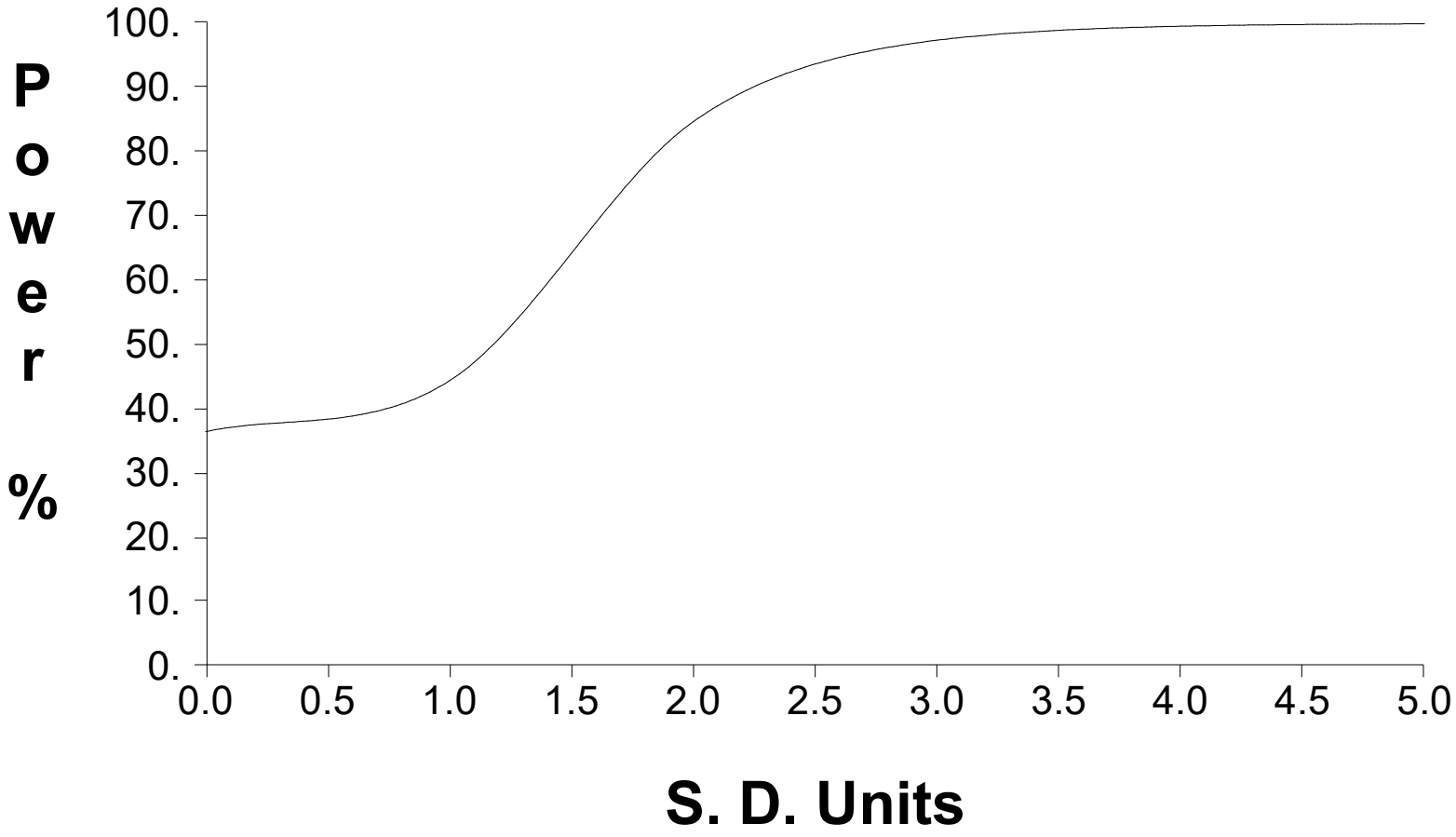


Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Antimony, Total	ug/L	MW-15S	09/18/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	09/18/2018		6.4000		
Arsenic, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Barium, Total	ug/L	MW-15S	09/18/2018		62.9000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Barium, Total	ug/L	MW-15S	11/29/2018		63.8000		
Barium, Total	ug/L	MW-15S	02/04/2019		54.5000		
Barium, Total	ug/L	MW-15S	03/25/2019		50.4000		
Barium, Total	ug/L	MW-15S	05/14/2019		42.8000		
Barium, Total	ug/L	MW-15S	07/24/2019		60.7000		
Barium, Total	ug/L	MW-15S	11/05/2019		69.4000		
Barium, Total	ug/L	MW-15S	01/29/2020		51.1000		
Barium, Total	ug/L	MW-15S	05/27/2020		55.8000		
Barium, Total	ug/L	MW-15S	11/03/2020		61.0000		
Barium, Total	ug/L	MW-15S	05/06/2021		51.8000		
Barium, Total	ug/L	MW-15S	11/03/2021		61.2000		
Barium, Total	ug/L	MW-15S	05/05/2022		49.0000		
Barium, Total	ug/L	MW-15S	11/11/2022		61.1000		
Barium, Total	ug/L	MW-15S	05/18/2023		48.6000		
Barium, Total	ug/L	MW-15S	05/10/2024		39.5000		
Beryllium, Total	ug/L	MW-15S	09/18/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	11/29/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	02/04/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	03/25/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/14/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	07/24/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	11/05/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	01/29/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/27/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	11/03/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/06/2021	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/05/2022	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/18/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/10/2024	ND	0.2000		
Cadmium, Total	ug/L	MW-15S	09/18/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/29/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	02/04/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	03/25/2019	ND	2.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Cadmium, Total	ug/L	MW-15S	05/14/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	07/24/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/05/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	01/29/2020	ND	1.0000	2.0000	**
Cadmium, Total	ug/L	MW-15S	05/27/2020	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/06/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/03/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/05/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/11/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/18/2023	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/10/2024	ND	2.0000		
Chromium, Total	ug/L	MW-15S	09/18/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/29/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15S	02/04/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	03/25/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/14/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	07/24/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/05/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	01/29/2020	ND	20.0000	10.0000	**
Chromium, Total	ug/L	MW-15S	05/27/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/03/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/06/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/03/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/05/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/11/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/18/2023	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/10/2024	ND	10.0000		
Cobalt, Total	ug/L	MW-15S	09/18/2018		2.3000		
Cobalt, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Cobalt, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Fluoride	mg/L	MW-15S	09/18/2018	ND	0.1000		
Fluoride	mg/L	MW-15S	11/29/2018		0.1200		
Fluoride	mg/L	MW-15S	02/04/2019		0.1100		
Fluoride	mg/L	MW-15S	03/25/2019		0.1200		
Fluoride	mg/L	MW-15S	05/14/2019		0.1000		
Fluoride	mg/L	MW-15S	07/24/2019	ND	0.1000		
Fluoride	mg/L	MW-15S	11/05/2019	ND	0.1000		
Fluoride	mg/L	MW-15S	01/29/2020		0.1100		
Fluoride	mg/L	MW-15S	05/27/2020		0.1100		
Fluoride	mg/L	MW-15S	11/03/2020	ND	0.1000		
Fluoride	mg/L	MW-15S	05/06/2021	ND	0.1000		
Fluoride	mg/L	MW-15S	11/03/2021	ND	0.1000		
Fluoride	mg/L	MW-15S	05/05/2022		0.1200		
Fluoride	mg/L	MW-15S	11/11/2022		0.1400		
Fluoride	mg/L	MW-15S	05/18/2023		0.1100		
Fluoride	mg/L	MW-15S	05/10/2024		0.1300		
Lead, Total	ug/L	MW-15S	09/18/2018	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/29/2018	ND	10.0000		
Lead, Total	ug/L	MW-15S	02/04/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	03/25/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/14/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	07/24/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/05/2019	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Lead, Total	ug/L	MW-15S	01/29/2020	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/27/2020	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/03/2020	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/06/2021	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/03/2021	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/05/2022	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/11/2022	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/18/2023	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/10/2024	ND	10.0000		
Lithium, Total	ug/L	MW-15S	09/18/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/29/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15S	02/04/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	03/25/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/14/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	07/24/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/05/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	01/29/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/27/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/03/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/06/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/03/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/05/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/11/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/18/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/10/2024	ND	20.0000		
Mercury	ug/L	MW-15S	09/18/2018	ND	2.0000		
Mercury	ug/L	MW-15S	11/29/2018	ND	2.0000		
Mercury	ug/L	MW-15S	02/04/2019	ND	2.0000		
Mercury	ug/L	MW-15S	03/25/2019	ND	2.0000		
Mercury	ug/L	MW-15S	05/14/2019	ND	2.0000		
Mercury	ug/L	MW-15S	07/24/2019	ND	2.0000		
Mercury	ug/L	MW-15S	11/05/2019	ND	2.0000		
Mercury	ug/L	MW-15S	01/29/2020	ND	0.2000	2.0000	**

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Mercury	ug/L	MW-15S	05/27/2020	ND	2.0000		
Mercury	ug/L	MW-15S	05/06/2021	ND	2.0000		
Mercury	ug/L	MW-15S	05/05/2022	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15S	05/18/2023	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15S	05/10/2024	ND	0.2000	2.0000	**
Molybdenum, Total	ug/L	MW-15S	09/18/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/29/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	02/04/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	03/25/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/14/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	07/24/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/05/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	01/29/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/27/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/03/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/06/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/03/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/05/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/11/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/18/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/10/2024	ND	10.0000		
Selenium, Total	ug/L	MW-15S	09/18/2018		1.3000		
Selenium, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Selenium, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	07/24/2019		1.1000		
Selenium, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Selenium, Total	ug/L	MW-15S	05/05/2022		1.1000		
Selenium, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/18/2023		1.3000		
Selenium, Total	ug/L	MW-15S	05/10/2024		1.2000		
Thallium, Total	ug/L	MW-15S	09/18/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Total Radium	pCi/L	MW-15S	09/18/2018		1.3200		
Total Radium	pCi/L	MW-15S	11/29/2018		0.6850		
Total Radium	pCi/L	MW-15S	02/04/2019	ND	0.4960	1.3200	**
Total Radium	pCi/L	MW-15S	03/25/2019		0.8850		
Total Radium	pCi/L	MW-15S	05/14/2019		1.0300		
Total Radium	pCi/L	MW-15S	07/24/2019		1.0300		
Total Radium	pCi/L	MW-15S	11/05/2019		0.7510		
Total Radium	pCi/L	MW-15S	01/29/2020	ND	1.2500	1.3200	**
Total Radium	pCi/L	MW-15S	05/27/2020	ND	1.3200		
Total Radium	pCi/L	MW-15S	11/03/2020	ND	1.2900	1.3200	**
Total Radium	pCi/L	MW-15S	05/06/2021	ND	1.3500	1.3200	**
Total Radium	pCi/L	MW-15S	11/03/2021	ND	2.0200	1.3200	**
Total Radium	pCi/L	MW-15S	05/05/2022		0.5950		
Total Radium	pCi/L	MW-15S	11/11/2022		1.0500		
Total Radium	pCi/L	MW-15S	05/18/2023	ND	1.4500	1.3200	**
Total Radium	pCi/L	MW-15S	05/10/2024	ND	1.6900	1.3200	**

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-10S	11/12/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-11S	11/19/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-12S	05/06/2022		2.0000	***	1.0000
Antimony, Total	ug/L	MW-13S	11/13/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-14D	11/18/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-1S	11/14/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-2D	11/11/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-2S	11/11/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-3S	05/07/2024		5.6000	***	1.0000
Antimony, Total	ug/L	MW-4S	05/04/2022	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-4SR	05/24/2023	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-5S	05/18/2023	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-6S	11/12/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-7S	11/13/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-8S	11/19/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-9S	11/09/2020		7.3000	***	1.0000
Antimony, Total	ug/L	MW-9SR	05/24/2023		1.8000	***	1.0000
Arsenic, Total	ug/L	MW-10S	11/12/2024		285.0000	***	6.4000
Arsenic, Total	ug/L	MW-11S	11/19/2024		3.5000		6.4000
Arsenic, Total	ug/L	MW-12S	05/06/2022		46.0000	***	6.4000
Arsenic, Total	ug/L	MW-13S	11/13/2024		296.0000	***	6.4000
Arsenic, Total	ug/L	MW-14D	11/18/2024		131.0000	***	6.4000
Arsenic, Total	ug/L	MW-1S	11/14/2024		6.7000	*	6.4000
Arsenic, Total	ug/L	MW-2D	11/11/2024		11.4000	***	6.4000
Arsenic, Total	ug/L	MW-2S	11/11/2024		12.1000	***	6.4000
Arsenic, Total	ug/L	MW-3S	05/07/2024	ND	1.0000		6.4000
Arsenic, Total	ug/L	MW-4S	05/04/2022		1.1000		6.4000
Arsenic, Total	ug/L	MW-4SR	05/24/2023	ND	1.0000		6.4000
Arsenic, Total	ug/L	MW-5S	05/18/2023	ND	1.0000		6.4000
Arsenic, Total	ug/L	MW-6S	11/12/2024		13.6000	***	6.4000
Arsenic, Total	ug/L	MW-7S	11/13/2024		399.0000	***	6.4000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-8S	11/19/2024	ND	1.0000		6.4000
Arsenic, Total	ug/L	MW-9S	11/09/2020	ND	1.0000		6.4000
Arsenic, Total	ug/L	MW-9SR	05/24/2023	ND	1.0000		6.4000
Barium, Total	ug/L	MW-10S	11/12/2024		35.9000	**	77.1551
Barium, Total	ug/L	MW-11S	11/19/2024		77.2000	***	77.1551
Barium, Total	ug/L	MW-12S	05/06/2022		31.1000		77.1551
Barium, Total	ug/L	MW-13S	11/13/2024		48.3000		77.1551
Barium, Total	ug/L	MW-14D	11/18/2024		35.0000		77.1551
Barium, Total	ug/L	MW-1S	11/14/2024		93.9000	*	77.1551
Barium, Total	ug/L	MW-2D	11/11/2024		40.1000		77.1551
Barium, Total	ug/L	MW-2S	11/11/2024		91.2000	*	77.1551
Barium, Total	ug/L	MW-3S	05/07/2024		54.5000		77.1551
Barium, Total	ug/L	MW-4S	05/04/2022		90.7000	***	77.1551
Barium, Total	ug/L	MW-4SR	05/24/2023		57.2000		77.1551
Barium, Total	ug/L	MW-5S	05/18/2023		48.4000		77.1551
Barium, Total	ug/L	MW-6S	11/12/2024		104.0000	***	77.1551
Barium, Total	ug/L	MW-7S	11/13/2024		37.2000		77.1551
Barium, Total	ug/L	MW-8S	11/19/2024		42.0000		77.1551
Barium, Total	ug/L	MW-9S	11/09/2020		52.0000		77.1551
Barium, Total	ug/L	MW-9SR	05/24/2023		39.1000		77.1551
Beryllium, Total	ug/L	MW-10S	05/21/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-11S	05/10/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-12S	05/06/2022	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-13S	05/03/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-14D	05/08/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-1S	05/06/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-2D	05/09/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-2S	05/09/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-3S	05/07/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-4S	05/04/2022	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-4SR	05/24/2023	ND	0.2000		0.2000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Beryllium, Total	ug/L	MW-5S	05/18/2023	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-6S	05/10/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-7S	05/08/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-8S	05/06/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-9S	11/09/2020	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-9SR	05/24/2023	ND	0.2000		0.2000
Cadmium, Total	ug/L	MW-10S	05/21/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-11S	05/10/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-12S	05/06/2022	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-13S	05/03/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-14D	05/08/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-1S	05/06/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-2D	05/09/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-2S	05/09/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-3S	05/07/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-4S	05/04/2022	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-4SR	05/24/2023	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-5S	05/18/2023	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-6S	05/10/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-7S	05/08/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-8S	05/06/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9S	05/29/2020	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9SR	05/24/2023	ND	2.0000		2.0000
Chromium, Total	ug/L	MW-10S	05/21/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-11S	05/10/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-12S	05/06/2022	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-13S	05/03/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-14D	05/08/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-1S	05/06/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-2D	05/09/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-2S	05/09/2024	ND	10.0000		10.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Chromium, Total	ug/L	MW-3S	05/07/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-4S	05/04/2022	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-4SR	05/24/2023	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-5S	05/18/2023	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-6S	05/10/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-7S	05/08/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-8S	05/06/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9S	11/09/2020	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9SR	05/24/2023	ND	10.0000		10.0000
Cobalt, Total	ug/L	MW-10S	11/12/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-11S	11/19/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-12S	05/06/2022	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-13S	11/13/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-14D	11/18/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-1S	11/14/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-2D	11/11/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-2S	11/11/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-3S	05/07/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-4S	05/04/2022	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-4SR	05/24/2023	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-5S	05/18/2023		1.1000		2.3000
Cobalt, Total	ug/L	MW-6S	11/12/2024		3.0000	*	2.3000
Cobalt, Total	ug/L	MW-7S	11/13/2024	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-8S	11/19/2024		1.1000		2.3000
Cobalt, Total	ug/L	MW-9S	11/09/2020	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-9SR	05/24/2023	ND	1.0000		2.3000
Fluoride	mg/L	MW-10S	11/12/2024		2.4000	***	0.1400
Fluoride	mg/L	MW-11S	11/19/2024		1.5000	***	0.1400
Fluoride	mg/L	MW-12S	05/06/2022		2.1000	***	0.1400
Fluoride	mg/L	MW-13S	11/13/2024		0.7200	***	0.1400
Fluoride	mg/L	MW-14D	11/18/2024		0.1900	***	0.1400

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-1S	11/14/2024		0.2900	***	0.1400
Fluoride	mg/L	MW-2D	11/11/2024		1.1000	***	0.1400
Fluoride	mg/L	MW-2S	11/11/2024		0.5700	***	0.1400
Fluoride	mg/L	MW-3S	05/07/2024		0.1300	**	0.1400
Fluoride	mg/L	MW-4S	05/04/2022	ND	0.1000		0.1400
Fluoride	mg/L	MW-4SR	05/24/2023		0.1000		0.1400
Fluoride	mg/L	MW-5S	05/18/2023		1.1000	***	0.1400
Fluoride	mg/L	MW-6S	11/12/2024		1.4000	***	0.1400
Fluoride	mg/L	MW-7S	11/13/2024		0.5400	***	0.1400
Fluoride	mg/L	MW-8S	11/19/2024		0.1200	**	0.1400
Fluoride	mg/L	MW-9S	11/09/2020		0.2100	*	0.1400
Fluoride	mg/L	MW-9SR	05/24/2023		0.6100	***	0.1400
Lead, Total	ug/L	MW-10S	05/21/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-11S	05/10/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-12S	05/06/2022	ND	10.0000		10.0000
Lead, Total	ug/L	MW-13S	05/03/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-14D	05/08/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-1S	05/06/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-2D	05/09/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-2S	05/09/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-3S	05/07/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-4S	05/04/2022	ND	10.0000		10.0000
Lead, Total	ug/L	MW-4SR	05/24/2023	ND	10.0000		10.0000
Lead, Total	ug/L	MW-5S	05/18/2023	ND	10.0000		10.0000
Lead, Total	ug/L	MW-6S	05/10/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-7S	05/08/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-8S	05/06/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9S	11/09/2020	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9SR	05/24/2023	ND	10.0000		10.0000
Lithium, Total	ug/L	MW-10S	11/12/2024		29.1000	***	20.0000
Lithium, Total	ug/L	MW-11S	11/19/2024	ND	20.0000		20.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-12S	05/06/2022		67.8000	***	20.0000
Lithium, Total	ug/L	MW-13S	11/13/2024		56.5000	***	20.0000
Lithium, Total	ug/L	MW-14D	11/18/2024		516.0000	***	20.0000
Lithium, Total	ug/L	MW-1S	11/14/2024	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2D	11/11/2024		53.6000	***	20.0000
Lithium, Total	ug/L	MW-2S	11/11/2024		28.8000	*	20.0000
Lithium, Total	ug/L	MW-3S	05/07/2024	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	05/04/2022	ND	20.0000	**	20.0000
Lithium, Total	ug/L	MW-4SR	05/24/2023	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-5S	05/18/2023		47.9000	***	20.0000
Lithium, Total	ug/L	MW-6S	11/12/2024		52.4000	***	20.0000
Lithium, Total	ug/L	MW-7S	11/13/2024		65.6000	***	20.0000
Lithium, Total	ug/L	MW-8S	11/19/2024		101.0000	***	20.0000
Lithium, Total	ug/L	MW-9S	11/09/2020		72.7000	***	20.0000
Lithium, Total	ug/L	MW-9SR	05/24/2023		61.5000	***	20.0000
Mercury	ug/L	MW-10S	05/21/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-11S	05/10/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-12S	05/06/2022	ND	0.2000		2.0000
Mercury	ug/L	MW-13S	05/03/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-14D	05/08/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-1S	05/06/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-2D	05/09/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-2S	05/09/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-3S	05/07/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-4S	05/04/2022	ND	0.2000		2.0000
Mercury	ug/L	MW-4SR	05/24/2023	ND	0.2000		2.0000
Mercury	ug/L	MW-5S	05/18/2023	ND	0.2000		2.0000
Mercury	ug/L	MW-6S	05/10/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-7S	05/08/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-8S	05/06/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-9S	05/29/2020	ND	2.0000		2.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Mercury	ug/L	MW-9SR	05/24/2023	ND	0.2000		2.0000
Molybdenum, Total	ug/L	MW-10S	11/12/2024		154.0000	***	10.0000
Molybdenum, Total	ug/L	MW-11S	11/19/2024		77.3000	***	10.0000
Molybdenum, Total	ug/L	MW-12S	05/06/2022		118.0000	***	10.0000
Molybdenum, Total	ug/L	MW-13S	11/13/2024		283.0000	***	10.0000
Molybdenum, Total	ug/L	MW-14D	11/18/2024		165.0000	***	10.0000
Molybdenum, Total	ug/L	MW-1S	11/14/2024		26.6000	***	10.0000
Molybdenum, Total	ug/L	MW-2D	11/11/2024		64.3000	***	10.0000
Molybdenum, Total	ug/L	MW-2S	11/11/2024		42.9000	***	10.0000
Molybdenum, Total	ug/L	MW-3S	05/07/2024		22.9000	***	10.0000
Molybdenum, Total	ug/L	MW-4S	05/04/2022	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-4SR	05/24/2023	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-5S	05/18/2023		56.6000	***	10.0000
Molybdenum, Total	ug/L	MW-6S	11/12/2024		187.0000	***	10.0000
Molybdenum, Total	ug/L	MW-7S	11/13/2024		371.0000	***	10.0000
Molybdenum, Total	ug/L	MW-8S	11/19/2024		152.0000	***	10.0000
Molybdenum, Total	ug/L	MW-9S	11/09/2020		201.0000	***	10.0000
Molybdenum, Total	ug/L	MW-9SR	05/24/2023		226.0000	***	10.0000
Selenium, Total	ug/L	MW-10S	11/12/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-11S	11/19/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-12S	05/06/2022		26.3000	***	1.3000
Selenium, Total	ug/L	MW-13S	11/13/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-14D	11/18/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-1S	11/14/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-2D	11/11/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-2S	11/11/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-3S	05/07/2024		42.8000	***	1.3000
Selenium, Total	ug/L	MW-4S	05/04/2022		119.0000	***	1.3000
Selenium, Total	ug/L	MW-4SR	05/24/2023		3.7000	***	1.3000
Selenium, Total	ug/L	MW-5S	05/18/2023	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-6S	11/12/2024	ND	1.0000	**	1.3000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Selenium, Total	ug/L	MW-7S	11/13/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	11/19/2024	ND	1.0000	**	1.3000
Selenium, Total	ug/L	MW-9S	11/09/2020		15.9000	***	1.3000
Selenium, Total	ug/L	MW-9SR	05/24/2023		28.4000	*	1.3000
Thallium, Total	ug/L	MW-10S	05/21/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-11S	05/10/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-12S	05/06/2022	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-13S	05/03/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-14D	05/08/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-1S	05/06/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-2D	05/09/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-2S	05/09/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-3S	05/07/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-4S	05/04/2022	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-4SR	05/24/2023	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-5S	05/18/2023	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-6S	05/10/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-7S	05/08/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-8S	05/06/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9S	05/29/2020	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9SR	05/24/2023	ND	1.0000		1.0000
Total Radium	pCi/L	MW-10S	11/12/2024	ND	2.1100		1.3200
Total Radium	pCi/L	MW-11S	11/19/2024		0.9100		1.3200
Total Radium	pCi/L	MW-12S	05/06/2022	ND	1.6700		1.3200
Total Radium	pCi/L	MW-13S	11/13/2024		2.4300	*	1.3200
Total Radium	pCi/L	MW-14D	11/18/2024		1.3200		1.3200
Total Radium	pCi/L	MW-1S	11/14/2024		3.0900	***	1.3200
Total Radium	pCi/L	MW-2D	05/09/2024		1.1700	**	1.3200
Total Radium	pCi/L	MW-2S	05/09/2024	ND	2.3100	**	1.3200
Total Radium	pCi/L	MW-3S	05/07/2024		1.0400		1.3200
Total Radium	pCi/L	MW-4S	05/04/2022	ND	1.4500		1.3200

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-4SR	05/24/2023	ND	2.2200		1.3200
Total Radium	pCi/L	MW-5S	05/18/2023		2.1700	***	1.3200
Total Radium	pCi/L	MW-6S	11/12/2024	ND	2.1900		1.3200
Total Radium	pCi/L	MW-7S	11/13/2024		3.7100	***	1.3200
Total Radium	pCi/L	MW-8S	11/19/2024	ND	2.1600		1.3200
Total Radium	pCi/L	MW-9S	11/09/2020	ND	1.8600	**	1.3200
Total Radium	pCi/L	MW-9SR	05/24/2023		1.0900	**	1.3200

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Antimony, Total	0	16	0.000	49	307	0.160
Arsenic, Total	1	16	0.063	206	306	0.673
Barium, Total	16	16	1.000	307	307	1.000
Beryllium, Total	0	14	0.000	2	257	0.008
Cadmium, Total	0	15	0.000	3	257	0.012
Chromium, Total	0	16	0.000	10	281	0.036
Cobalt, Total	1	16	0.063	32	292	0.110
Fluoride	10	16	0.625	302	322	0.938
Lead, Total	0	16	0.000	2	272	0.007
Lithium, Total	0	16	0.000	241	307	0.785
Mercury	0	13	0.000	0	226	0.000
Molybdenum, Total	0	16	0.000	290	307	0.945
Selenium, Total	5	16	0.313	59	307	0.192
Thallium, Total	0	13	0.000	0	232	0.000
Total Radium	8	16	0.500	242	303	0.799

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro-Wilk Multiple Group Test of Normality

Constituent	Detect	N	Detect Freq	G raw	G log	G cbrt	G sqrt	G sqr	G cub	Crit Value	Dist Form	Model Type
Antimony, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Arsenic, Total	1	16	0.063	4.567	4.567					2.326	non-norm	nonpar
Barium, Total	16	16	1.000	0.471	0.107					2.326	normal	normal
Beryllium, Total	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Cadmium, Total	0	15	0.000	4.373	4.373					2.326	non-norm	nonpar
Chromium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Cobalt, Total	1	16	0.063	4.567	4.567					2.326	non-norm	nonpar
Fluoride	10	16	0.625	2.583	2.454					2.326	non-norm	nonpar
Lead, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Lithium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Mercury	0	13	0.000	3.936	3.936					2.326	non-norm	nonpar
Molybdenum, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Selenium, Total	5	16	0.313	4.618	4.563					2.326	non-norm	nonpar
Thallium, Total	0	13	0.000	3.936	3.936					2.326	non-norm	nonpar
Total Radium	8	16	0.500	3.300	3.386					2.326	non-norm	nonpar

* - Distribution override for that constituent.
Fit to distribution is confirmed if G <= critical value.
Model type may not match distributional form when detection frequency < 50%.

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Detect	N	Mean	SD	alpha	Factor	Pred Limit	Type		Conf
Antimony, Total	ug/L	0	16					1.0000	nonpar	***	0.91
Arsenic, Total	ug/L	1	16					6.4000	nonpar		0.91
Barium, Total	ug/L	16	16	55.2250	8.1816	0.0100	2.6804	77.1551	normal		
Beryllium, Total	ug/L	0	14					0.2000	nonpar	***	0.89
Cadmium, Total	ug/L	0	15					2.0000	nonpar	***	0.90
Chromium, Total	ug/L	0	16					10.0000	nonpar	***	0.91
Cobalt, Total	ug/L	1	16					2.3000	nonpar		0.91
Fluoride	mg/L	10	16					0.1400	nonpar		0.91
Lead, Total	ug/L	0	16					10.0000	nonpar	***	0.91
Lithium, Total	ug/L	0	16					20.0000	nonpar	***	0.91
Mercury	ug/L	0	13					2.0000	nonpar	***	0.88
Molybdenum, Total	ug/L	0	16					10.0000	nonpar	***	0.91
Selenium, Total	ug/L	5	16					1.3000	nonpar		0.91
Thallium, Total	ug/L	0	13					1.0000	nonpar	***	0.88
Total Radium	pCi/L	8	16					1.3200	nonpar		0.91

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
* - Insufficient Data.
** - Calculated limit raised to Manual Reporting Limit.
*** - Nonparametric limit based on ND value.
For transformed data, mean and SD in transformed units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Dixon's Test Outliers
1% Significance Level

Constituent	Units	Well	Date	Result	ND Qualifier	Date Range	N	Critical Value

N = Total number of independent measurements in background at each well.
Date Range = Dates of the first and last measurements included in background at each well.
Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-12S	04/06/2016		6.0000	*	1.0000
Antimony, Total	ug/L	MW-12S	05/25/2016	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	08/09/2016	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	09/27/2016	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	11/29/2016	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	01/25/2017	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	05/23/2017		7.7000	*	1.0000
Antimony, Total	ug/L	MW-12S	08/08/2017	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	05/30/2018	ND	6.0000		1.0000
Antimony, Total	ug/L	MW-12S	09/17/2018		3.7000	*	1.0000
Antimony, Total	ug/L	MW-12S	05/16/2019		4.4000	*	1.0000
Antimony, Total	ug/L	MW-12S	05/29/2020		2.1000	*	1.0000
Antimony, Total	ug/L	MW-12S	11/05/2020		2.8000	*	1.0000
Antimony, Total	ug/L	MW-12S	11/01/2021		2.8000	*	1.0000
Antimony, Total	ug/L	MW-12S	05/06/2022		2.0000	*	1.0000
Antimony, Total	ug/L	MW-3S	04/05/2016		9.5000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/25/2016		8.5000	*	1.0000
Antimony, Total	ug/L	MW-3S	08/08/2016		8.9000	*	1.0000
Antimony, Total	ug/L	MW-3S	09/26/2016		10.0000	*	1.0000
Antimony, Total	ug/L	MW-3S	11/28/2016		8.5000	*	1.0000
Antimony, Total	ug/L	MW-3S	01/24/2017		6.4000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/22/2017		9.6000	*	1.0000
Antimony, Total	ug/L	MW-3S	08/07/2017		7.3000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/29/2018		8.9000	*	1.0000
Antimony, Total	ug/L	MW-3S	09/17/2018		9.1000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/14/2019		7.3000	*	1.0000
Antimony, Total	ug/L	MW-3S	11/05/2019		8.7000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/18/2020		7.1000	*	1.0000
Antimony, Total	ug/L	MW-3S	11/03/2020		7.7000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/03/2021		5.5000	*	1.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-3S	11/01/2021		7.3000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/02/2022		4.9000	*	1.0000
Antimony, Total	ug/L	MW-3S	01/19/2023		5.7000	*	1.0000
Antimony, Total	ug/L	MW-3S	03/24/2023		5.2000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/18/2023		4.7000	*	1.0000
Antimony, Total	ug/L	MW-3S	05/07/2024		5.6000	*	1.0000
Antimony, Total	ug/L	MW-9S	04/06/2016		14.9000	*	1.0000
Antimony, Total	ug/L	MW-9S	05/25/2016		14.4000	*	1.0000
Antimony, Total	ug/L	MW-9S	08/08/2016		13.0000	*	1.0000
Antimony, Total	ug/L	MW-9S	09/27/2016		14.1000	*	1.0000
Antimony, Total	ug/L	MW-9S	11/28/2016		11.9000	*	1.0000
Antimony, Total	ug/L	MW-9S	01/25/2017		12.5000	*	1.0000
Antimony, Total	ug/L	MW-9S	05/23/2017		12.6000	*	1.0000
Antimony, Total	ug/L	MW-9S	08/08/2017		8.0000	*	1.0000
Antimony, Total	ug/L	MW-9S	05/30/2018		11.5000	*	1.0000
Antimony, Total	ug/L	MW-9S	09/17/2018		11.5000	*	1.0000
Antimony, Total	ug/L	MW-9S	05/16/2019		9.2000	*	1.0000
Antimony, Total	ug/L	MW-9S	05/29/2020		8.8000	*	1.0000
Antimony, Total	ug/L	MW-9S	11/09/2020		7.3000	*	1.0000
Antimony, Total	ug/L	MW-9SR	01/31/2023		1.0000	**	1.0000
Antimony, Total	ug/L	MW-9SR	05/24/2023		1.8000	*	1.0000
Arsenic, Total	ug/L	MW-10S	04/06/2016		455.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/25/2016		440.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	08/09/2016		484.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	09/27/2016		492.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/29/2016		545.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	01/25/2017		507.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/23/2017		440.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	08/08/2017		494.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/30/2018		444.0000	*	6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-10S	09/18/2018		343.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/16/2019		349.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/05/2019		385.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/19/2020		358.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/05/2020		349.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/06/2021		413.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/02/2021		429.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/02/2022		448.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/03/2022		368.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/25/2023		401.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/08/2023		320.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	05/21/2024		283.0000	*	6.4000
Arsenic, Total	ug/L	MW-10S	11/12/2024		285.0000	*	6.4000
Arsenic, Total	ug/L	MW-12S	04/06/2016		15.6000	*	6.4000
Arsenic, Total	ug/L	MW-12S	05/25/2016		14.7000	*	6.4000
Arsenic, Total	ug/L	MW-12S	08/09/2016		15.5000	*	6.4000
Arsenic, Total	ug/L	MW-12S	09/27/2016		15.6000	*	6.4000
Arsenic, Total	ug/L	MW-12S	11/29/2016		14.4000	*	6.4000
Arsenic, Total	ug/L	MW-12S	01/25/2017		18.1000	*	6.4000
Arsenic, Total	ug/L	MW-12S	05/23/2017		19.4000	*	6.4000
Arsenic, Total	ug/L	MW-12S	08/08/2017		16.2000	*	6.4000
Arsenic, Total	ug/L	MW-12S	05/30/2018		43.5000	*	6.4000
Arsenic, Total	ug/L	MW-12S	09/17/2018		38.2000	*	6.4000
Arsenic, Total	ug/L	MW-12S	05/16/2019		30.0000	*	6.4000
Arsenic, Total	ug/L	MW-12S	05/29/2020		64.7000	*	6.4000
Arsenic, Total	ug/L	MW-12S	11/05/2020		46.9000	*	6.4000
Arsenic, Total	ug/L	MW-12S	11/01/2021		43.4000	*	6.4000
Arsenic, Total	ug/L	MW-12S	05/06/2022		46.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	04/06/2016		365.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/25/2016		369.0000	*	6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-13S	08/09/2016		376.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	09/27/2016		416.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/29/2016		426.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	01/25/2017		397.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/23/2017		386.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	08/08/2017		371.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/30/2018		375.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	09/18/2018		320.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/15/2019		324.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/07/2019		352.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/19/2020		311.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/05/2020		433.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/06/2021		321.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/02/2021		368.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/04/2022		312.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/01/2022		298.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/26/2023		328.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/09/2023		288.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	05/03/2024		319.0000	*	6.4000
Arsenic, Total	ug/L	MW-13S	11/13/2024		296.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	04/07/2016		89.1000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/26/2016		87.6000	*	6.4000
Arsenic, Total	ug/L	MW-14D	08/10/2016		86.5000	*	6.4000
Arsenic, Total	ug/L	MW-14D	09/28/2016		92.3000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/30/2016		103.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	01/26/2017		116.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/23/2017		124.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	08/09/2017		128.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/30/2018		147.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	09/17/2018		116.0000	*	6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-14D	05/15/2019		108.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/07/2019		111.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/26/2020		131.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/05/2020		105.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/05/2021		133.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/01/2021		113.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/11/2022		127.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/07/2022		109.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/18/2023		123.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/06/2023		112.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	05/08/2024		136.0000	*	6.4000
Arsenic, Total	ug/L	MW-14D	11/18/2024		131.0000	*	6.4000
Arsenic, Total	ug/L	MW-1S	04/07/2016		49.4000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/26/2016		22.8000	*	6.4000
Arsenic, Total	ug/L	MW-1S	08/09/2016		34.1000	*	6.4000
Arsenic, Total	ug/L	MW-1S	09/27/2016		10.6000	*	6.4000
Arsenic, Total	ug/L	MW-1S	11/29/2016	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-1S	01/26/2017		35.8000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/23/2017		23.3000	*	6.4000
Arsenic, Total	ug/L	MW-1S	08/09/2017		14.5000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/29/2018		168.0000	***	6.4000
Arsenic, Total	ug/L	MW-1S	09/17/2018		33.6000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/15/2019		13.5000	*	6.4000
Arsenic, Total	ug/L	MW-1S	11/07/2019		50.6000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/26/2020		12.4000	*	6.4000
Arsenic, Total	ug/L	MW-1S	11/06/2020		21.2000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/05/2021		24.6000	*	6.4000
Arsenic, Total	ug/L	MW-1S	11/03/2021		7.4000	*	6.4000
Arsenic, Total	ug/L	MW-1S	05/09/2022		9.6000	*	6.4000
Arsenic, Total	ug/L	MW-1S	11/09/2022		5.7000		6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-1S	05/23/2023		8.2000	*	6.4000
Arsenic, Total	ug/L	MW-1S	11/22/2023		5.9000		6.4000
Arsenic, Total	ug/L	MW-1S	05/06/2024		5.1000		6.4000
Arsenic, Total	ug/L	MW-1S	11/14/2024		6.7000	*	6.4000
Arsenic, Total	ug/L	MW-2D	04/05/2016	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	05/24/2016	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	08/08/2016	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	09/26/2016	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	11/28/2016	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	01/24/2017	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	05/22/2017	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	08/07/2017	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	05/29/2018	ND	10.0000		6.4000
Arsenic, Total	ug/L	MW-2D	09/17/2018		1.8000		6.4000
Arsenic, Total	ug/L	MW-2D	05/15/2019		2.2000		6.4000
Arsenic, Total	ug/L	MW-2D	11/05/2019		3.1000		6.4000
Arsenic, Total	ug/L	MW-2D	05/19/2020		1.9000		6.4000
Arsenic, Total	ug/L	MW-2D	11/04/2020		3.8000		6.4000
Arsenic, Total	ug/L	MW-2D	05/03/2021		2.5000		6.4000
Arsenic, Total	ug/L	MW-2D	11/01/2021		3.8000		6.4000
Arsenic, Total	ug/L	MW-2D	05/04/2022		4.0000		6.4000
Arsenic, Total	ug/L	MW-2D	11/08/2022		5.9000		6.4000
Arsenic, Total	ug/L	MW-2D	05/23/2023		4.3000		6.4000
Arsenic, Total	ug/L	MW-2D	11/27/2023		6.5000	*	6.4000
Arsenic, Total	ug/L	MW-2D	05/09/2024		11.6000	*	6.4000
Arsenic, Total	ug/L	MW-2D	11/11/2024		11.4000	*	6.4000
Arsenic, Total	ug/L	MW-2S	04/05/2016		26.5000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/24/2016		22.0000	*	6.4000
Arsenic, Total	ug/L	MW-2S	08/08/2016		27.3000	*	6.4000
Arsenic, Total	ug/L	MW-2S	09/26/2016		22.4000	*	6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-2S	11/28/2016		21.7000	*	6.4000
Arsenic, Total	ug/L	MW-2S	01/24/2017		17.3000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/22/2017		27.0000	*	6.4000
Arsenic, Total	ug/L	MW-2S	08/07/2017		19.8000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/29/2018		18.4000	*	6.4000
Arsenic, Total	ug/L	MW-2S	09/17/2018		14.6000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/14/2019		12.5000	*	6.4000
Arsenic, Total	ug/L	MW-2S	11/05/2019		14.6000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/19/2020		9.0000	*	6.4000
Arsenic, Total	ug/L	MW-2S	11/04/2020		16.4000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/03/2021		6.9000	*	6.4000
Arsenic, Total	ug/L	MW-2S	11/01/2021		28.9000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/04/2022		8.8000	*	6.4000
Arsenic, Total	ug/L	MW-2S	11/08/2022		14.9000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/23/2023		7.9000	*	6.4000
Arsenic, Total	ug/L	MW-2S	11/27/2023		12.7000	*	6.4000
Arsenic, Total	ug/L	MW-2S	05/09/2024		8.0000	*	6.4000
Arsenic, Total	ug/L	MW-2S	11/11/2024		12.1000	*	6.4000
Arsenic, Total	ug/L	MW-6S	04/06/2016		28.3000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/25/2016		23.0000	*	6.4000
Arsenic, Total	ug/L	MW-6S	08/09/2016		34.3000	*	6.4000
Arsenic, Total	ug/L	MW-6S	09/27/2016		30.0000	*	6.4000
Arsenic, Total	ug/L	MW-6S	11/29/2016		35.1000	*	6.4000
Arsenic, Total	ug/L	MW-6S	01/25/2017		11.6000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/23/2017		12.4000	*	6.4000
Arsenic, Total	ug/L	MW-6S	08/08/2017		11.2000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/30/2018		13.6000	*	6.4000
Arsenic, Total	ug/L	MW-6S	09/18/2018		15.5000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/14/2019		11.4000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/28/2020		23.8000	*	6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-6S	11/09/2020		39.2000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/05/2021		11.9000	*	6.4000
Arsenic, Total	ug/L	MW-6S	11/01/2021		11.8000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/04/2022		6.9000	*	6.4000
Arsenic, Total	ug/L	MW-6S	11/02/2022		13.0000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/25/2023		9.7000	*	6.4000
Arsenic, Total	ug/L	MW-6S	11/07/2023		17.0000	*	6.4000
Arsenic, Total	ug/L	MW-6S	05/10/2024		14.0000	*	6.4000
Arsenic, Total	ug/L	MW-6S	11/12/2024		13.6000	*	6.4000
Arsenic, Total	ug/L	MW-7S	04/06/2016		320.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/25/2016		353.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	08/09/2016		365.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	09/27/2016		352.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	11/29/2016		372.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	01/25/2017		352.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/23/2017		373.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	08/08/2017		359.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/30/2018		383.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	09/18/2018		317.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/15/2019		345.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	11/06/2019		439.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/27/2020		367.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	11/17/2020		462.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/06/2021		419.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	11/02/2021		376.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/04/2022		374.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	11/02/2022		388.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/26/2023		385.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	11/09/2023		379.0000	*	6.4000
Arsenic, Total	ug/L	MW-7S	05/08/2024		309.0000	*	6.4000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-7S	11/13/2024		399.0000	*	6.4000
Barium, Total	ug/L	MW-10S	04/06/2016		119.0000	*	77.1551
Barium, Total	ug/L	MW-10S	05/25/2016		62.7000		77.1551
Barium, Total	ug/L	MW-10S	08/09/2016		77.2000	*	77.1551
Barium, Total	ug/L	MW-10S	09/27/2016		72.6000		77.1551
Barium, Total	ug/L	MW-10S	11/29/2016		66.5000		77.1551
Barium, Total	ug/L	MW-10S	01/25/2017		77.0000		77.1551
Barium, Total	ug/L	MW-10S	05/23/2017		53.4000		77.1551
Barium, Total	ug/L	MW-10S	08/08/2017		71.4000		77.1551
Barium, Total	ug/L	MW-10S	05/30/2018		43.0000		77.1551
Barium, Total	ug/L	MW-10S	09/18/2018		54.2000		77.1551
Barium, Total	ug/L	MW-10S	05/16/2019		42.6000		77.1551
Barium, Total	ug/L	MW-10S	11/05/2019		51.1000		77.1551
Barium, Total	ug/L	MW-10S	05/19/2020		81.1000	*	77.1551
Barium, Total	ug/L	MW-10S	11/05/2020		46.8000		77.1551
Barium, Total	ug/L	MW-10S	05/06/2021		87.8000	*	77.1551
Barium, Total	ug/L	MW-10S	11/02/2021		73.3000		77.1551
Barium, Total	ug/L	MW-10S	05/02/2022		75.8000		77.1551
Barium, Total	ug/L	MW-10S	11/03/2022		72.4000		77.1551
Barium, Total	ug/L	MW-10S	05/25/2023		85.8000	*	77.1551
Barium, Total	ug/L	MW-10S	11/08/2023		53.7000		77.1551
Barium, Total	ug/L	MW-10S	05/21/2024		94.7000	*	77.1551
Barium, Total	ug/L	MW-10S	11/12/2024		35.9000		77.1551
Barium, Total	ug/L	MW-11S	04/07/2016		111.0000	*	77.1551
Barium, Total	ug/L	MW-11S	05/26/2016		101.0000	*	77.1551
Barium, Total	ug/L	MW-11S	08/10/2016		89.5000	*	77.1551
Barium, Total	ug/L	MW-11S	09/28/2016		81.2000	*	77.1551
Barium, Total	ug/L	MW-11S	11/30/2016		161.0000	*	77.1551
Barium, Total	ug/L	MW-11S	01/26/2017		86.1000	*	77.1551
Barium, Total	ug/L	MW-11S	05/24/2017		79.7000	*	77.1551

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-11S	08/09/2017		300.0000	*	77.1551
Barium, Total	ug/L	MW-11S	05/29/2018		168.0000	*	77.1551
Barium, Total	ug/L	MW-11S	09/14/2018		90.6000	*	77.1551
Barium, Total	ug/L	MW-11S	05/15/2019		81.1000	*	77.1551
Barium, Total	ug/L	MW-11S	11/07/2019		76.7000		77.1551
Barium, Total	ug/L	MW-11S	05/27/2020		304.0000	*	77.1551
Barium, Total	ug/L	MW-11S	11/05/2020		76.2000		77.1551
Barium, Total	ug/L	MW-11S	05/05/2021		75.1000		77.1551
Barium, Total	ug/L	MW-11S	11/01/2021		74.3000		77.1551
Barium, Total	ug/L	MW-11S	05/11/2022		175.0000	*	77.1551
Barium, Total	ug/L	MW-11S	11/08/2022		69.4000		77.1551
Barium, Total	ug/L	MW-11S	05/25/2023		74.3000		77.1551
Barium, Total	ug/L	MW-11S	11/08/2023		123.0000	*	77.1551
Barium, Total	ug/L	MW-11S	05/10/2024		79.9000	*	77.1551
Barium, Total	ug/L	MW-11S	11/19/2024		77.2000	*	77.1551
Barium, Total	ug/L	MW-1S	04/07/2016		100.0000	*	77.1551
Barium, Total	ug/L	MW-1S	05/26/2016		76.4000		77.1551
Barium, Total	ug/L	MW-1S	08/09/2016		97.3000	*	77.1551
Barium, Total	ug/L	MW-1S	09/27/2016		67.8000		77.1551
Barium, Total	ug/L	MW-1S	11/29/2016		43.3000		77.1551
Barium, Total	ug/L	MW-1S	01/26/2017		127.0000	*	77.1551
Barium, Total	ug/L	MW-1S	05/23/2017		72.5000		77.1551
Barium, Total	ug/L	MW-1S	08/09/2017		62.2000		77.1551
Barium, Total	ug/L	MW-1S	05/29/2018		279.0000	*	77.1551
Barium, Total	ug/L	MW-1S	09/17/2018		95.8000	*	77.1551
Barium, Total	ug/L	MW-1S	05/15/2019		63.5000		77.1551
Barium, Total	ug/L	MW-1S	11/07/2019		140.0000	*	77.1551
Barium, Total	ug/L	MW-1S	05/26/2020		69.8000		77.1551
Barium, Total	ug/L	MW-1S	11/06/2020		112.0000	*	77.1551
Barium, Total	ug/L	MW-1S	05/05/2021		125.0000	*	77.1551

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-1S	11/03/2021		64.8000		77.1551
Barium, Total	ug/L	MW-1S	05/09/2022		69.9000		77.1551
Barium, Total	ug/L	MW-1S	11/09/2022		57.7000		77.1551
Barium, Total	ug/L	MW-1S	05/23/2023		66.3000		77.1551
Barium, Total	ug/L	MW-1S	11/22/2023		76.1000		77.1551
Barium, Total	ug/L	MW-1S	05/06/2024		57.6000		77.1551
Barium, Total	ug/L	MW-1S	11/14/2024		93.9000	*	77.1551
Barium, Total	ug/L	MW-2S	04/05/2016		205.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/24/2016		158.0000	*	77.1551
Barium, Total	ug/L	MW-2S	08/08/2016		168.0000	*	77.1551
Barium, Total	ug/L	MW-2S	09/26/2016		180.0000	*	77.1551
Barium, Total	ug/L	MW-2S	11/28/2016		185.0000	*	77.1551
Barium, Total	ug/L	MW-2S	01/24/2017		97.4000	*	77.1551
Barium, Total	ug/L	MW-2S	05/22/2017		138.0000	*	77.1551
Barium, Total	ug/L	MW-2S	08/07/2017		127.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/29/2018		90.3000	*	77.1551
Barium, Total	ug/L	MW-2S	09/17/2018		86.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/14/2019		123.0000	*	77.1551
Barium, Total	ug/L	MW-2S	11/05/2019		195.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/19/2020		86.1000	*	77.1551
Barium, Total	ug/L	MW-2S	11/04/2020		137.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/03/2021		92.4000	*	77.1551
Barium, Total	ug/L	MW-2S	11/01/2021		103.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/04/2022		97.1000	*	77.1551
Barium, Total	ug/L	MW-2S	11/08/2022		230.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/23/2023		91.8000	*	77.1551
Barium, Total	ug/L	MW-2S	11/27/2023		121.0000	*	77.1551
Barium, Total	ug/L	MW-2S	05/09/2024		49.3000		77.1551
Barium, Total	ug/L	MW-2S	11/11/2024		91.2000	*	77.1551
Barium, Total	ug/L	MW-4S	04/05/2016		117.0000	*	77.1551

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-4S	05/25/2016		136.0000	*	77.1551
Barium, Total	ug/L	MW-4S	08/08/2016		140.0000	*	77.1551
Barium, Total	ug/L	MW-4S	09/26/2016		123.0000	*	77.1551
Barium, Total	ug/L	MW-4S	11/29/2016		128.0000	*	77.1551
Barium, Total	ug/L	MW-4S	01/24/2017		119.0000	*	77.1551
Barium, Total	ug/L	MW-4S	05/22/2017		70.3000		77.1551
Barium, Total	ug/L	MW-4S	08/07/2017		93.8000	*	77.1551
Barium, Total	ug/L	MW-4S	05/29/2018		49.4000		77.1551
Barium, Total	ug/L	MW-4S	09/14/2018		93.0000	*	77.1551
Barium, Total	ug/L	MW-4S	05/14/2019		60.0000		77.1551
Barium, Total	ug/L	MW-4S	06/05/2020		86.0000	*	77.1551
Barium, Total	ug/L	MW-4S	11/03/2020		113.0000	*	77.1551
Barium, Total	ug/L	MW-4S	11/01/2021		80.8000	*	77.1551
Barium, Total	ug/L	MW-4S	05/04/2022		90.7000	*	77.1551
Barium, Total	ug/L	MW-6S	04/06/2016		150.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/25/2016		112.0000	*	77.1551
Barium, Total	ug/L	MW-6S	08/09/2016		166.0000	*	77.1551
Barium, Total	ug/L	MW-6S	09/27/2016		160.0000	*	77.1551
Barium, Total	ug/L	MW-6S	11/29/2016		189.0000	*	77.1551
Barium, Total	ug/L	MW-6S	01/25/2017		105.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/23/2017		80.5000	*	77.1551
Barium, Total	ug/L	MW-6S	08/08/2017		80.6000	*	77.1551
Barium, Total	ug/L	MW-6S	05/30/2018		116.0000	*	77.1551
Barium, Total	ug/L	MW-6S	09/18/2018		132.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/14/2019		103.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/28/2020		141.0000	*	77.1551
Barium, Total	ug/L	MW-6S	11/09/2020		121.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/05/2021		113.0000	*	77.1551
Barium, Total	ug/L	MW-6S	11/01/2021		117.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/04/2022		132.0000	*	77.1551

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-6S	11/02/2022		91.4000	*	77.1551
Barium, Total	ug/L	MW-6S	05/25/2023		94.8000	*	77.1551
Barium, Total	ug/L	MW-6S	11/07/2023		107.0000	*	77.1551
Barium, Total	ug/L	MW-6S	05/10/2024		80.7000	*	77.1551
Barium, Total	ug/L	MW-6S	11/12/2024		104.0000	*	77.1551
Cobalt, Total	ug/L	MW-6S	04/06/2016	ND	10.0000		2.3000
Cobalt, Total	ug/L	MW-6S	05/25/2016	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	08/09/2016	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	09/27/2016	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	11/29/2016	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	01/25/2017	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	05/23/2017	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	08/08/2017	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	05/30/2018	ND	5.0000		2.3000
Cobalt, Total	ug/L	MW-6S	05/14/2019	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-6S	05/28/2020		2.4000	*	2.3000
Cobalt, Total	ug/L	MW-6S	11/09/2020		1.6000		2.3000
Cobalt, Total	ug/L	MW-6S	05/05/2021		1.8000		2.3000
Cobalt, Total	ug/L	MW-6S	11/01/2021		1.6000		2.3000
Cobalt, Total	ug/L	MW-6S	05/04/2022		1.5000		2.3000
Cobalt, Total	ug/L	MW-6S	11/02/2022		1.9000		2.3000
Cobalt, Total	ug/L	MW-6S	05/25/2023		2.1000		2.3000
Cobalt, Total	ug/L	MW-6S	11/07/2023		2.3000		2.3000
Cobalt, Total	ug/L	MW-6S	05/10/2024		2.1000		2.3000
Cobalt, Total	ug/L	MW-6S	11/12/2024		3.0000	*	2.3000
Fluoride	mg/L	MW-10S	04/06/2016		3.5000	*	0.1400
Fluoride	mg/L	MW-10S	05/25/2016		3.0000	*	0.1400
Fluoride	mg/L	MW-10S	08/09/2016		2.2000	*	0.1400
Fluoride	mg/L	MW-10S	09/27/2016		2.6000	*	0.1400
Fluoride	mg/L	MW-10S	11/29/2016		3.1000	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-10S	01/25/2017		2.7000	*	0.1400
Fluoride	mg/L	MW-10S	05/23/2017		2.4000	*	0.1400
Fluoride	mg/L	MW-10S	08/08/2017		2.1000	*	0.1400
Fluoride	mg/L	MW-10S	09/20/2017		1.8000	*	0.1400
Fluoride	mg/L	MW-10S	05/30/2018		2.2000	*	0.1400
Fluoride	mg/L	MW-10S	09/18/2018		2.7000	*	0.1400
Fluoride	mg/L	MW-10S	05/16/2019		2.5000	*	0.1400
Fluoride	mg/L	MW-10S	11/05/2019		2.1000	*	0.1400
Fluoride	mg/L	MW-10S	05/19/2020		2.0000	*	0.1400
Fluoride	mg/L	MW-10S	11/05/2020		2.4000	*	0.1400
Fluoride	mg/L	MW-10S	05/06/2021		2.5000	*	0.1400
Fluoride	mg/L	MW-10S	11/02/2021		2.5000	*	0.1400
Fluoride	mg/L	MW-10S	05/02/2022		2.6000	*	0.1400
Fluoride	mg/L	MW-10S	11/03/2022		3.0000	*	0.1400
Fluoride	mg/L	MW-10S	05/25/2023		2.7000	*	0.1400
Fluoride	mg/L	MW-10S	11/08/2023		3.1000	*	0.1400
Fluoride	mg/L	MW-10S	05/21/2024		2.7000	*	0.1400
Fluoride	mg/L	MW-10S	11/12/2024		2.4000	*	0.1400
Fluoride	mg/L	MW-11S	04/07/2016		1.2000	*	0.1400
Fluoride	mg/L	MW-11S	05/26/2016		1.3000	*	0.1400
Fluoride	mg/L	MW-11S	08/10/2016		1.4000	*	0.1400
Fluoride	mg/L	MW-11S	09/28/2016		1.5000	*	0.1400
Fluoride	mg/L	MW-11S	11/30/2016		1.5000	*	0.1400
Fluoride	mg/L	MW-11S	01/26/2017		1.6000	*	0.1400
Fluoride	mg/L	MW-11S	05/24/2017		1.5000	*	0.1400
Fluoride	mg/L	MW-11S	08/09/2017		1.5000	*	0.1400
Fluoride	mg/L	MW-11S	09/20/2017		1.6000	*	0.1400
Fluoride	mg/L	MW-11S	05/29/2018		1.5000	*	0.1400
Fluoride	mg/L	MW-11S	09/14/2018		1.4000	*	0.1400
Fluoride	mg/L	MW-11S	05/15/2019		1.4000	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-11S	11/07/2019		1.4000	*	0.1400
Fluoride	mg/L	MW-11S	05/27/2020		1.6000	*	0.1400
Fluoride	mg/L	MW-11S	11/05/2020		1.6000	*	0.1400
Fluoride	mg/L	MW-11S	05/05/2021		1.4000	*	0.1400
Fluoride	mg/L	MW-11S	11/01/2021		1.4000	*	0.1400
Fluoride	mg/L	MW-11S	05/11/2022		1.8000	*	0.1400
Fluoride	mg/L	MW-11S	11/08/2022		1.7000	*	0.1400
Fluoride	mg/L	MW-11S	05/25/2023		1.6000	*	0.1400
Fluoride	mg/L	MW-11S	11/08/2023		1.5000	*	0.1400
Fluoride	mg/L	MW-11S	05/10/2024		1.7000	*	0.1400
Fluoride	mg/L	MW-11S	11/19/2024		1.5000	*	0.1400
Fluoride	mg/L	MW-12S	04/06/2016		0.3500	*	0.1400
Fluoride	mg/L	MW-12S	05/25/2016		0.3700	*	0.1400
Fluoride	mg/L	MW-12S	08/09/2016		0.3800	*	0.1400
Fluoride	mg/L	MW-12S	09/27/2016		0.3800	*	0.1400
Fluoride	mg/L	MW-12S	11/29/2016		0.4200	*	0.1400
Fluoride	mg/L	MW-12S	01/25/2017		0.5200	*	0.1400
Fluoride	mg/L	MW-12S	05/23/2017		0.5100	*	0.1400
Fluoride	mg/L	MW-12S	08/08/2017		0.5700	*	0.1400
Fluoride	mg/L	MW-12S	09/20/2017		0.7500	*	0.1400
Fluoride	mg/L	MW-12S	05/30/2018		1.8000	*	0.1400
Fluoride	mg/L	MW-12S	09/17/2018		1.7000	*	0.1400
Fluoride	mg/L	MW-12S	05/16/2019		1.5000	*	0.1400
Fluoride	mg/L	MW-12S	05/29/2020		1.8000	*	0.1400
Fluoride	mg/L	MW-12S	11/05/2020		1.8000	*	0.1400
Fluoride	mg/L	MW-12S	11/01/2021		1.8000	*	0.1400
Fluoride	mg/L	MW-12S	05/06/2022		2.1000	*	0.1400
Fluoride	mg/L	MW-13S	04/06/2016		0.5200	*	0.1400
Fluoride	mg/L	MW-13S	05/25/2016		0.5200	*	0.1400
Fluoride	mg/L	MW-13S	08/09/2016		0.4900	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-13S	09/27/2016		0.5200	*	0.1400
Fluoride	mg/L	MW-13S	11/29/2016		0.5500	*	0.1400
Fluoride	mg/L	MW-13S	01/25/2017		0.5700	*	0.1400
Fluoride	mg/L	MW-13S	05/23/2017		0.6300	*	0.1400
Fluoride	mg/L	MW-13S	08/08/2017		0.7200	*	0.1400
Fluoride	mg/L	MW-13S	09/20/2017		0.6500	*	0.1400
Fluoride	mg/L	MW-13S	05/30/2018		0.8600	*	0.1400
Fluoride	mg/L	MW-13S	09/18/2018		0.8800	*	0.1400
Fluoride	mg/L	MW-13S	05/15/2019		0.8300	*	0.1400
Fluoride	mg/L	MW-13S	11/07/2019		0.7800	*	0.1400
Fluoride	mg/L	MW-13S	05/19/2020		0.9300	*	0.1400
Fluoride	mg/L	MW-13S	11/05/2020		0.9400	*	0.1400
Fluoride	mg/L	MW-13S	05/06/2021		0.9200	*	0.1400
Fluoride	mg/L	MW-13S	11/02/2021		0.8300	*	0.1400
Fluoride	mg/L	MW-13S	05/04/2022		1.1000	*	0.1400
Fluoride	mg/L	MW-13S	11/01/2022		0.9300	*	0.1400
Fluoride	mg/L	MW-13S	05/26/2023		0.9000	*	0.1400
Fluoride	mg/L	MW-13S	11/09/2023		0.8000	*	0.1400
Fluoride	mg/L	MW-13S	05/03/2024		0.7800	*	0.1400
Fluoride	mg/L	MW-13S	11/13/2024		0.7200	*	0.1400
Fluoride	mg/L	MW-14D	04/07/2016		0.3700	*	0.1400
Fluoride	mg/L	MW-14D	05/26/2016		0.3600	*	0.1400
Fluoride	mg/L	MW-14D	08/10/2016		0.3600	*	0.1400
Fluoride	mg/L	MW-14D	09/28/2016		0.3700	*	0.1400
Fluoride	mg/L	MW-14D	11/30/2016		0.3900	*	0.1400
Fluoride	mg/L	MW-14D	01/26/2017		0.3100	*	0.1400
Fluoride	mg/L	MW-14D	05/23/2017		0.3400	*	0.1400
Fluoride	mg/L	MW-14D	08/09/2017		0.3400	*	0.1400
Fluoride	mg/L	MW-14D	09/20/2017		0.3400	*	0.1400
Fluoride	mg/L	MW-14D	05/30/2018		0.3200	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-14D	09/17/2018		0.2300	*	0.1400
Fluoride	mg/L	MW-14D	05/15/2019		0.2800	*	0.1400
Fluoride	mg/L	MW-14D	11/07/2019		0.2100	*	0.1400
Fluoride	mg/L	MW-14D	05/26/2020	ND	0.1000		0.1400
Fluoride	mg/L	MW-14D	11/05/2020		0.2600	*	0.1400
Fluoride	mg/L	MW-14D	05/05/2021	ND	0.1000		0.1400
Fluoride	mg/L	MW-14D	11/01/2021		0.2000	*	0.1400
Fluoride	mg/L	MW-14D	05/11/2022		0.3300	*	0.1400
Fluoride	mg/L	MW-14D	11/07/2022		0.2500	*	0.1400
Fluoride	mg/L	MW-14D	05/18/2023		0.2400	*	0.1400
Fluoride	mg/L	MW-14D	11/06/2023		0.2600	*	0.1400
Fluoride	mg/L	MW-14D	05/08/2024		0.2400	*	0.1400
Fluoride	mg/L	MW-14D	11/18/2024		0.1900	*	0.1400
Fluoride	mg/L	MW-1S	04/07/2016		0.5200	*	0.1400
Fluoride	mg/L	MW-1S	05/26/2016		0.5700	*	0.1400
Fluoride	mg/L	MW-1S	08/09/2016		0.4900	*	0.1400
Fluoride	mg/L	MW-1S	09/27/2016		0.5100	*	0.1400
Fluoride	mg/L	MW-1S	11/29/2016		0.5800	*	0.1400
Fluoride	mg/L	MW-1S	01/26/2017		0.6900	*	0.1400
Fluoride	mg/L	MW-1S	05/23/2017		0.6900	*	0.1400
Fluoride	mg/L	MW-1S	08/09/2017		0.7000	*	0.1400
Fluoride	mg/L	MW-1S	09/20/2017		0.6200	*	0.1400
Fluoride	mg/L	MW-1S	05/29/2018		0.6200	*	0.1400
Fluoride	mg/L	MW-1S	09/17/2018		0.6200	*	0.1400
Fluoride	mg/L	MW-1S	05/15/2019		0.5000	*	0.1400
Fluoride	mg/L	MW-1S	11/07/2019		0.4200	*	0.1400
Fluoride	mg/L	MW-1S	05/26/2020		0.3600	*	0.1400
Fluoride	mg/L	MW-1S	11/06/2020		0.3500	*	0.1400
Fluoride	mg/L	MW-1S	05/05/2021		0.2400	*	0.1400
Fluoride	mg/L	MW-1S	11/03/2021		0.3100	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-1S	05/09/2022		0.4100	*	0.1400
Fluoride	mg/L	MW-1S	11/09/2022		0.4700	*	0.1400
Fluoride	mg/L	MW-1S	05/23/2023		0.4600	*	0.1400
Fluoride	mg/L	MW-1S	11/22/2023		0.3200	*	0.1400
Fluoride	mg/L	MW-1S	05/06/2024		0.3500	*	0.1400
Fluoride	mg/L	MW-1S	11/14/2024		0.2900	*	0.1400
Fluoride	mg/L	MW-2D	04/05/2016		2.1000	*	0.1400
Fluoride	mg/L	MW-2D	05/24/2016		2.2000	*	0.1400
Fluoride	mg/L	MW-2D	08/08/2016		2.2000	*	0.1400
Fluoride	mg/L	MW-2D	09/26/2016		2.6000	*	0.1400
Fluoride	mg/L	MW-2D	11/28/2016		2.6000	*	0.1400
Fluoride	mg/L	MW-2D	01/24/2017		2.4000	*	0.1400
Fluoride	mg/L	MW-2D	05/22/2017		2.6000	*	0.1400
Fluoride	mg/L	MW-2D	08/07/2017		2.6000	*	0.1400
Fluoride	mg/L	MW-2D	09/20/2017		2.6000	*	0.1400
Fluoride	mg/L	MW-2D	05/29/2018		2.6000	*	0.1400
Fluoride	mg/L	MW-2D	09/17/2018		2.8000	*	0.1400
Fluoride	mg/L	MW-2D	05/15/2019		1.6000	*	0.1400
Fluoride	mg/L	MW-2D	11/05/2019		1.3000	*	0.1400
Fluoride	mg/L	MW-2D	05/19/2020		1.2000	*	0.1400
Fluoride	mg/L	MW-2D	11/04/2020		1.0000	*	0.1400
Fluoride	mg/L	MW-2D	05/03/2021		0.8700	*	0.1400
Fluoride	mg/L	MW-2D	11/01/2021		0.8600	*	0.1400
Fluoride	mg/L	MW-2D	05/04/2022		0.9500	*	0.1400
Fluoride	mg/L	MW-2D	11/08/2022		0.9400	*	0.1400
Fluoride	mg/L	MW-2D	05/23/2023		0.7300	*	0.1400
Fluoride	mg/L	MW-2D	11/27/2023		0.6800	*	0.1400
Fluoride	mg/L	MW-2D	05/09/2024		0.7800	*	0.1400
Fluoride	mg/L	MW-2D	11/11/2024		1.1000	*	0.1400
Fluoride	mg/L	MW-2S	04/05/2016		0.8400	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-2S	05/24/2016		1.1000	*	0.1400
Fluoride	mg/L	MW-2S	08/08/2016		1.2000	*	0.1400
Fluoride	mg/L	MW-2S	09/26/2016		1.8000	*	0.1400
Fluoride	mg/L	MW-2S	11/28/2016		1.3000	*	0.1400
Fluoride	mg/L	MW-2S	01/24/2017		2.4000	*	0.1400
Fluoride	mg/L	MW-2S	05/22/2017		1.4000	*	0.1400
Fluoride	mg/L	MW-2S	08/07/2017		1.8000	*	0.1400
Fluoride	mg/L	MW-2S	09/20/2017		1.6000	*	0.1400
Fluoride	mg/L	MW-2S	05/29/2018		1.1000	*	0.1400
Fluoride	mg/L	MW-2S	09/17/2018		1.8000	*	0.1400
Fluoride	mg/L	MW-2S	05/14/2019		0.9600	*	0.1400
Fluoride	mg/L	MW-2S	11/05/2019		0.7000	*	0.1400
Fluoride	mg/L	MW-2S	05/19/2020		0.5800	*	0.1400
Fluoride	mg/L	MW-2S	11/04/2020		0.2800	*	0.1400
Fluoride	mg/L	MW-2S	05/03/2021		0.4600	*	0.1400
Fluoride	mg/L	MW-2S	11/01/2021		0.5000	*	0.1400
Fluoride	mg/L	MW-2S	05/04/2022		0.3900	*	0.1400
Fluoride	mg/L	MW-2S	11/08/2022		0.2900	*	0.1400
Fluoride	mg/L	MW-2S	05/23/2023		0.3000	*	0.1400
Fluoride	mg/L	MW-2S	11/27/2023		0.2300	*	0.1400
Fluoride	mg/L	MW-2S	05/09/2024		0.5900	*	0.1400
Fluoride	mg/L	MW-2S	11/11/2024		0.5700	*	0.1400
Fluoride	mg/L	MW-3S	04/05/2016		1.9000	*	0.1400
Fluoride	mg/L	MW-3S	05/25/2016		1.8000	*	0.1400
Fluoride	mg/L	MW-3S	08/08/2016		1.4000	*	0.1400
Fluoride	mg/L	MW-3S	09/26/2016		1.0000	*	0.1400
Fluoride	mg/L	MW-3S	11/28/2016		1.3000	*	0.1400
Fluoride	mg/L	MW-3S	01/24/2017		1.2000	*	0.1400
Fluoride	mg/L	MW-3S	05/22/2017		0.7600	*	0.1400
Fluoride	mg/L	MW-3S	08/07/2017		0.8700	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-3S	09/20/2017		0.7700	*	0.1400
Fluoride	mg/L	MW-3S	05/29/2018		0.5200	*	0.1400
Fluoride	mg/L	MW-3S	09/17/2018		0.3500	*	0.1400
Fluoride	mg/L	MW-3S	05/14/2019		0.2700	*	0.1400
Fluoride	mg/L	MW-3S	11/05/2019		0.2400	*	0.1400
Fluoride	mg/L	MW-3S	05/18/2020		0.2600	*	0.1400
Fluoride	mg/L	MW-3S	11/03/2020		0.2100	*	0.1400
Fluoride	mg/L	MW-3S	05/03/2021		0.1700	*	0.1400
Fluoride	mg/L	MW-3S	11/01/2021		0.1400		0.1400
Fluoride	mg/L	MW-3S	05/02/2022	ND	0.1000		0.1400
Fluoride	mg/L	MW-3S	01/19/2023		0.1900	*	0.1400
Fluoride	mg/L	MW-3S	03/24/2023		0.1700	*	0.1400
Fluoride	mg/L	MW-3S	05/18/2023		0.1700	*	0.1400
Fluoride	mg/L	MW-3S	05/07/2024		0.1300		0.1400
Fluoride	mg/L	MW-5S	04/06/2016		4.0000	*	0.1400
Fluoride	mg/L	MW-5S	05/25/2016		4.0000	*	0.1400
Fluoride	mg/L	MW-5S	08/09/2016		3.5000	*	0.1400
Fluoride	mg/L	MW-5S	09/27/2016		3.4000	*	0.1400
Fluoride	mg/L	MW-5S	11/29/2016		3.4000	*	0.1400
Fluoride	mg/L	MW-5S	01/25/2017		3.4000	*	0.1400
Fluoride	mg/L	MW-5S	05/23/2017		3.4000	*	0.1400
Fluoride	mg/L	MW-5S	08/08/2017		3.4000	*	0.1400
Fluoride	mg/L	MW-5S	09/20/2017		3.4000	*	0.1400
Fluoride	mg/L	MW-5S	05/30/2018		2.6000	*	0.1400
Fluoride	mg/L	MW-5S	09/18/2018		3.0000	*	0.1400
Fluoride	mg/L	MW-5S	05/14/2019		2.5000	*	0.1400
Fluoride	mg/L	MW-5S	05/18/2020		2.4000	*	0.1400
Fluoride	mg/L	MW-5S	11/05/2020		2.3000	*	0.1400
Fluoride	mg/L	MW-5S	05/06/2021		1.7000	*	0.1400
Fluoride	mg/L	MW-5S	11/01/2021		1.9000	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-5S	05/04/2022		1.8000	*	0.1400
Fluoride	mg/L	MW-5S	11/11/2022		1.5000	*	0.1400
Fluoride	mg/L	MW-5S	05/18/2023		1.1000	*	0.1400
Fluoride	mg/L	MW-6S	04/06/2016		0.9300	*	0.1400
Fluoride	mg/L	MW-6S	05/25/2016		0.9400	*	0.1400
Fluoride	mg/L	MW-6S	08/09/2016		0.7600	*	0.1400
Fluoride	mg/L	MW-6S	09/27/2016		0.8400	*	0.1400
Fluoride	mg/L	MW-6S	11/29/2016		0.9100	*	0.1400
Fluoride	mg/L	MW-6S	01/25/2017		0.7400	*	0.1400
Fluoride	mg/L	MW-6S	05/23/2017		0.8300	*	0.1400
Fluoride	mg/L	MW-6S	08/08/2017		1.1000	*	0.1400
Fluoride	mg/L	MW-6S	09/20/2017		0.9300	*	0.1400
Fluoride	mg/L	MW-6S	05/30/2018		1.0000	*	0.1400
Fluoride	mg/L	MW-6S	09/18/2018		1.2000	*	0.1400
Fluoride	mg/L	MW-6S	05/14/2019		0.5500	*	0.1400
Fluoride	mg/L	MW-6S	05/28/2020		1.0000	*	0.1400
Fluoride	mg/L	MW-6S	11/09/2020		1.4000	*	0.1400
Fluoride	mg/L	MW-6S	05/05/2021		1.3000	*	0.1400
Fluoride	mg/L	MW-6S	11/01/2021		1.2000	*	0.1400
Fluoride	mg/L	MW-6S	05/04/2022		1.3000	*	0.1400
Fluoride	mg/L	MW-6S	11/02/2022		1.5000	*	0.1400
Fluoride	mg/L	MW-6S	05/25/2023		1.5000	*	0.1400
Fluoride	mg/L	MW-6S	11/07/2023		1.2000	*	0.1400
Fluoride	mg/L	MW-6S	05/10/2024		1.9000	*	0.1400
Fluoride	mg/L	MW-6S	11/12/2024		1.4000	*	0.1400
Fluoride	mg/L	MW-7S	04/06/2016		0.3400	*	0.1400
Fluoride	mg/L	MW-7S	05/25/2016		0.3800	*	0.1400
Fluoride	mg/L	MW-7S	08/09/2016		0.3400	*	0.1400
Fluoride	mg/L	MW-7S	09/27/2016		0.3600	*	0.1400
Fluoride	mg/L	MW-7S	11/29/2016		0.3600	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-7S	01/25/2017		0.3400	*	0.1400
Fluoride	mg/L	MW-7S	05/23/2017		0.3700	*	0.1400
Fluoride	mg/L	MW-7S	08/08/2017		0.4100	*	0.1400
Fluoride	mg/L	MW-7S	09/20/2017		0.4000	*	0.1400
Fluoride	mg/L	MW-7S	05/30/2018		0.4200	*	0.1400
Fluoride	mg/L	MW-7S	09/18/2018		0.4500	*	0.1400
Fluoride	mg/L	MW-7S	05/15/2019		0.5000	*	0.1400
Fluoride	mg/L	MW-7S	11/06/2019		0.4600	*	0.1400
Fluoride	mg/L	MW-7S	05/27/2020		0.5700	*	0.1400
Fluoride	mg/L	MW-7S	11/17/2020		0.5400	*	0.1400
Fluoride	mg/L	MW-7S	05/06/2021		0.5100	*	0.1400
Fluoride	mg/L	MW-7S	11/02/2021		0.5000	*	0.1400
Fluoride	mg/L	MW-7S	05/04/2022		0.7200	*	0.1400
Fluoride	mg/L	MW-7S	11/02/2022		0.5800	*	0.1400
Fluoride	mg/L	MW-7S	05/26/2023		0.6200	*	0.1400
Fluoride	mg/L	MW-7S	11/09/2023		0.5800	*	0.1400
Fluoride	mg/L	MW-7S	05/08/2024		0.6100	*	0.1400
Fluoride	mg/L	MW-7S	11/13/2024		0.5400	*	0.1400
Fluoride	mg/L	MW-8S	04/07/2016		0.1700	*	0.1400
Fluoride	mg/L	MW-8S	05/26/2016		0.2300	*	0.1400
Fluoride	mg/L	MW-8S	08/09/2016		0.2000	*	0.1400
Fluoride	mg/L	MW-8S	09/28/2016		0.2000	*	0.1400
Fluoride	mg/L	MW-8S	11/30/2016		0.2000	*	0.1400
Fluoride	mg/L	MW-8S	01/26/2017		0.1800	*	0.1400
Fluoride	mg/L	MW-8S	05/23/2017		0.1600	*	0.1400
Fluoride	mg/L	MW-8S	08/09/2017		0.1600	*	0.1400
Fluoride	mg/L	MW-8S	09/20/2017		0.1700	*	0.1400
Fluoride	mg/L	MW-8S	05/29/2018		0.1400		0.1400
Fluoride	mg/L	MW-8S	09/17/2018	ND	0.1000		0.1400
Fluoride	mg/L	MW-8S	05/15/2019		0.1700	*	0.1400

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-8S	11/07/2019		0.1300		0.1400
Fluoride	mg/L	MW-8S	05/26/2020		0.1100		0.1400
Fluoride	mg/L	MW-8S	11/09/2020		0.1500	*	0.1400
Fluoride	mg/L	MW-8S	05/05/2021	ND	0.1000		0.1400
Fluoride	mg/L	MW-8S	11/04/2021		0.1200		0.1400
Fluoride	mg/L	MW-8S	05/13/2022	ND	0.1000		0.1400
Fluoride	mg/L	MW-8S	11/08/2022		0.1600	*	0.1400
Fluoride	mg/L	MW-8S	05/23/2023		0.1700	*	0.1400
Fluoride	mg/L	MW-8S	11/10/2023		0.1000		0.1400
Fluoride	mg/L	MW-8S	05/06/2024		0.1500	*	0.1400
Fluoride	mg/L	MW-8S	11/19/2024		0.1200		0.1400
Fluoride	mg/L	MW-9S	04/06/2016	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	05/25/2016	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	08/08/2016	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	09/27/2016	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	11/28/2016		0.1500	*	0.1400
Fluoride	mg/L	MW-9S	01/25/2017		0.1000		0.1400
Fluoride	mg/L	MW-9S	05/23/2017	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	08/08/2017	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	09/20/2017	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	05/30/2018	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	09/17/2018	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	05/16/2019		0.1600	*	0.1400
Fluoride	mg/L	MW-9S	05/29/2020	ND	0.1000		0.1400
Fluoride	mg/L	MW-9S	11/09/2020		0.2100	*	0.1400
Fluoride	mg/L	MW-9SR	01/31/2023		0.5900	*	0.1400
Fluoride	mg/L	MW-9SR	05/24/2023		0.6100	*	0.1400
Lithium, Total	ug/L	MW-10S	04/06/2016		106.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/25/2016		94.9000	*	20.0000
Lithium, Total	ug/L	MW-10S	08/09/2016		98.6000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-10S	09/27/2016		79.3000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/29/2016		96.6000	*	20.0000
Lithium, Total	ug/L	MW-10S	01/25/2017		95.2000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/23/2017		72.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	08/08/2017		93.2000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/30/2018		57.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	09/18/2018		59.2000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/16/2019		69.5000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/05/2019		60.5000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/19/2020		75.8000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/05/2020		49.9000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/06/2021		45.3000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/02/2021		53.3000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/02/2022		40.8000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/03/2022		33.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/25/2023		33.7000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/08/2023		33.4000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/21/2024		46.7000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/12/2024		29.1000	*	20.0000
Lithium, Total	ug/L	MW-12S	04/06/2016		215.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	05/25/2016		196.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	08/09/2016		193.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	09/27/2016		176.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	11/29/2016		189.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	01/25/2017		158.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	05/23/2017		155.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	08/08/2017		160.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	05/30/2018		106.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	09/17/2018		116.0000	*	20.0000
Lithium, Total	ug/L	MW-12S	05/16/2019		127.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-12S	05/29/2020		97.5000	*	20.0000
Lithium, Total	ug/L	MW-12S	11/05/2020		84.6000	*	20.0000
Lithium, Total	ug/L	MW-12S	11/01/2021		73.2000	*	20.0000
Lithium, Total	ug/L	MW-12S	05/06/2022		67.8000	*	20.0000
Lithium, Total	ug/L	MW-13S	04/06/2016		89.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/25/2016		105.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	08/09/2016		116.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	09/27/2016		119.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/29/2016		148.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	01/25/2017		143.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/23/2017		116.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	08/08/2017		107.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/30/2018		91.4000	*	20.0000
Lithium, Total	ug/L	MW-13S	09/18/2018		84.6000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/15/2019		99.7000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/07/2019		75.1000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/19/2020		83.6000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/05/2020		69.3000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/06/2021		62.5000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/02/2021		73.3000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/04/2022		62.2000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/01/2022		63.0000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/26/2023		58.4000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/09/2023		57.1000	*	20.0000
Lithium, Total	ug/L	MW-13S	05/03/2024		60.4000	*	20.0000
Lithium, Total	ug/L	MW-13S	11/13/2024		56.5000	*	20.0000
Lithium, Total	ug/L	MW-14D	04/07/2016		526.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/26/2016		620.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	08/10/2016		358.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	09/28/2016		355.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-14D	11/30/2016		352.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	01/26/2017		520.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/23/2017		662.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	08/09/2017		541.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/30/2018		664.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	09/17/2018		610.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/15/2019		567.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	11/07/2019		479.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/26/2020		820.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	11/05/2020		445.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/05/2021		809.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	11/01/2021		751.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/11/2022		768.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	11/07/2022		545.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/18/2023		960.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	11/06/2023		666.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	05/08/2024		587.0000	*	20.0000
Lithium, Total	ug/L	MW-14D	11/18/2024		516.0000	*	20.0000
Lithium, Total	ug/L	MW-2D	04/05/2016		108.0000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/24/2016		105.0000	*	20.0000
Lithium, Total	ug/L	MW-2D	08/08/2016		103.0000	*	20.0000
Lithium, Total	ug/L	MW-2D	09/26/2016		77.8000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/28/2016		91.2000	*	20.0000
Lithium, Total	ug/L	MW-2D	01/24/2017		90.2000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/22/2017		73.3000	*	20.0000
Lithium, Total	ug/L	MW-2D	08/07/2017		87.8000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/29/2018		36.7000	*	20.0000
Lithium, Total	ug/L	MW-2D	09/17/2018		32.1000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/15/2019		45.2000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/05/2019		65.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-2D	05/19/2020		42.8000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/04/2020		55.4000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/03/2021		40.3000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/01/2021		56.1000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/04/2022		49.4000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/08/2022		54.8000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/23/2023		50.1000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/27/2023		45.2000	*	20.0000
Lithium, Total	ug/L	MW-2D	05/09/2024		34.9000	*	20.0000
Lithium, Total	ug/L	MW-2D	11/11/2024		53.6000	*	20.0000
Lithium, Total	ug/L	MW-2S	04/05/2016		112.0000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/24/2016		87.6000	*	20.0000
Lithium, Total	ug/L	MW-2S	08/08/2016		87.9000	*	20.0000
Lithium, Total	ug/L	MW-2S	09/26/2016		71.9000	*	20.0000
Lithium, Total	ug/L	MW-2S	11/28/2016		88.2000	*	20.0000
Lithium, Total	ug/L	MW-2S	01/24/2017		72.6000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/22/2017		60.6000	*	20.0000
Lithium, Total	ug/L	MW-2S	08/07/2017		75.2000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/29/2018		25.7000	*	20.0000
Lithium, Total	ug/L	MW-2S	09/17/2018		25.1000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/14/2019	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	11/05/2019		26.1000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/19/2020	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	11/04/2020		23.0000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/03/2021	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	11/01/2021	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	05/04/2022	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	11/08/2022		21.6000	*	20.0000
Lithium, Total	ug/L	MW-2S	05/23/2023	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	11/27/2023		32.3000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-2S	05/09/2024	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2S	11/11/2024		28.8000	*	20.0000
Lithium, Total	ug/L	MW-4S	04/05/2016		23.9000	*	20.0000
Lithium, Total	ug/L	MW-4S	05/25/2016		21.5000	*	20.0000
Lithium, Total	ug/L	MW-4S	08/08/2016		20.7000	*	20.0000
Lithium, Total	ug/L	MW-4S	09/26/2016	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	11/29/2016		25.4000	*	20.0000
Lithium, Total	ug/L	MW-4S	01/24/2017		20.9000	*	20.0000
Lithium, Total	ug/L	MW-4S	05/22/2017	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	08/07/2017		22.2000	*	20.0000
Lithium, Total	ug/L	MW-4S	05/29/2018	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	09/14/2018	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	05/14/2019	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	06/05/2020	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	11/03/2020	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4S	11/01/2021		23.4000	*	20.0000
Lithium, Total	ug/L	MW-4S	05/04/2022	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-5S	04/06/2016		89.6000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/25/2016		78.3000	*	20.0000
Lithium, Total	ug/L	MW-5S	08/09/2016		75.3000	*	20.0000
Lithium, Total	ug/L	MW-5S	09/27/2016		76.3000	*	20.0000
Lithium, Total	ug/L	MW-5S	11/29/2016		94.6000	*	20.0000
Lithium, Total	ug/L	MW-5S	01/25/2017		85.7000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/23/2017		57.4000	*	20.0000
Lithium, Total	ug/L	MW-5S	08/08/2017		63.9000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/30/2018		57.5000	*	20.0000
Lithium, Total	ug/L	MW-5S	09/18/2018		52.8000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/14/2019		59.9000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/18/2020		54.9000	*	20.0000
Lithium, Total	ug/L	MW-5S	11/05/2020		41.7000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-5S	05/06/2021		42.2000	*	20.0000
Lithium, Total	ug/L	MW-5S	11/01/2021		46.2000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/04/2022		46.5000	*	20.0000
Lithium, Total	ug/L	MW-5S	11/11/2022		44.7000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/18/2023		47.9000	*	20.0000
Lithium, Total	ug/L	MW-6S	04/06/2016		112.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/25/2016		99.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	08/09/2016		102.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	09/27/2016		89.1000	*	20.0000
Lithium, Total	ug/L	MW-6S	11/29/2016		101.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	01/25/2017		114.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/23/2017		99.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	08/08/2017		86.5000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/30/2018		75.8000	*	20.0000
Lithium, Total	ug/L	MW-6S	09/18/2018		58.4000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/14/2019		117.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/28/2020		84.5000	*	20.0000
Lithium, Total	ug/L	MW-6S	11/09/2020		61.9000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/05/2021		62.6000	*	20.0000
Lithium, Total	ug/L	MW-6S	11/01/2021		73.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/04/2022		71.2000	*	20.0000
Lithium, Total	ug/L	MW-6S	11/02/2022		48.7000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/25/2023		48.8000	*	20.0000
Lithium, Total	ug/L	MW-6S	11/07/2023		56.9000	*	20.0000
Lithium, Total	ug/L	MW-6S	05/10/2024		48.0000	*	20.0000
Lithium, Total	ug/L	MW-6S	11/12/2024		52.4000	*	20.0000
Lithium, Total	ug/L	MW-7S	04/06/2016		116.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/25/2016		110.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	08/09/2016		109.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	09/27/2016		101.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-7S	11/29/2016		128.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	01/25/2017		145.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/23/2017		135.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	08/08/2017		131.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/30/2018		103.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	09/18/2018		94.3000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/15/2019		106.0000	*	20.0000
Lithium, Total	ug/L	MW-7S	11/06/2019		89.8000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/27/2020		87.1000	*	20.0000
Lithium, Total	ug/L	MW-7S	11/17/2020		86.8000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/06/2021		81.7000	*	20.0000
Lithium, Total	ug/L	MW-7S	11/02/2021		85.8000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/04/2022		86.7000	*	20.0000
Lithium, Total	ug/L	MW-7S	11/02/2022		86.8000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/26/2023		79.2000	*	20.0000
Lithium, Total	ug/L	MW-7S	11/09/2023		73.5000	*	20.0000
Lithium, Total	ug/L	MW-7S	05/08/2024		83.3000	*	20.0000
Lithium, Total	ug/L	MW-7S	11/13/2024		65.6000	*	20.0000
Lithium, Total	ug/L	MW-8S	04/07/2016		182.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/26/2016		135.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	08/09/2016		204.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	09/28/2016		184.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/30/2016		184.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	01/26/2017		155.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/23/2017		94.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	08/09/2017		73.8000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/29/2018		132.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	09/17/2018		147.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/15/2019		124.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/07/2019		174.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-8S	05/26/2020		124.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/09/2020		188.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/05/2021		123.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/04/2021		137.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/13/2022		101.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/08/2022		169.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/23/2023		118.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/10/2023		137.0000	*	20.0000
Lithium, Total	ug/L	MW-8S	05/06/2024		78.9000	*	20.0000
Lithium, Total	ug/L	MW-8S	11/19/2024		101.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	04/06/2016		126.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	05/25/2016		110.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	08/08/2016		103.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	09/27/2016		84.9000	*	20.0000
Lithium, Total	ug/L	MW-9S	11/28/2016		116.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	01/25/2017		114.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	05/23/2017		86.7000	*	20.0000
Lithium, Total	ug/L	MW-9S	08/08/2017		90.6000	*	20.0000
Lithium, Total	ug/L	MW-9S	05/30/2018		93.3000	*	20.0000
Lithium, Total	ug/L	MW-9S	09/17/2018		89.4000	*	20.0000
Lithium, Total	ug/L	MW-9S	05/16/2019		70.3000	*	20.0000
Lithium, Total	ug/L	MW-9S	05/29/2020		86.0000	*	20.0000
Lithium, Total	ug/L	MW-9S	11/09/2020		72.7000	*	20.0000
Lithium, Total	ug/L	MW-9SR	01/31/2023		93.6000	*	20.0000
Lithium, Total	ug/L	MW-9SR	05/24/2023		61.5000	*	20.0000
Molybdenum, Total	ug/L	MW-10S	04/06/2016		324.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/25/2016		299.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	08/09/2016		279.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	09/27/2016		247.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/29/2016		241.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-10S	01/25/2017		200.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/23/2017		219.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	08/08/2017		166.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/30/2018		138.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	09/18/2018		117.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/16/2019		93.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/05/2019		93.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/19/2020		82.7000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/05/2020		77.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/06/2021		72.2000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/02/2021		71.2000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/02/2022		65.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/03/2022		69.6000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/25/2023		60.6000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/08/2023		162.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/21/2024		111.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/12/2024		154.0000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	04/07/2016		77.3000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/26/2016		81.5000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	08/10/2016		82.0000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	09/28/2016		80.7000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	11/30/2016		82.9000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	01/26/2017		83.4000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/24/2017		78.7000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	08/09/2017		73.5000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/29/2018		73.3000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	09/14/2018		74.4000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/15/2019		73.2000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	11/07/2019		75.9000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/27/2020		83.3000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-11S	11/05/2020		80.6000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/05/2021		77.6000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	11/01/2021		76.1000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/11/2022		82.5000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	11/08/2022		73.8000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/25/2023		77.9000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	11/08/2023		72.2000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	05/10/2024		67.4000	*	10.0000
Molybdenum, Total	ug/L	MW-11S	11/19/2024		77.3000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	04/06/2016		256.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	05/25/2016		274.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	08/09/2016		279.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	09/27/2016		265.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	11/29/2016		269.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	01/25/2017		227.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	05/23/2017		273.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	08/08/2017		283.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	05/30/2018		287.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	09/17/2018		294.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	05/16/2019		241.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	05/29/2020		198.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	11/05/2020		196.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	11/01/2021		144.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12S	05/06/2022		118.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	04/06/2016		577.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/25/2016		563.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	08/09/2016		552.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	09/27/2016		517.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/29/2016		517.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	01/25/2017		481.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-13S	05/23/2017		508.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	08/08/2017		511.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/30/2018		720.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	09/18/2018		770.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/15/2019		782.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/07/2019		809.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/19/2020		746.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/05/2020		722.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/06/2021		692.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/02/2021		553.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/04/2022		557.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/01/2022		544.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/26/2023		480.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/09/2023		350.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	05/03/2024		342.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13S	11/13/2024		283.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	04/07/2016		200.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/26/2016		187.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	08/10/2016		254.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	09/28/2016		242.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/30/2016		245.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	01/26/2017		219.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/23/2017		224.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	08/09/2017		200.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/30/2018		185.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	09/17/2018		185.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/15/2019		188.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/07/2019		267.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/26/2020		187.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/05/2020		259.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-14D	05/05/2021		218.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/01/2021		257.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/11/2022		203.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/07/2022		263.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/18/2023		216.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/06/2023		222.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	05/08/2024		198.0000	*	10.0000
Molybdenum, Total	ug/L	MW-14D	11/18/2024		165.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	04/07/2016		456.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/26/2016		309.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	08/09/2016		199.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	09/27/2016		167.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/29/2016		151.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	01/26/2017		247.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/23/2017		106.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	08/09/2017		88.6000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/29/2018		57.9000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	09/17/2018		51.8000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/15/2019		50.5000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/07/2019		28.9000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/26/2020		37.2000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/06/2020		25.4000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/05/2021		24.8000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/03/2021		28.1000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/09/2022		25.9000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/09/2022		18.8000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/23/2023		21.1000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/22/2023		19.7000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	05/06/2024		21.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1S	11/14/2024		26.6000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-2D	04/05/2016		289.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/24/2016		286.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	08/08/2016		273.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	09/26/2016		256.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/28/2016		279.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	01/24/2017		262.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/22/2017		263.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	08/07/2017		241.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/29/2018		250.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	09/17/2018		194.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/15/2019		106.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/05/2019		79.6000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/19/2020		89.3000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/04/2020		76.9000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/03/2021		56.3000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/01/2021		56.4000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/04/2022		52.8000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/08/2022		82.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/23/2023		65.4000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/27/2023		68.1000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	05/09/2024		63.6000	*	10.0000
Molybdenum, Total	ug/L	MW-2D	11/11/2024		64.3000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	04/05/2016		458.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/24/2016		352.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	08/08/2016		248.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	09/26/2016		179.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/28/2016		190.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	01/24/2017		214.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/22/2017		135.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	08/07/2017		141.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-2S	05/29/2018		78.3000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	09/17/2018		85.2000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/14/2019		36.7000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/05/2019		31.4000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/19/2020		27.8000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/04/2020		36.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/03/2021		35.0000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/01/2021		38.4000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/04/2022		15.5000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/08/2022		20.4000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/23/2023		18.8000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/27/2023		27.5000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	05/09/2024		57.4000	*	10.0000
Molybdenum, Total	ug/L	MW-2S	11/11/2024		42.9000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	04/05/2016		139.0000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/25/2016		124.0000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	08/08/2016		97.6000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	09/26/2016		77.7000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	11/28/2016		98.4000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	01/24/2017		88.9000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/22/2017		63.9000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	08/07/2017		64.3000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/29/2018		78.8000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	09/17/2018		52.2000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/14/2019		43.2000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	11/05/2019		41.6000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/18/2020		49.2000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	11/03/2020		40.6000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/03/2021		36.1000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	11/01/2021		46.7000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-3S	05/02/2022		32.9000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	01/19/2023		27.1000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	03/24/2023		27.4000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/18/2023		27.3000	*	10.0000
Molybdenum, Total	ug/L	MW-3S	05/07/2024		22.9000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	04/06/2016		251.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/25/2016		266.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	08/09/2016		266.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	09/27/2016		275.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	11/29/2016		321.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	01/25/2017		313.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/23/2017		319.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	08/08/2017		307.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/30/2018		265.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	09/18/2018		254.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/14/2019		231.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/18/2020		218.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	11/05/2020		182.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/06/2021		131.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	11/01/2021		152.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/04/2022		122.0000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	11/11/2022		92.1000	*	10.0000
Molybdenum, Total	ug/L	MW-5S	05/18/2023		56.6000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	04/06/2016		309.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/25/2016		261.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	08/09/2016		240.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	09/27/2016		226.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	11/29/2016		243.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	01/25/2017		166.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/23/2017		142.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-6S	08/08/2017		185.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/30/2018		150.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	09/18/2018		157.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/14/2019		65.6000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/28/2020		146.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	11/09/2020		211.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/05/2021		216.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	11/01/2021		186.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/04/2022		150.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	11/02/2022		211.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/25/2023		203.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	11/07/2023		215.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	05/10/2024		229.0000	*	10.0000
Molybdenum, Total	ug/L	MW-6S	11/12/2024		187.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	04/06/2016		435.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/25/2016		448.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	08/09/2016		477.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	09/27/2016		468.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/29/2016		486.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	01/25/2017		439.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/23/2017		429.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	08/08/2017		425.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/30/2018		528.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	09/18/2018		518.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/15/2019		575.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/06/2019		608.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/27/2020		705.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/17/2020		681.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/06/2021		676.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/02/2021		625.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-7S	05/04/2022		582.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/02/2022		605.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/26/2023		514.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/09/2023		457.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	05/08/2024		391.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7S	11/13/2024		371.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	04/07/2016		258.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/26/2016		210.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	08/09/2016		329.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	09/28/2016		331.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/30/2016		389.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	01/26/2017		294.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/23/2017		208.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	08/09/2017		150.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/29/2018		419.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	09/17/2018		311.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/15/2019		329.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/07/2019		530.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/26/2020		306.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/09/2020		532.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/05/2021		354.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/04/2021		270.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/13/2022		165.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/08/2022		386.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/23/2023		261.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/10/2023		253.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	05/06/2024		209.0000	*	10.0000
Molybdenum, Total	ug/L	MW-8S	11/19/2024		152.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	04/06/2016		519.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	05/25/2016		438.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-9S	08/08/2016		374.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	09/27/2016		344.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	11/28/2016		368.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	01/25/2017		290.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	05/23/2017		217.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	08/08/2017		191.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	05/30/2018		116.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	09/17/2018		98.4000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	05/16/2019		118.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	05/29/2020		93.9000	*	10.0000
Molybdenum, Total	ug/L	MW-9S	11/09/2020		201.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9SR	01/31/2023		238.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9SR	05/24/2023		226.0000	*	10.0000
Selenium, Total	ug/L	MW-12S	04/06/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	05/25/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	08/09/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	09/27/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	11/29/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	01/25/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	05/23/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	08/08/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	05/30/2018	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-12S	09/17/2018	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-12S	05/16/2019		1.4000	*	1.3000
Selenium, Total	ug/L	MW-12S	05/29/2020	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-12S	11/05/2020	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-12S	11/01/2021		10.7000	*	1.3000
Selenium, Total	ug/L	MW-12S	05/06/2022		26.3000	*	1.3000
Selenium, Total	ug/L	MW-3S	04/05/2016		11.1000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/25/2016		10.7000	*	1.3000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Selenium, Total	ug/L	MW-3S	08/08/2016		15.0000	*	1.3000
Selenium, Total	ug/L	MW-3S	09/26/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-3S	11/28/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-3S	01/24/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-3S	05/22/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-3S	08/07/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-3S	05/29/2018	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-3S	09/17/2018		3.4000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/14/2019		16.5000	*	1.3000
Selenium, Total	ug/L	MW-3S	11/05/2019	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-3S	05/18/2020		8.2000	*	1.3000
Selenium, Total	ug/L	MW-3S	11/03/2020		1.5000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/03/2021		9.5000	*	1.3000
Selenium, Total	ug/L	MW-3S	11/01/2021		3.6000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/02/2022		26.4000	*	1.3000
Selenium, Total	ug/L	MW-3S	01/19/2023		1.8000	*	1.3000
Selenium, Total	ug/L	MW-3S	03/24/2023		4.8000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/18/2023		8.6000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/07/2024		42.8000	*	1.3000
Selenium, Total	ug/L	MW-4S	04/05/2016		50.8000	*	1.3000
Selenium, Total	ug/L	MW-4S	05/25/2016		31.5000	*	1.3000
Selenium, Total	ug/L	MW-4S	08/08/2016		35.6000	*	1.3000
Selenium, Total	ug/L	MW-4S	09/26/2016		13.4000	*	1.3000
Selenium, Total	ug/L	MW-4S	11/29/2016		39.0000	*	1.3000
Selenium, Total	ug/L	MW-4S	01/24/2017		19.6000	*	1.3000
Selenium, Total	ug/L	MW-4S	05/22/2017		20.5000	*	1.3000
Selenium, Total	ug/L	MW-4S	08/07/2017		19.9000	*	1.3000
Selenium, Total	ug/L	MW-4S	05/29/2018	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-4S	09/14/2018		33.8000	*	1.3000
Selenium, Total	ug/L	MW-4S	05/14/2019		16.1000	*	1.3000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Selenium, Total	ug/L	MW-4S	06/05/2020		12.4000	*	1.3000
Selenium, Total	ug/L	MW-4S	11/03/2020		41.4000	*	1.3000
Selenium, Total	ug/L	MW-4S	11/01/2021		20.3000	*	1.3000
Selenium, Total	ug/L	MW-4S	05/04/2022		119.0000	*	1.3000
Selenium, Total	ug/L	MW-4SR	12/08/2022		6.1000	*	1.3000
Selenium, Total	ug/L	MW-4SR	01/19/2023		7.4000	*	1.3000
Selenium, Total	ug/L	MW-4SR	03/23/2023		2.4000	*	1.3000
Selenium, Total	ug/L	MW-4SR	05/24/2023		3.7000	*	1.3000
Selenium, Total	ug/L	MW-6S	04/06/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	05/25/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	08/09/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	09/27/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	11/29/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	01/25/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	05/23/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	08/08/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	05/30/2018	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-6S	09/18/2018		2.0000	*	1.3000
Selenium, Total	ug/L	MW-6S	05/14/2019		1.7000	*	1.3000
Selenium, Total	ug/L	MW-6S	05/28/2020		3.7000	*	1.3000
Selenium, Total	ug/L	MW-6S	11/09/2020	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-6S	05/05/2021		3.9000	*	1.3000
Selenium, Total	ug/L	MW-6S	11/01/2021		6.0000	*	1.3000
Selenium, Total	ug/L	MW-6S	05/04/2022		4.4000	*	1.3000
Selenium, Total	ug/L	MW-6S	11/02/2022	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-6S	05/25/2023		8.9000	*	1.3000
Selenium, Total	ug/L	MW-6S	11/07/2023	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-6S	05/10/2024		5.4000	*	1.3000
Selenium, Total	ug/L	MW-6S	11/12/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	04/07/2016	ND	10.0000		1.3000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Selenium, Total	ug/L	MW-8S	05/26/2016		11.0000	*	1.3000
Selenium, Total	ug/L	MW-8S	08/09/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	09/28/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	11/30/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	01/26/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/23/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	08/09/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/29/2018	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-8S	09/17/2018	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/15/2019		1.6000	*	1.3000
Selenium, Total	ug/L	MW-8S	11/07/2019	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/26/2020		2.4000	*	1.3000
Selenium, Total	ug/L	MW-8S	11/09/2020	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/05/2021		2.1000	*	1.3000
Selenium, Total	ug/L	MW-8S	11/04/2021		1.3000		1.3000
Selenium, Total	ug/L	MW-8S	05/13/2022		5.2000	*	1.3000
Selenium, Total	ug/L	MW-8S	11/08/2022	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/23/2023	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	11/10/2023	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/06/2024		3.2000	*	1.3000
Selenium, Total	ug/L	MW-8S	11/19/2024	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-9S	04/06/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	05/25/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	08/08/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	09/27/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	11/28/2016	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	01/25/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	05/23/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	08/08/2017	ND	10.0000		1.3000
Selenium, Total	ug/L	MW-9S	05/30/2018		146.0000	*	1.3000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Selenium, Total	ug/L	MW-9S	09/17/2018		66.0000	*	1.3000
Selenium, Total	ug/L	MW-9S	05/16/2019		2.0000	*	1.3000
Selenium, Total	ug/L	MW-9S	05/29/2020		120.0000	*	1.3000
Selenium, Total	ug/L	MW-9S	11/09/2020		15.9000	*	1.3000
Selenium, Total	ug/L	MW-9SR	01/31/2023		1.2000		1.3000
Selenium, Total	ug/L	MW-9SR	05/24/2023		28.4000	*	1.3000
Total Radium	pCi/L	MW-13S	04/06/2016		1.4800	*	1.3200
Total Radium	pCi/L	MW-13S	05/25/2016	ND	1.6600		1.3200
Total Radium	pCi/L	MW-13S	08/09/2016		1.5200	*	1.3200
Total Radium	pCi/L	MW-13S	09/27/2016		1.9000	*	1.3200
Total Radium	pCi/L	MW-13S	11/29/2016		1.3400	*	1.3200
Total Radium	pCi/L	MW-13S	01/25/2017		1.9700	*	1.3200
Total Radium	pCi/L	MW-13S	05/23/2017		1.6500	*	1.3200
Total Radium	pCi/L	MW-13S	08/08/2017		1.5000	*	1.3200
Total Radium	pCi/L	MW-13S	05/30/2018		0.6430		1.3200
Total Radium	pCi/L	MW-13S	09/18/2018		1.1600		1.3200
Total Radium	pCi/L	MW-13S	05/15/2019		1.3800	*	1.3200
Total Radium	pCi/L	MW-13S	11/07/2019		1.3300	*	1.3200
Total Radium	pCi/L	MW-13S	05/19/2020	ND	1.9400		1.3200
Total Radium	pCi/L	MW-13S	11/05/2020		1.8600	*	1.3200
Total Radium	pCi/L	MW-13S	05/06/2021		1.4100	*	1.3200
Total Radium	pCi/L	MW-13S	11/02/2021		2.0000	*	1.3200
Total Radium	pCi/L	MW-13S	05/04/2022	ND	1.4600		1.3200
Total Radium	pCi/L	MW-13S	11/01/2022		1.6100	*	1.3200
Total Radium	pCi/L	MW-13S	05/26/2023	ND	1.8000		1.3200
Total Radium	pCi/L	MW-13S	11/09/2023		0.8890		1.3200
Total Radium	pCi/L	MW-13S	05/03/2024		1.0800		1.3200
Total Radium	pCi/L	MW-13S	11/13/2024		2.4300	*	1.3200
Total Radium	pCi/L	MW-1S	04/07/2016		2.0400	*	1.3200
Total Radium	pCi/L	MW-1S	05/26/2016		1.5300	*	1.3200

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-1S	08/09/2016		4.2400	*	1.3200
Total Radium	pCi/L	MW-1S	09/27/2016		1.7500	*	1.3200
Total Radium	pCi/L	MW-1S	11/29/2016		1.3400	*	1.3200
Total Radium	pCi/L	MW-1S	01/26/2017		2.1400	*	1.3200
Total Radium	pCi/L	MW-1S	05/23/2017		2.4100	*	1.3200
Total Radium	pCi/L	MW-1S	08/09/2017		1.2400		1.3200
Total Radium	pCi/L	MW-1S	05/29/2018		4.8400	*	1.3200
Total Radium	pCi/L	MW-1S	09/17/2018		2.2700	*	1.3200
Total Radium	pCi/L	MW-1S	05/15/2019		1.7600	*	1.3200
Total Radium	pCi/L	MW-1S	11/07/2019		5.3800	*	1.3200
Total Radium	pCi/L	MW-1S	05/26/2020		0.9380		1.3200
Total Radium	pCi/L	MW-1S	11/06/2020		3.0800	*	1.3200
Total Radium	pCi/L	MW-1S	05/05/2021		3.5400	*	1.3200
Total Radium	pCi/L	MW-1S	11/03/2021		1.1100		1.3200
Total Radium	pCi/L	MW-1S	05/09/2022		0.9560		1.3200
Total Radium	pCi/L	MW-1S	11/09/2022		1.9500	*	1.3200
Total Radium	pCi/L	MW-1S	05/23/2023		1.2100		1.3200
Total Radium	pCi/L	MW-1S	11/22/2023		1.6300	*	1.3200
Total Radium	pCi/L	MW-1S	05/06/2024		2.0100	*	1.3200
Total Radium	pCi/L	MW-1S	11/14/2024		3.0900	*	1.3200
Total Radium	pCi/L	MW-2D	04/05/2016		1.4500	*	1.3200
Total Radium	pCi/L	MW-2D	05/24/2016		1.5300	*	1.3200
Total Radium	pCi/L	MW-2D	08/08/2016		1.1600		1.3200
Total Radium	pCi/L	MW-2D	09/26/2016		1.6300	*	1.3200
Total Radium	pCi/L	MW-2D	11/28/2016		0.7300		1.3200
Total Radium	pCi/L	MW-2D	01/24/2017		1.2900		1.3200
Total Radium	pCi/L	MW-2D	05/22/2017		1.4200	*	1.3200
Total Radium	pCi/L	MW-2D	08/07/2017		1.3700	*	1.3200
Total Radium	pCi/L	MW-2D	05/29/2018	ND	1.9000		1.3200
Total Radium	pCi/L	MW-2D	09/17/2018		1.8800	*	1.3200

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-2D	05/15/2019		1.8900	*	1.3200
Total Radium	pCi/L	MW-2D	11/05/2019		3.1500	*	1.3200
Total Radium	pCi/L	MW-2D	05/19/2020		1.8200	*	1.3200
Total Radium	pCi/L	MW-2D	11/04/2020		3.9600	*	1.3200
Total Radium	pCi/L	MW-2D	05/03/2021		1.8400	*	1.3200
Total Radium	pCi/L	MW-2D	11/01/2021		1.5800	*	1.3200
Total Radium	pCi/L	MW-2D	05/04/2022		1.8800	*	1.3200
Total Radium	pCi/L	MW-2D	11/08/2022		2.0400	*	1.3200
Total Radium	pCi/L	MW-2D	05/23/2023		1.7300	*	1.3200
Total Radium	pCi/L	MW-2D	11/27/2023		1.5300	*	1.3200
Total Radium	pCi/L	MW-2D	05/09/2024		1.1700		1.3200
Total Radium	pCi/L	MW-2S	04/05/2016		1.6900	*	1.3200
Total Radium	pCi/L	MW-2S	05/24/2016		2.2300	*	1.3200
Total Radium	pCi/L	MW-2S	08/08/2016		1.2300		1.3200
Total Radium	pCi/L	MW-2S	09/26/2016		0.9650		1.3200
Total Radium	pCi/L	MW-2S	11/28/2016		2.4400	*	1.3200
Total Radium	pCi/L	MW-2S	01/24/2017		0.9750		1.3200
Total Radium	pCi/L	MW-2S	05/22/2017		1.5000	*	1.3200
Total Radium	pCi/L	MW-2S	08/07/2017		1.3000		1.3200
Total Radium	pCi/L	MW-2S	05/29/2018		1.3800	*	1.3200
Total Radium	pCi/L	MW-2S	09/17/2018		1.1400		1.3200
Total Radium	pCi/L	MW-2S	05/14/2019		2.1200	*	1.3200
Total Radium	pCi/L	MW-2S	11/05/2019		2.6900	*	1.3200
Total Radium	pCi/L	MW-2S	05/19/2020		1.3600	*	1.3200
Total Radium	pCi/L	MW-2S	11/04/2020		4.4600	*	1.3200
Total Radium	pCi/L	MW-2S	05/03/2021		0.8270		1.3200
Total Radium	pCi/L	MW-2S	11/01/2021		2.2300	*	1.3200
Total Radium	pCi/L	MW-2S	05/04/2022		1.6700	*	1.3200
Total Radium	pCi/L	MW-2S	11/08/2022		3.0600	*	1.3200
Total Radium	pCi/L	MW-2S	05/23/2023		1.2800		1.3200

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-2S	11/27/2023		2.4700	*	1.3200
Total Radium	pCi/L	MW-2S	05/09/2024	ND	2.3100		1.3200
Total Radium	pCi/L	MW-5S	04/06/2016		1.4400	*	1.3200
Total Radium	pCi/L	MW-5S	05/25/2016		1.0900		1.3200
Total Radium	pCi/L	MW-5S	08/09/2016		1.2700		1.3200
Total Radium	pCi/L	MW-5S	09/27/2016		2.2900	*	1.3200
Total Radium	pCi/L	MW-5S	11/29/2016		1.2900		1.3200
Total Radium	pCi/L	MW-5S	01/25/2017		1.6300	*	1.3200
Total Radium	pCi/L	MW-5S	05/23/2017		1.3500	*	1.3200
Total Radium	pCi/L	MW-5S	08/08/2017		1.0300		1.3200
Total Radium	pCi/L	MW-5S	05/30/2018		1.3700	*	1.3200
Total Radium	pCi/L	MW-5S	09/18/2018		1.6700	*	1.3200
Total Radium	pCi/L	MW-5S	05/14/2019		1.4900	*	1.3200
Total Radium	pCi/L	MW-5S	05/18/2020		0.8640		1.3200
Total Radium	pCi/L	MW-5S	11/05/2020		1.1700		1.3200
Total Radium	pCi/L	MW-5S	05/06/2021		1.1800		1.3200
Total Radium	pCi/L	MW-5S	11/01/2021		1.0200		1.3200
Total Radium	pCi/L	MW-5S	05/04/2022		1.0100		1.3200
Total Radium	pCi/L	MW-5S	11/11/2022		1.3400	*	1.3200
Total Radium	pCi/L	MW-5S	05/18/2023		2.1700	*	1.3200
Total Radium	pCi/L	MW-7S	04/06/2016		0.9380		1.3200
Total Radium	pCi/L	MW-7S	05/25/2016		1.4600	*	1.3200
Total Radium	pCi/L	MW-7S	08/09/2016		0.7780		1.3200
Total Radium	pCi/L	MW-7S	09/27/2016		1.9900	*	1.3200
Total Radium	pCi/L	MW-7S	11/29/2016		1.6300	*	1.3200
Total Radium	pCi/L	MW-7S	01/25/2017	ND	2.3200		1.3200
Total Radium	pCi/L	MW-7S	05/23/2017		2.2700	*	1.3200
Total Radium	pCi/L	MW-7S	08/08/2017		1.4800	*	1.3200
Total Radium	pCi/L	MW-7S	05/30/2018		1.1600		1.3200
Total Radium	pCi/L	MW-7S	09/18/2018		1.9800	*	1.3200

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-7S	05/15/2019		1.8300	*	1.3200
Total Radium	pCi/L	MW-7S	11/06/2019		1.8700	*	1.3200
Total Radium	pCi/L	MW-7S	05/27/2020		0.9290		1.3200
Total Radium	pCi/L	MW-7S	11/17/2020		1.3700	*	1.3200
Total Radium	pCi/L	MW-7S	05/06/2021		1.5300	*	1.3200
Total Radium	pCi/L	MW-7S	11/02/2021	ND	2.1100		1.3200
Total Radium	pCi/L	MW-7S	05/04/2022		0.7890		1.3200
Total Radium	pCi/L	MW-7S	11/02/2022		1.3000		1.3200
Total Radium	pCi/L	MW-7S	05/26/2023		0.9230		1.3200
Total Radium	pCi/L	MW-7S	11/09/2023		1.2600		1.3200
Total Radium	pCi/L	MW-7S	05/08/2024		1.3500	*	1.3200
Total Radium	pCi/L	MW-7S	11/13/2024		3.7100	*	1.3200
Total Radium	pCi/L	MW-9S	04/06/2016		0.9460		1.3200
Total Radium	pCi/L	MW-9S	05/25/2016		0.9220		1.3200
Total Radium	pCi/L	MW-9S	08/08/2016	ND	1.5300		1.3200
Total Radium	pCi/L	MW-9S	09/27/2016		1.0400		1.3200
Total Radium	pCi/L	MW-9S	11/28/2016		1.1300		1.3200
Total Radium	pCi/L	MW-9S	01/25/2017		1.2200		1.3200
Total Radium	pCi/L	MW-9S	05/23/2017		0.9700		1.3200
Total Radium	pCi/L	MW-9S	08/08/2017		1.3900	*	1.3200
Total Radium	pCi/L	MW-9S	05/30/2018	ND	2.5900		1.3200
Total Radium	pCi/L	MW-9S	09/17/2018		1.9100	*	1.3200
Total Radium	pCi/L	MW-9S	05/16/2019		1.3400	*	1.3200
Total Radium	pCi/L	MW-9S	11/09/2020	ND	1.8600		1.3200
Total Radium	pCi/L	MW-9SR	01/31/2023		1.5300	*	1.3200
Total Radium	pCi/L	MW-9SR	05/24/2023		1.0900		1.3200

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

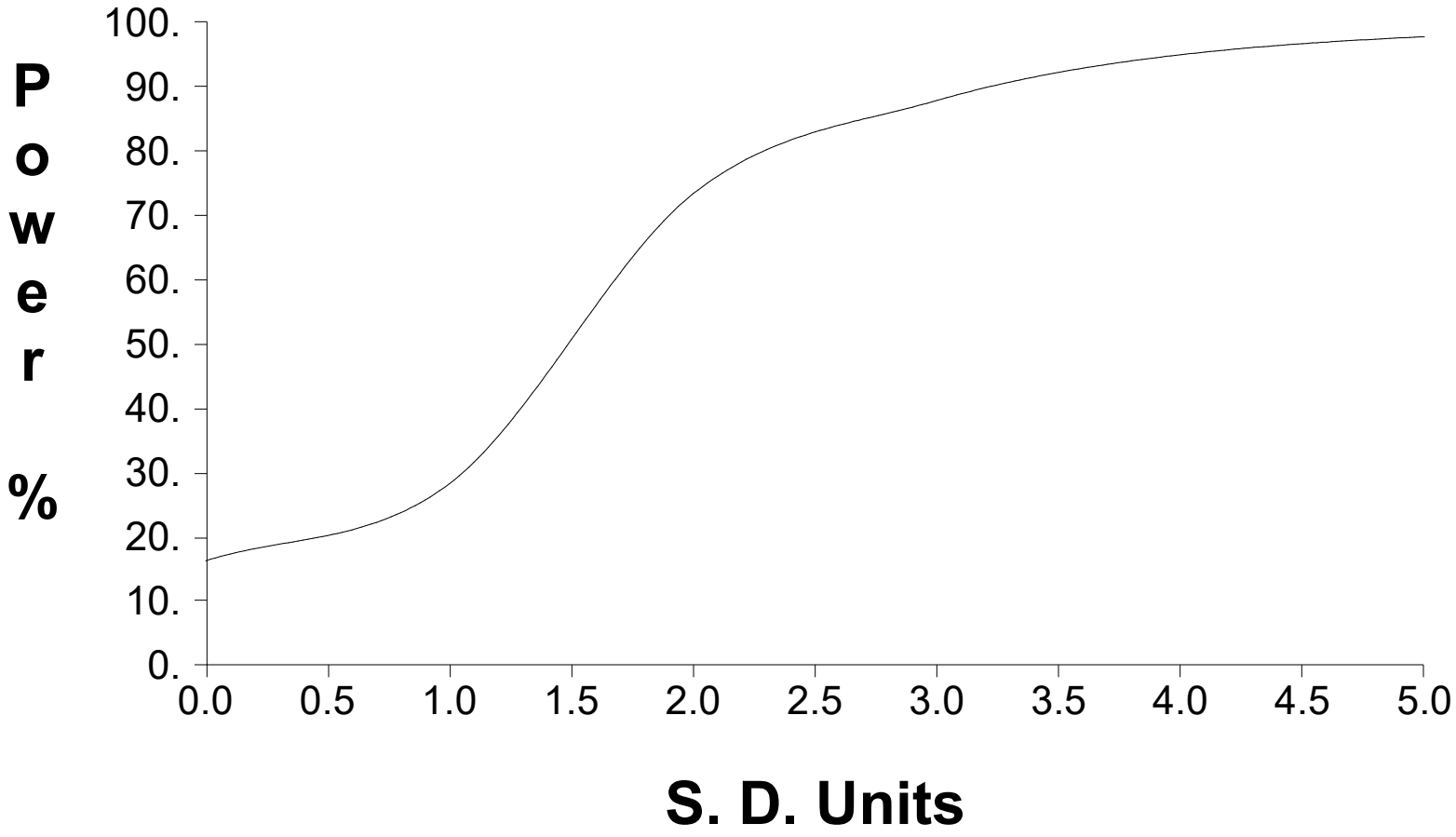


Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Antimony, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/03/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/03/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/03/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/10/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/15/2024	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/03/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/03/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/03/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Arsenic, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/10/2024	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/15/2024	ND	1.0000		
Barium, Total	ug/L	MW-15I	09/18/2018		62.1000		
Barium, Total	ug/L	MW-15I	11/29/2018		66.0000		
Barium, Total	ug/L	MW-15I	02/04/2019		77.1000		
Barium, Total	ug/L	MW-15I	03/25/2019		78.8000		
Barium, Total	ug/L	MW-15I	05/14/2019		78.1000		
Barium, Total	ug/L	MW-15I	07/24/2019		66.2000		
Barium, Total	ug/L	MW-15I	11/05/2019		59.0000		
Barium, Total	ug/L	MW-15I	01/29/2020		56.6000		
Barium, Total	ug/L	MW-15I	05/27/2020		72.8000		
Barium, Total	ug/L	MW-15I	11/03/2020		61.9000		
Barium, Total	ug/L	MW-15I	05/06/2021		67.4000		
Barium, Total	ug/L	MW-15I	11/03/2021		67.9000		
Barium, Total	ug/L	MW-15I	05/05/2022		56.0000		
Barium, Total	ug/L	MW-15I	11/03/2022		85.1000		
Barium, Total	ug/L	MW-15I	05/18/2023		65.2000		
Barium, Total	ug/L	MW-15I	11/29/2023		72.4000		
Barium, Total	ug/L	MW-15I	05/10/2024		68.0000		
Barium, Total	ug/L	MW-15I	11/15/2024		73.5000		
Beryllium, Total	ug/L	MW-15I	09/18/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/29/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	02/04/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	03/25/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/14/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	07/24/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/05/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	01/29/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/27/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/03/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/06/2021	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/05/2022	ND	0.2000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Beryllium, Total	ug/L	MW-15I	05/18/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/29/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/10/2024	ND	0.2000		
Cadmium, Total	ug/L	MW-15I	09/18/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/29/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	02/04/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	03/25/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/14/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	07/24/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/05/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	01/29/2020	ND	1.0000	2.0000	**
Cadmium, Total	ug/L	MW-15I	05/27/2020	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/06/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/03/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/05/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/03/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/18/2023	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/10/2024	ND	2.0000		
Chromium, Total	ug/L	MW-15I	09/18/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/29/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15I	02/04/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	03/25/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/14/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	07/24/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/05/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	01/29/2020	ND	20.0000	10.0000	**
Chromium, Total	ug/L	MW-15I	05/27/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/03/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/06/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/03/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/05/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/03/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/18/2023	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Chromium, Total	ug/L	MW-15I	05/10/2024	ND	10.0000		
Cobalt, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/03/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/03/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/03/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/10/2024		1.1000		
Cobalt, Total	ug/L	MW-15I	11/15/2024		1.0000		
Fluoride	mg/L	MW-15I	09/18/2018		0.1100		
Fluoride	mg/L	MW-15I	11/29/2018		0.1300		
Fluoride	mg/L	MW-15I	02/04/2019		0.1200		
Fluoride	mg/L	MW-15I	03/25/2019		0.1300		
Fluoride	mg/L	MW-15I	05/14/2019		0.1100		
Fluoride	mg/L	MW-15I	07/24/2019	ND	0.1000		
Fluoride	mg/L	MW-15I	11/05/2019	ND	0.1000		
Fluoride	mg/L	MW-15I	01/29/2020		0.1200		
Fluoride	mg/L	MW-15I	05/27/2020		0.1200		
Fluoride	mg/L	MW-15I	11/03/2020	ND	0.1000		
Fluoride	mg/L	MW-15I	05/06/2021	ND	0.1000		
Fluoride	mg/L	MW-15I	11/03/2021	ND	0.1000		
Fluoride	mg/L	MW-15I	05/05/2022		0.1200		
Fluoride	mg/L	MW-15I	11/03/2022	ND	0.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Fluoride	mg/L	MW-15I	05/18/2023		0.1100		
Fluoride	mg/L	MW-15I	11/29/2023	ND	0.1000		
Fluoride	mg/L	MW-15I	05/10/2024	ND	0.1000		
Fluoride	mg/L	MW-15I	11/15/2024	ND	0.1000		
Lead, Total	ug/L	MW-15I	09/18/2018	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/29/2018	ND	10.0000		
Lead, Total	ug/L	MW-15I	02/04/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	03/25/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/14/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	07/24/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/05/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	01/29/2020	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/27/2020	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/03/2020	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/06/2021	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/03/2021	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/05/2022	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/03/2022	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/18/2023	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/10/2024	ND	10.0000		
Lithium, Total	ug/L	MW-15I	09/18/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/29/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15I	02/04/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	03/25/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/14/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	07/24/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/05/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	01/29/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/27/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/03/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/06/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/03/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/05/2022	ND	20.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Lithium, Total	ug/L	MW-15I	11/03/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/18/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/29/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/10/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/15/2024	ND	20.0000		
Mercury	ug/L	MW-15I	09/18/2018	ND	2.0000		
Mercury	ug/L	MW-15I	11/29/2018	ND	2.0000		
Mercury	ug/L	MW-15I	02/04/2019	ND	2.0000		
Mercury	ug/L	MW-15I	03/25/2019	ND	2.0000		
Mercury	ug/L	MW-15I	05/14/2019	ND	2.0000		
Mercury	ug/L	MW-15I	07/24/2019	ND	2.0000		
Mercury	ug/L	MW-15I	11/05/2019	ND	2.0000		
Mercury	ug/L	MW-15I	01/29/2020	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	05/27/2020	ND	2.0000		
Mercury	ug/L	MW-15I	05/06/2021	ND	2.0000		
Mercury	ug/L	MW-15I	05/05/2022	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	05/18/2023	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	05/10/2024	ND	0.2000	2.0000	**
Molybdenum, Total	ug/L	MW-15I	09/18/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/29/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	02/04/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	03/25/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/14/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	07/24/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/05/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	01/29/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/27/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/03/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/06/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/03/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/05/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/03/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/18/2023	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Molybdenum, Total	ug/L	MW-15I	11/29/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/10/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/15/2024	ND	10.0000		
Selenium, Total	ug/L	MW-15I	09/18/2018		1.9000		
Selenium, Total	ug/L	MW-15I	11/29/2018		1.9000		
Selenium, Total	ug/L	MW-15I	02/04/2019		2.1000		
Selenium, Total	ug/L	MW-15I	03/25/2019		1.9000		
Selenium, Total	ug/L	MW-15I	05/14/2019		1.5000		
Selenium, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15I	01/29/2020		1.7000		
Selenium, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15I	11/03/2020		2.0000		
Selenium, Total	ug/L	MW-15I	05/06/2021		1.7000		
Selenium, Total	ug/L	MW-15I	11/03/2021		1.0000		
Selenium, Total	ug/L	MW-15I	05/05/2022		1.9000		
Selenium, Total	ug/L	MW-15I	11/03/2022		1.2000		
Selenium, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15I	05/10/2024		3.3000		
Selenium, Total	ug/L	MW-15I	11/15/2024		2.4000		
Thallium, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Thallium, Total	ug/L	MW-15I	05/10/2024	ND	1.0000		
Total Radium	pCi/L	MW-15I	09/18/2018		0.7100		
Total Radium	pCi/L	MW-15I	11/29/2018		0.7930		
Total Radium	pCi/L	MW-15I	02/04/2019		0.8490		
Total Radium	pCi/L	MW-15I	03/25/2019		1.6500		
Total Radium	pCi/L	MW-15I	05/14/2019		1.6300		
Total Radium	pCi/L	MW-15I	07/24/2019		1.6200		
Total Radium	pCi/L	MW-15I	11/05/2019	ND	1.4600	1.4100	**
Total Radium	pCi/L	MW-15I	01/29/2020		0.5700		
Total Radium	pCi/L	MW-15I	05/27/2020		1.0500		
Total Radium	pCi/L	MW-15I	11/03/2020		0.6830		
Total Radium	pCi/L	MW-15I	05/06/2021		0.9160		
Total Radium	pCi/L	MW-15I	11/03/2021		1.1800		
Total Radium	pCi/L	MW-15I	05/05/2022	ND	1.4100		
Total Radium	pCi/L	MW-15I	11/03/2022		1.1300		
Total Radium	pCi/L	MW-15I	05/18/2023		1.0500		
Total Radium	pCi/L	MW-15I	11/29/2023	ND	1.6800	1.4100	**
Total Radium	pCi/L	MW-15I	05/10/2024	ND	1.1900	1.4100	**
Total Radium	pCi/L	MW-15I	11/15/2024		1.4300		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-10D	11/11/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-10S	11/12/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-11D	11/15/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-12D	11/12/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-13D	11/13/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-1D	11/14/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-7D	11/14/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-9I	11/01/2024	ND	1.0000		1.0000
Arsenic, Total	ug/L	MW-10D	11/11/2024		86.3000	***	1.0000
Arsenic, Total	ug/L	MW-10S	11/12/2024		285.0000	***	1.0000
Arsenic, Total	ug/L	MW-11D	11/15/2024		15.9000	***	1.0000
Arsenic, Total	ug/L	MW-12D	11/12/2024		93.2000	***	1.0000
Arsenic, Total	ug/L	MW-13D	11/13/2024		224.0000	***	1.0000
Arsenic, Total	ug/L	MW-1D	11/14/2024		3.5000	***	1.0000
Arsenic, Total	ug/L	MW-7D	11/14/2024		478.0000	***	1.0000
Arsenic, Total	ug/L	MW-9I	11/01/2024		156.0000	***	1.0000
Barium, Total	ug/L	MW-10D	11/11/2024		37.8000		89.7951
Barium, Total	ug/L	MW-10S	11/12/2024		35.9000	**	89.7951
Barium, Total	ug/L	MW-11D	11/15/2024		23.8000		89.7951
Barium, Total	ug/L	MW-12D	11/12/2024		30.4000		89.7951
Barium, Total	ug/L	MW-13D	11/13/2024		32.0000		89.7951
Barium, Total	ug/L	MW-1D	11/14/2024		90.9000	***	89.7951
Barium, Total	ug/L	MW-7D	11/14/2024		41.8000		89.7951
Barium, Total	ug/L	MW-9I	11/01/2024		39.1000		89.7951
Beryllium, Total	ug/L	MW-10D	05/21/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-10S	05/21/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-11D	05/10/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-12D	05/09/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-13D	05/03/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-1D	05/06/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-7D	05/08/2024	ND	0.2000		0.2000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Beryllium, Total	ug/L	MW-9I	05/07/2024	ND	0.2000		0.2000
Cadmium, Total	ug/L	MW-10D	05/21/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-10S	05/21/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-11D	05/10/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-12D	05/09/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-13D	05/03/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-1D	05/06/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-7D	05/08/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9I	05/07/2024	ND	2.0000		2.0000
Chromium, Total	ug/L	MW-10D	05/21/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-10S	05/21/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-11D	05/10/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-12D	05/09/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-13D	05/03/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-1D	05/06/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-7D	05/08/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9I	05/07/2024	ND	10.0000		10.0000
Cobalt, Total	ug/L	MW-10D	11/11/2024	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-10S	11/12/2024	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-11D	11/15/2024	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/12/2024		1.3000	*	1.1000
Cobalt, Total	ug/L	MW-13D	11/13/2024	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-1D	11/14/2024	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-7D	11/14/2024	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-9I	11/01/2024	ND	1.0000		1.1000
Fluoride	mg/L	MW-10D	11/11/2024		1.5000	***	0.1300
Fluoride	mg/L	MW-10S	11/12/2024		2.4000	***	0.1300
Fluoride	mg/L	MW-11D	11/15/2024		0.3800	***	0.1300
Fluoride	mg/L	MW-12D	11/12/2024		1.2000	***	0.1300
Fluoride	mg/L	MW-13D	11/13/2024		0.5200	***	0.1300
Fluoride	mg/L	MW-1D	11/14/2024		0.3600	***	0.1300

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-7D	11/14/2024		0.4700	***	0.1300
Fluoride	mg/L	MW-9I	11/01/2024		0.7800	***	0.1300
Lead, Total	ug/L	MW-10D	05/21/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-10S	05/21/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-11D	05/10/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-12D	05/09/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-13D	05/03/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-1D	05/06/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-7D	05/08/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9I	05/07/2024	ND	10.0000		10.0000
Lithium, Total	ug/L	MW-10D	11/11/2024		65.5000	***	20.0000
Lithium, Total	ug/L	MW-10S	11/12/2024		29.1000	***	20.0000
Lithium, Total	ug/L	MW-11D	11/15/2024		133.0000	***	20.0000
Lithium, Total	ug/L	MW-12D	11/12/2024		49.1000	***	20.0000
Lithium, Total	ug/L	MW-13D	11/13/2024		67.7000	***	20.0000
Lithium, Total	ug/L	MW-1D	11/14/2024	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-7D	11/14/2024		80.3000	***	20.0000
Lithium, Total	ug/L	MW-9I	11/01/2024		38.3000	***	20.0000
Mercury	ug/L	MW-10D	05/21/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-10S	05/21/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-11D	05/10/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-12D	05/09/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-13D	05/03/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-1D	05/06/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-7D	05/08/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-9I	05/07/2024	ND	0.2000		2.0000
Molybdenum, Total	ug/L	MW-10D	11/11/2024		57.6000	***	10.0000
Molybdenum, Total	ug/L	MW-10S	11/12/2024		154.0000	***	10.0000
Molybdenum, Total	ug/L	MW-11D	11/15/2024	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-12D	11/12/2024		77.0000	***	10.0000
Molybdenum, Total	ug/L	MW-13D	11/13/2024		270.0000	***	10.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-1D	11/14/2024		17.3000	***	10.0000
Molybdenum, Total	ug/L	MW-7D	11/14/2024		409.0000	***	10.0000
Molybdenum, Total	ug/L	MW-9I	11/01/2024		129.0000	***	10.0000
Selenium, Total	ug/L	MW-10D	11/11/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-10S	11/12/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-11D	11/15/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-12D	11/12/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-13D	11/13/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-1D	11/14/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-7D	11/14/2024	ND	1.0000		3.9744
Selenium, Total	ug/L	MW-9I	11/01/2024	ND	1.0000		3.9744
Thallium, Total	ug/L	MW-10D	05/21/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-10S	05/21/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-11D	05/10/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-12D	05/09/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-13D	05/03/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-1D	05/06/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-7D	05/08/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9I	05/07/2024	ND	1.0000		1.0000
Total Radium	pCi/L	MW-10D	05/21/2024		2.2600		2.3469
Total Radium	pCi/L	MW-10S	11/12/2024	ND	2.1100		2.3469
Total Radium	pCi/L	MW-11D	11/15/2024		1.2000		2.3469
Total Radium	pCi/L	MW-12D	11/12/2024		4.2700	*	2.3469
Total Radium	pCi/L	MW-13D	11/13/2024		1.6200		2.3469
Total Radium	pCi/L	MW-1D	11/14/2024		1.8400		2.3469
Total Radium	pCi/L	MW-7D	11/14/2024	ND	1.8700		2.3469
Total Radium	pCi/L	MW-9I	11/01/2024	ND	2.1500		2.3469

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Antimony, Total	0	18	0.000	1	176	0.006
Arsenic, Total	0	18	0.000	160	176	0.909
Barium, Total	18	18	1.000	176	176	1.000
Beryllium, Total	0	15	0.000	0	144	0.000
Cadmium, Total	0	15	0.000	8	144	0.056
Chromium, Total	0	16	0.000	4	160	0.025
Cobalt, Total	2	18	0.111	4	168	0.024
Fluoride	9	18	0.500	184	184	1.000
Lead, Total	0	16	0.000	0	152	0.000
Lithium, Total	0	18	0.000	168	176	0.955
Mercury	0	13	0.000	1	128	0.008
Molybdenum, Total	0	18	0.000	154	176	0.875
Selenium, Total	13	18	0.722	1	176	0.006
Thallium, Total	0	13	0.000	0	128	0.000
Total Radium	14	18	0.778	149	175	0.851

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro-Wilk Multiple Group Test of Normality

Constituent	Detect	N	Detect Freq	G raw	G log	G cbrt	G sqrt	G sqr	G cub	Crit Value	Dist Form	Model Type
Antimony, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Arsenic, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Barium, Total	18	18	1.000	0.867	1.094					2.326	normal	normal
Beryllium, Total	0	15	0.000	4.373	4.373					2.326	non-norm	nonpar
Cadmium, Total	0	15	0.000	4.373	4.373					2.326	non-norm	nonpar
Chromium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Cobalt, Total	2	18	0.111	4.885	4.885					2.326	non-norm	nonpar
Fluoride	9	18	0.500	3.239	3.234					2.326	non-norm	nonpar
Lead, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Lithium, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Mercury	0	13	0.000	3.936	3.936					2.326	non-norm	nonpar
Molybdenum, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Selenium, Total	13	18	0.722	2.229	1.997					2.326	normal	normal
Thallium, Total	0	13	0.000	3.936	3.936					2.326	non-norm	nonpar
Total Radium	14	18	0.778	0.869	1.162					2.326	normal	normal

* - Distribution override for that constituent.
Fit to distribution is confirmed if G <= critical value.
Model type may not match distributional form when detection frequency < 50%.

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Detect	N	Mean	SD	alpha	Factor	Pred Limit	Type		Conf
Antimony, Total	ug/L	0	18					1.0000	nonpar	***	0.96
Arsenic, Total	ug/L	0	18					1.0000	nonpar	***	0.96
Barium, Total	ug/L	18	18	68.5611	8.0560	0.0100	2.6358	89.7951	normal		
Beryllium, Total	ug/L	0	15					0.2000	nonpar	***	0.95
Cadmium, Total	ug/L	0	15					2.0000	nonpar	***	0.95
Chromium, Total	ug/L	0	16					10.0000	nonpar	***	0.95
Cobalt, Total	ug/L	2	18					1.1000	nonpar		0.96
Fluoride	mg/L	9	18					0.1300	nonpar		0.96
Lead, Total	ug/L	0	16					10.0000	nonpar	***	0.95
Lithium, Total	ug/L	0	18					20.0000	nonpar	***	0.96
Mercury	ug/L	0	13					2.0000	nonpar	***	0.93
Molybdenum, Total	ug/L	0	18					10.0000	nonpar	***	0.96
Selenium, Total	ug/L	13	18	1.3611	0.9915	0.0100	2.6358	3.9744	normal		
Thallium, Total	ug/L	0	13					1.0000	nonpar	***	0.93
Total Radium	pCi/L	14	18	0.8478	0.5687	0.0100	2.6358	2.3469	normal		

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
* - Insufficient Data.
** - Calculated limit raised to Manual Reporting Limit.
*** - Nonparametric limit based on ND value.
For transformed data, mean and SD in transformed units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Dixon's Test Outliers
1% Significance Level

Constituent	Units	Well	Date	Result	ND Qualifier	Date Range	N	Critical Value

N = Total number of independent measurements in background at each well.
Date Range = Dates of the first and last measurements included in background at each well.
Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-10D	04/06/2016		412.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/25/2016		440.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	08/09/2016		464.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	09/27/2016		488.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/29/2016		406.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	01/25/2017		433.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/23/2017		399.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	08/08/2017		447.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/30/2018		396.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	09/18/2018		323.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/16/2019		313.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/05/2019		275.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/19/2020		268.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/05/2020		265.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/06/2021		250.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/02/2021		173.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/02/2022		140.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/03/2022		161.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/25/2023		116.0000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/08/2023		89.1000	*	1.0000
Arsenic, Total	ug/L	MW-10D	05/21/2024		99.3000	*	1.0000
Arsenic, Total	ug/L	MW-10D	11/11/2024		86.3000	*	1.0000
Arsenic, Total	ug/L	MW-10S	04/06/2016		455.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/25/2016		440.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	08/09/2016		484.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	09/27/2016		492.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/29/2016		545.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	01/25/2017		507.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/23/2017		440.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	08/08/2017		494.0000	*	1.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-10S	05/30/2018		444.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	09/18/2018		343.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/16/2019		349.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/05/2019		385.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/19/2020		358.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/05/2020		349.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/06/2021		413.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/02/2021		429.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/02/2022		448.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/03/2022		368.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/25/2023		401.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/08/2023		320.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	05/21/2024		283.0000	*	1.0000
Arsenic, Total	ug/L	MW-10S	11/12/2024		285.0000	*	1.0000
Arsenic, Total	ug/L	MW-11D	04/07/2016		10.6000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/26/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-11D	08/10/2016		14.4000	*	1.0000
Arsenic, Total	ug/L	MW-11D	09/28/2016		14.8000	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/30/2016		12.0000	*	1.0000
Arsenic, Total	ug/L	MW-11D	01/26/2017		10.7000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/24/2017		14.4000	*	1.0000
Arsenic, Total	ug/L	MW-11D	08/09/2017		14.5000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/29/2018		18.2000	*	1.0000
Arsenic, Total	ug/L	MW-11D	09/14/2018		14.6000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/14/2019		14.3000	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/07/2019		15.4000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/27/2020		15.7000	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/05/2020		14.4000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/05/2021		15.4500	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/01/2021		14.8000	*	1.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-11D	05/10/2022		16.1000	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/07/2022		17.5000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/24/2023		15.0000	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/08/2023		15.0000	*	1.0000
Arsenic, Total	ug/L	MW-11D	05/10/2024		15.1000	*	1.0000
Arsenic, Total	ug/L	MW-11D	11/15/2024		15.9000	*	1.0000
Arsenic, Total	ug/L	MW-12D	04/06/2016		241.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/25/2016		252.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	08/09/2016		243.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	09/27/2016		257.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/29/2016		280.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	01/25/2017		275.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/23/2017		268.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	08/08/2017		204.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/30/2018		223.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	09/17/2018		214.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/16/2019		210.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/06/2019		232.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/18/2020		287.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/05/2020		513.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/03/2021		463.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/01/2021		428.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/06/2022		387.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/02/2022		360.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/25/2023		338.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/07/2023		288.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	05/09/2024		121.0000	*	1.0000
Arsenic, Total	ug/L	MW-12D	11/12/2024		93.2000	*	1.0000
Arsenic, Total	ug/L	MW-13D	04/06/2016		214.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/25/2016		215.0000	*	1.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-13D	08/09/2016		245.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	09/27/2016		282.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/29/2016		291.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	01/25/2017		315.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/23/2017		306.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	08/08/2017		277.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/30/2018		253.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	09/18/2018		214.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/16/2019		225.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/06/2019		219.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/19/2020		241.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/05/2020		224.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/06/2021		242.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/01/2021		231.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/04/2022		245.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/01/2022		231.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/26/2023		234.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/09/2023		228.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	05/03/2024		255.0000	*	1.0000
Arsenic, Total	ug/L	MW-13D	11/13/2024		224.0000	*	1.0000
Arsenic, Total	ug/L	MW-1D	04/07/2016		10.3000	*	1.0000
Arsenic, Total	ug/L	MW-1D	05/26/2016		12.0000	*	1.0000
Arsenic, Total	ug/L	MW-1D	08/09/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-1D	09/27/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-1D	11/29/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-1D	01/26/2017	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-1D	05/23/2017		11.7000	*	1.0000
Arsenic, Total	ug/L	MW-1D	08/09/2017	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-1D	05/29/2018	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-1D	09/17/2018		4.2000	*	1.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-1D	05/15/2019		4.7000	*	1.0000
Arsenic, Total	ug/L	MW-1D	11/07/2019		5.2000	*	1.0000
Arsenic, Total	ug/L	MW-1D	05/26/2020		7.4000	*	1.0000
Arsenic, Total	ug/L	MW-1D	11/06/2020		50.6000	*	1.0000
Arsenic, Total	ug/L	MW-1D	05/05/2021		5.9000	*	1.0000
Arsenic, Total	ug/L	MW-1D	11/03/2021		3.4000	*	1.0000
Arsenic, Total	ug/L	MW-1D	05/09/2022		4.5000	*	1.0000
Arsenic, Total	ug/L	MW-1D	11/09/2022		4.2000	*	1.0000
Arsenic, Total	ug/L	MW-1D	05/23/2023		3.3000	*	1.0000
Arsenic, Total	ug/L	MW-1D	11/22/2023		4.4000	*	1.0000
Arsenic, Total	ug/L	MW-1D	05/06/2024		6.1000	*	1.0000
Arsenic, Total	ug/L	MW-1D	11/14/2024		3.5000	*	1.0000
Arsenic, Total	ug/L	MW-7D	04/06/2016		428.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/25/2016		435.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	08/09/2016		412.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	09/27/2016		408.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/29/2016		417.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	01/25/2017		468.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/23/2017		509.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	08/08/2017		504.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/30/2018		491.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	09/18/2018		433.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/15/2019		471.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/06/2019		432.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/27/2020		467.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/17/2020		402.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/06/2021		476.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/02/2021		457.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/04/2022		484.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/02/2022		438.0000	*	1.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-7D	05/26/2023		462.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/09/2023		438.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	05/08/2024		522.0000	*	1.0000
Arsenic, Total	ug/L	MW-7D	11/14/2024		478.0000	*	1.0000
Arsenic, Total	ug/L	MW-9I	04/06/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	05/25/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	08/08/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	09/27/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	11/28/2016	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	01/25/2017	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	05/23/2017	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	08/08/2017	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	05/30/2018	ND	10.0000		1.0000
Arsenic, Total	ug/L	MW-9I	09/17/2018		5.0000	*	1.0000
Arsenic, Total	ug/L	MW-9I	05/16/2019		3.8000	*	1.0000
Arsenic, Total	ug/L	MW-9I	11/06/2019		4.0000	*	1.0000
Arsenic, Total	ug/L	MW-9I	05/19/2020		4.2000	*	1.0000
Arsenic, Total	ug/L	MW-9I	11/04/2020		4.6000	*	1.0000
Arsenic, Total	ug/L	MW-9I	05/03/2021		4.8000	*	1.0000
Arsenic, Total	ug/L	MW-9I	11/04/2021		5.2000	*	1.0000
Arsenic, Total	ug/L	MW-9I	05/06/2022		11.3000	*	1.0000
Arsenic, Total	ug/L	MW-9I	11/02/2022		16.6000	*	1.0000
Arsenic, Total	ug/L	MW-9I	05/24/2023		30.6000	*	1.0000
Arsenic, Total	ug/L	MW-9I	11/03/2023		52.7000	*	1.0000
Arsenic, Total	ug/L	MW-9I	05/07/2024		122.0000	*	1.0000
Arsenic, Total	ug/L	MW-9I	11/01/2024		156.0000	*	1.0000
Barium, Total	ug/L	MW-10S	04/06/2016		119.0000	*	89.7951
Barium, Total	ug/L	MW-10S	05/25/2016		62.7000		89.7951
Barium, Total	ug/L	MW-10S	08/09/2016		77.2000		89.7951
Barium, Total	ug/L	MW-10S	09/27/2016		72.6000		89.7951

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-10S	11/29/2016		66.5000		89.7951
Barium, Total	ug/L	MW-10S	01/25/2017		77.0000		89.7951
Barium, Total	ug/L	MW-10S	05/23/2017		53.4000		89.7951
Barium, Total	ug/L	MW-10S	08/08/2017		71.4000		89.7951
Barium, Total	ug/L	MW-10S	05/30/2018		43.0000		89.7951
Barium, Total	ug/L	MW-10S	09/18/2018		54.2000		89.7951
Barium, Total	ug/L	MW-10S	05/16/2019		42.6000		89.7951
Barium, Total	ug/L	MW-10S	11/05/2019		51.1000		89.7951
Barium, Total	ug/L	MW-10S	05/19/2020		81.1000		89.7951
Barium, Total	ug/L	MW-10S	11/05/2020		46.8000		89.7951
Barium, Total	ug/L	MW-10S	05/06/2021		87.8000		89.7951
Barium, Total	ug/L	MW-10S	11/02/2021		73.3000		89.7951
Barium, Total	ug/L	MW-10S	05/02/2022		75.8000		89.7951
Barium, Total	ug/L	MW-10S	11/03/2022		72.4000		89.7951
Barium, Total	ug/L	MW-10S	05/25/2023		85.8000		89.7951
Barium, Total	ug/L	MW-10S	11/08/2023		53.7000		89.7951
Barium, Total	ug/L	MW-10S	05/21/2024		94.7000	*	89.7951
Barium, Total	ug/L	MW-10S	11/12/2024		35.9000		89.7951
Barium, Total	ug/L	MW-1D	04/07/2016		47.2000		89.7951
Barium, Total	ug/L	MW-1D	05/26/2016		49.6000		89.7951
Barium, Total	ug/L	MW-1D	08/09/2016		51.6000		89.7951
Barium, Total	ug/L	MW-1D	09/27/2016		49.8000		89.7951
Barium, Total	ug/L	MW-1D	11/29/2016		39.3000		89.7951
Barium, Total	ug/L	MW-1D	01/26/2017		44.2000		89.7951
Barium, Total	ug/L	MW-1D	05/23/2017		48.4000		89.7951
Barium, Total	ug/L	MW-1D	08/09/2017		51.3000		89.7951
Barium, Total	ug/L	MW-1D	05/29/2018		49.8000		89.7951
Barium, Total	ug/L	MW-1D	09/17/2018		51.7000		89.7951
Barium, Total	ug/L	MW-1D	05/15/2019		61.8000		89.7951
Barium, Total	ug/L	MW-1D	11/07/2019		55.5000		89.7951

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-1D	05/26/2020		71.0000		89.7951
Barium, Total	ug/L	MW-1D	11/06/2020		113.0000	*	89.7951
Barium, Total	ug/L	MW-1D	05/05/2021		77.5000		89.7951
Barium, Total	ug/L	MW-1D	11/03/2021		72.0000		89.7951
Barium, Total	ug/L	MW-1D	05/09/2022		78.0000		89.7951
Barium, Total	ug/L	MW-1D	11/09/2022		87.6000		89.7951
Barium, Total	ug/L	MW-1D	05/23/2023		95.4000	*	89.7951
Barium, Total	ug/L	MW-1D	11/22/2023		76.1000		89.7951
Barium, Total	ug/L	MW-1D	05/06/2024		101.0000	*	89.7951
Barium, Total	ug/L	MW-1D	11/14/2024		90.9000	*	89.7951
Cobalt, Total	ug/L	MW-12D	04/06/2016	ND	10.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/25/2016	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	08/09/2016	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	09/27/2016	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/29/2016	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	01/25/2017	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/23/2017	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	08/08/2017	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/30/2018	ND	5.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/16/2019	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/06/2019	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/18/2020	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/05/2020	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/03/2021	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/01/2021	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/06/2022	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/02/2022	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/25/2023	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	11/07/2023	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/09/2024	ND	1.0000		1.1000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Cobalt, Total	ug/L	MW-12D	11/12/2024		1.3000	*	1.1000
Fluoride	mg/L	MW-10D	04/06/2016		1.7000	*	0.1300
Fluoride	mg/L	MW-10D	05/25/2016		2.2000	*	0.1300
Fluoride	mg/L	MW-10D	08/09/2016		2.1000	*	0.1300
Fluoride	mg/L	MW-10D	09/27/2016		2.2000	*	0.1300
Fluoride	mg/L	MW-10D	11/29/2016		2.2000	*	0.1300
Fluoride	mg/L	MW-10D	01/25/2017		2.3000	*	0.1300
Fluoride	mg/L	MW-10D	05/23/2017		2.2000	*	0.1300
Fluoride	mg/L	MW-10D	08/08/2017		2.2000	*	0.1300
Fluoride	mg/L	MW-10D	09/20/2017		2.1000	*	0.1300
Fluoride	mg/L	MW-10D	05/30/2018		2.6000	*	0.1300
Fluoride	mg/L	MW-10D	09/18/2018		2.6000	*	0.1300
Fluoride	mg/L	MW-10D	05/16/2019		2.4000	*	0.1300
Fluoride	mg/L	MW-10D	11/05/2019		2.3000	*	0.1300
Fluoride	mg/L	MW-10D	05/19/2020		2.5000	*	0.1300
Fluoride	mg/L	MW-10D	11/05/2020		2.6000	*	0.1300
Fluoride	mg/L	MW-10D	05/06/2021		2.6000	*	0.1300
Fluoride	mg/L	MW-10D	11/02/2021		2.0000	*	0.1300
Fluoride	mg/L	MW-10D	05/02/2022		1.9000	*	0.1300
Fluoride	mg/L	MW-10D	11/03/2022		2.5000	*	0.1300
Fluoride	mg/L	MW-10D	05/25/2023		2.2000	*	0.1300
Fluoride	mg/L	MW-10D	11/08/2023		1.9000	*	0.1300
Fluoride	mg/L	MW-10D	05/21/2024		1.8000	*	0.1300
Fluoride	mg/L	MW-10D	11/11/2024		1.5000	*	0.1300
Fluoride	mg/L	MW-10S	04/06/2016		3.5000	*	0.1300
Fluoride	mg/L	MW-10S	05/25/2016		3.0000	*	0.1300
Fluoride	mg/L	MW-10S	08/09/2016		2.2000	*	0.1300
Fluoride	mg/L	MW-10S	09/27/2016		2.6000	*	0.1300
Fluoride	mg/L	MW-10S	11/29/2016		3.1000	*	0.1300
Fluoride	mg/L	MW-10S	01/25/2017		2.7000	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-10S	05/23/2017		2.4000	*	0.1300
Fluoride	mg/L	MW-10S	08/08/2017		2.1000	*	0.1300
Fluoride	mg/L	MW-10S	09/20/2017		1.8000	*	0.1300
Fluoride	mg/L	MW-10S	05/30/2018		2.2000	*	0.1300
Fluoride	mg/L	MW-10S	09/18/2018		2.7000	*	0.1300
Fluoride	mg/L	MW-10S	05/16/2019		2.5000	*	0.1300
Fluoride	mg/L	MW-10S	11/05/2019		2.1000	*	0.1300
Fluoride	mg/L	MW-10S	05/19/2020		2.0000	*	0.1300
Fluoride	mg/L	MW-10S	11/05/2020		2.4000	*	0.1300
Fluoride	mg/L	MW-10S	05/06/2021		2.5000	*	0.1300
Fluoride	mg/L	MW-10S	11/02/2021		2.5000	*	0.1300
Fluoride	mg/L	MW-10S	05/02/2022		2.6000	*	0.1300
Fluoride	mg/L	MW-10S	11/03/2022		3.0000	*	0.1300
Fluoride	mg/L	MW-10S	05/25/2023		2.7000	*	0.1300
Fluoride	mg/L	MW-10S	11/08/2023		3.1000	*	0.1300
Fluoride	mg/L	MW-10S	05/21/2024		2.7000	*	0.1300
Fluoride	mg/L	MW-10S	11/12/2024		2.4000	*	0.1300
Fluoride	mg/L	MW-11D	04/07/2016		0.3800	*	0.1300
Fluoride	mg/L	MW-11D	05/26/2016		0.3700	*	0.1300
Fluoride	mg/L	MW-11D	08/10/2016		0.3100	*	0.1300
Fluoride	mg/L	MW-11D	09/28/2016		0.3000	*	0.1300
Fluoride	mg/L	MW-11D	11/30/2016		0.2900	*	0.1300
Fluoride	mg/L	MW-11D	01/26/2017		0.3100	*	0.1300
Fluoride	mg/L	MW-11D	05/24/2017		0.4300	*	0.1300
Fluoride	mg/L	MW-11D	08/09/2017		0.4500	*	0.1300
Fluoride	mg/L	MW-11D	09/20/2017		0.4800	*	0.1300
Fluoride	mg/L	MW-11D	05/29/2018		0.4500	*	0.1300
Fluoride	mg/L	MW-11D	09/14/2018		0.3100	*	0.1300
Fluoride	mg/L	MW-11D	05/14/2019		0.4700	*	0.1300
Fluoride	mg/L	MW-11D	11/07/2019		0.4100	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-11D	05/27/2020		0.3700	*	0.1300
Fluoride	mg/L	MW-11D	11/05/2020		0.4300	*	0.1300
Fluoride	mg/L	MW-11D	05/05/2021		0.2500	*	0.1300
Fluoride	mg/L	MW-11D	11/01/2021		0.3600	*	0.1300
Fluoride	mg/L	MW-11D	05/10/2022		0.3000	*	0.1300
Fluoride	mg/L	MW-11D	11/07/2022		0.4000	*	0.1300
Fluoride	mg/L	MW-11D	05/24/2023		0.3100	*	0.1300
Fluoride	mg/L	MW-11D	11/08/2023		0.3400	*	0.1300
Fluoride	mg/L	MW-11D	05/10/2024		0.5100	*	0.1300
Fluoride	mg/L	MW-11D	11/15/2024		0.3800	*	0.1300
Fluoride	mg/L	MW-12D	04/06/2016		0.2200	*	0.1300
Fluoride	mg/L	MW-12D	05/25/2016		0.2700	*	0.1300
Fluoride	mg/L	MW-12D	08/09/2016		0.2800	*	0.1300
Fluoride	mg/L	MW-12D	09/27/2016		0.3100	*	0.1300
Fluoride	mg/L	MW-12D	11/29/2016		0.3800	*	0.1300
Fluoride	mg/L	MW-12D	01/25/2017		0.4900	*	0.1300
Fluoride	mg/L	MW-12D	05/23/2017		0.5000	*	0.1300
Fluoride	mg/L	MW-12D	08/08/2017		0.5300	*	0.1300
Fluoride	mg/L	MW-12D	09/20/2017		0.4400	*	0.1300
Fluoride	mg/L	MW-12D	05/30/2018		1.1000	*	0.1300
Fluoride	mg/L	MW-12D	09/17/2018		0.9500	*	0.1300
Fluoride	mg/L	MW-12D	05/16/2019		1.3000	*	0.1300
Fluoride	mg/L	MW-12D	11/06/2019		1.2000	*	0.1300
Fluoride	mg/L	MW-12D	05/18/2020		1.1000	*	0.1300
Fluoride	mg/L	MW-12D	11/05/2020		0.9700	*	0.1300
Fluoride	mg/L	MW-12D	05/03/2021		1.3000	*	0.1300
Fluoride	mg/L	MW-12D	11/01/2021		1.3000	*	0.1300
Fluoride	mg/L	MW-12D	05/06/2022		1.9000	*	0.1300
Fluoride	mg/L	MW-12D	11/02/2022		1.5000	*	0.1300
Fluoride	mg/L	MW-12D	05/25/2023		1.4000	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-12D	11/07/2023		1.5000	*	0.1300
Fluoride	mg/L	MW-12D	05/09/2024		1.1000	*	0.1300
Fluoride	mg/L	MW-12D	11/12/2024		1.2000	*	0.1300
Fluoride	mg/L	MW-13D	04/06/2016		0.3900	*	0.1300
Fluoride	mg/L	MW-13D	05/25/2016		0.4000	*	0.1300
Fluoride	mg/L	MW-13D	08/09/2016		0.3700	*	0.1300
Fluoride	mg/L	MW-13D	09/27/2016		0.3700	*	0.1300
Fluoride	mg/L	MW-13D	11/29/2016		0.3700	*	0.1300
Fluoride	mg/L	MW-13D	01/25/2017		0.3700	*	0.1300
Fluoride	mg/L	MW-13D	05/23/2017		0.3600	*	0.1300
Fluoride	mg/L	MW-13D	08/08/2017		0.4300	*	0.1300
Fluoride	mg/L	MW-13D	09/20/2017		0.4100	*	0.1300
Fluoride	mg/L	MW-13D	05/30/2018		0.4500	*	0.1300
Fluoride	mg/L	MW-13D	09/18/2018		0.4700	*	0.1300
Fluoride	mg/L	MW-13D	05/16/2019		0.4900	*	0.1300
Fluoride	mg/L	MW-13D	11/06/2019		0.4900	*	0.1300
Fluoride	mg/L	MW-13D	05/19/2020		0.5900	*	0.1300
Fluoride	mg/L	MW-13D	11/05/2020		0.6200	*	0.1300
Fluoride	mg/L	MW-13D	05/06/2021		0.6000	*	0.1300
Fluoride	mg/L	MW-13D	11/01/2021		0.5500	*	0.1300
Fluoride	mg/L	MW-13D	05/04/2022		0.7600	*	0.1300
Fluoride	mg/L	MW-13D	11/01/2022		0.6000	*	0.1300
Fluoride	mg/L	MW-13D	05/26/2023		0.6100	*	0.1300
Fluoride	mg/L	MW-13D	11/09/2023		0.6100	*	0.1300
Fluoride	mg/L	MW-13D	05/03/2024		0.5500	*	0.1300
Fluoride	mg/L	MW-13D	11/13/2024		0.5200	*	0.1300
Fluoride	mg/L	MW-1D	04/07/2016		0.4300	*	0.1300
Fluoride	mg/L	MW-1D	05/26/2016		0.4700	*	0.1300
Fluoride	mg/L	MW-1D	08/09/2016		0.3800	*	0.1300
Fluoride	mg/L	MW-1D	09/27/2016		0.3700	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-1D	11/29/2016		0.3900	*	0.1300
Fluoride	mg/L	MW-1D	01/26/2017		0.4100	*	0.1300
Fluoride	mg/L	MW-1D	05/23/2017		0.4200	*	0.1300
Fluoride	mg/L	MW-1D	08/09/2017		0.4100	*	0.1300
Fluoride	mg/L	MW-1D	09/20/2017		0.4200	*	0.1300
Fluoride	mg/L	MW-1D	05/29/2018		0.3700	*	0.1300
Fluoride	mg/L	MW-1D	09/17/2018		0.3700	*	0.1300
Fluoride	mg/L	MW-1D	05/15/2019		0.3400	*	0.1300
Fluoride	mg/L	MW-1D	11/07/2019		0.3100	*	0.1300
Fluoride	mg/L	MW-1D	05/26/2020		0.2600	*	0.1300
Fluoride	mg/L	MW-1D	11/06/2020		0.3300	*	0.1300
Fluoride	mg/L	MW-1D	05/05/2021		0.2300	*	0.1300
Fluoride	mg/L	MW-1D	11/03/2021		0.3100	*	0.1300
Fluoride	mg/L	MW-1D	05/09/2022		0.4200	*	0.1300
Fluoride	mg/L	MW-1D	11/09/2022		0.4400	*	0.1300
Fluoride	mg/L	MW-1D	05/23/2023		0.4200	*	0.1300
Fluoride	mg/L	MW-1D	11/22/2023		0.4200	*	0.1300
Fluoride	mg/L	MW-1D	05/06/2024		0.3900	*	0.1300
Fluoride	mg/L	MW-1D	11/14/2024		0.3600	*	0.1300
Fluoride	mg/L	MW-7D	04/06/2016		0.2800	*	0.1300
Fluoride	mg/L	MW-7D	05/25/2016		0.3300	*	0.1300
Fluoride	mg/L	MW-7D	08/09/2016		0.3100	*	0.1300
Fluoride	mg/L	MW-7D	09/27/2016		0.3100	*	0.1300
Fluoride	mg/L	MW-7D	11/29/2016		0.3000	*	0.1300
Fluoride	mg/L	MW-7D	01/25/2017		0.2600	*	0.1300
Fluoride	mg/L	MW-7D	05/23/2017		0.2500	*	0.1300
Fluoride	mg/L	MW-7D	08/08/2017		0.2800	*	0.1300
Fluoride	mg/L	MW-7D	09/20/2017		0.2600	*	0.1300
Fluoride	mg/L	MW-7D	05/30/2018		0.2900	*	0.1300
Fluoride	mg/L	MW-7D	09/18/2018		0.3000	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-7D	05/15/2019		0.3200	*	0.1300
Fluoride	mg/L	MW-7D	11/06/2019		0.3500	*	0.1300
Fluoride	mg/L	MW-7D	05/27/2020		0.3900	*	0.1300
Fluoride	mg/L	MW-7D	11/17/2020		0.4200	*	0.1300
Fluoride	mg/L	MW-7D	05/06/2021		0.3600	*	0.1300
Fluoride	mg/L	MW-7D	11/02/2021		0.3800	*	0.1300
Fluoride	mg/L	MW-7D	05/04/2022		0.5100	*	0.1300
Fluoride	mg/L	MW-7D	11/02/2022		0.4600	*	0.1300
Fluoride	mg/L	MW-7D	05/26/2023		0.4800	*	0.1300
Fluoride	mg/L	MW-7D	11/09/2023		0.4800	*	0.1300
Fluoride	mg/L	MW-7D	05/08/2024		0.4400	*	0.1300
Fluoride	mg/L	MW-7D	11/14/2024		0.4700	*	0.1300
Fluoride	mg/L	MW-9I	04/06/2016		0.4400	*	0.1300
Fluoride	mg/L	MW-9I	05/25/2016		0.5300	*	0.1300
Fluoride	mg/L	MW-9I	08/08/2016		0.5500	*	0.1300
Fluoride	mg/L	MW-9I	09/27/2016		0.5800	*	0.1300
Fluoride	mg/L	MW-9I	11/28/2016		0.6100	*	0.1300
Fluoride	mg/L	MW-9I	01/25/2017		0.5300	*	0.1300
Fluoride	mg/L	MW-9I	05/23/2017		0.5700	*	0.1300
Fluoride	mg/L	MW-9I	08/08/2017		0.5800	*	0.1300
Fluoride	mg/L	MW-9I	09/20/2017		0.5900	*	0.1300
Fluoride	mg/L	MW-9I	05/30/2018		0.5300	*	0.1300
Fluoride	mg/L	MW-9I	09/17/2018		0.5800	*	0.1300
Fluoride	mg/L	MW-9I	05/16/2019		0.6800	*	0.1300
Fluoride	mg/L	MW-9I	11/06/2019		0.6900	*	0.1300
Fluoride	mg/L	MW-9I	05/19/2020		0.7300	*	0.1300
Fluoride	mg/L	MW-9I	11/04/2020		0.7800	*	0.1300
Fluoride	mg/L	MW-9I	05/03/2021		0.9700	*	0.1300
Fluoride	mg/L	MW-9I	11/04/2021		0.9800	*	0.1300
Fluoride	mg/L	MW-9I	05/06/2022		1.2000	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-9I	11/02/2022		0.9700	*	0.1300
Fluoride	mg/L	MW-9I	05/24/2023		0.7800	*	0.1300
Fluoride	mg/L	MW-9I	11/03/2023		0.6100	*	0.1300
Fluoride	mg/L	MW-9I	05/07/2024		0.8200	*	0.1300
Fluoride	mg/L	MW-9I	11/01/2024		0.7800	*	0.1300
Lithium, Total	ug/L	MW-10D	04/06/2016		123.0000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/25/2016		105.0000	*	20.0000
Lithium, Total	ug/L	MW-10D	08/09/2016		96.3000	*	20.0000
Lithium, Total	ug/L	MW-10D	09/27/2016		82.9000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/29/2016		92.2000	*	20.0000
Lithium, Total	ug/L	MW-10D	01/25/2017		92.0000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/23/2017		85.2000	*	20.0000
Lithium, Total	ug/L	MW-10D	08/08/2017		86.2000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/30/2018		63.3000	*	20.0000
Lithium, Total	ug/L	MW-10D	09/18/2018		61.6000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/16/2019		69.4000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/05/2019		61.6000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/19/2020		62.5000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/05/2020		52.2000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/06/2021		49.8000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/02/2021		67.4000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/02/2022		65.6000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/03/2022		45.3000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/25/2023		41.0000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/08/2023		49.7000	*	20.0000
Lithium, Total	ug/L	MW-10D	05/21/2024		61.5000	*	20.0000
Lithium, Total	ug/L	MW-10D	11/11/2024		65.5000	*	20.0000
Lithium, Total	ug/L	MW-10S	04/06/2016		106.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/25/2016		94.9000	*	20.0000
Lithium, Total	ug/L	MW-10S	08/09/2016		98.6000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-10S	09/27/2016		79.3000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/29/2016		96.6000	*	20.0000
Lithium, Total	ug/L	MW-10S	01/25/2017		95.2000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/23/2017		72.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	08/08/2017		93.2000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/30/2018		57.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	09/18/2018		59.2000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/16/2019		69.5000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/05/2019		60.5000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/19/2020		75.8000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/05/2020		49.9000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/06/2021		45.3000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/02/2021		53.3000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/02/2022		40.8000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/03/2022		33.0000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/25/2023		33.7000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/08/2023		33.4000	*	20.0000
Lithium, Total	ug/L	MW-10S	05/21/2024		46.7000	*	20.0000
Lithium, Total	ug/L	MW-10S	11/12/2024		29.1000	*	20.0000
Lithium, Total	ug/L	MW-11D	04/07/2016		127.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/26/2016		122.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	08/10/2016		132.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	09/28/2016		128.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	11/30/2016		137.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	01/26/2017		133.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/24/2017		109.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	08/09/2017		124.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/29/2018		122.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	09/14/2018		126.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/14/2019		128.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-11D	11/07/2019		128.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/27/2020		142.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	11/05/2020		134.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/05/2021		141.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	11/01/2021		150.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/10/2022		147.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	11/07/2022		139.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/24/2023		130.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	11/08/2023		137.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	05/10/2024		126.0000	*	20.0000
Lithium, Total	ug/L	MW-11D	11/15/2024		133.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	04/06/2016		141.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/25/2016		152.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	08/09/2016		140.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	09/27/2016		147.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	11/29/2016		140.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	01/25/2017		166.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/23/2017		129.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	08/08/2017		151.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/30/2018		118.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	09/17/2018		122.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/16/2019		104.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	11/06/2019		104.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/18/2020		113.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	11/05/2020		108.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/03/2021		69.6000	*	20.0000
Lithium, Total	ug/L	MW-12D	11/01/2021		95.5000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/06/2022		74.8000	*	20.0000
Lithium, Total	ug/L	MW-12D	11/02/2022		77.2000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/25/2023		60.9000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-12D	11/07/2023		50.0000	*	20.0000
Lithium, Total	ug/L	MW-12D	05/09/2024		59.6000	*	20.0000
Lithium, Total	ug/L	MW-12D	11/12/2024		49.1000	*	20.0000
Lithium, Total	ug/L	MW-13D	04/06/2016		87.6000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/25/2016		99.8000	*	20.0000
Lithium, Total	ug/L	MW-13D	08/09/2016		112.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	09/27/2016		133.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/29/2016		176.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	01/25/2017		190.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/23/2017		154.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	08/08/2017		128.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/30/2018		112.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	09/18/2018		101.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/16/2019		105.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/06/2019		85.0000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/19/2020		96.8000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/05/2020		79.6000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/06/2021		72.7000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/01/2021		84.7000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/04/2022		76.3000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/01/2022		76.5000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/26/2023		70.1000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/09/2023		66.8000	*	20.0000
Lithium, Total	ug/L	MW-13D	05/03/2024		73.2000	*	20.0000
Lithium, Total	ug/L	MW-13D	11/13/2024		67.7000	*	20.0000
Lithium, Total	ug/L	MW-7D	04/06/2016		150.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/25/2016		132.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	08/09/2016		120.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	09/27/2016		107.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/29/2016		127.0000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-7D	01/25/2017		150.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/23/2017		136.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	08/08/2017		152.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/30/2018		120.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	09/18/2018		110.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/15/2019		125.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/06/2019		95.5000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/27/2020		104.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/17/2020		91.7000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/06/2021		96.9000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/02/2021		103.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/04/2022		100.0000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/02/2022		93.7000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/26/2023		94.9000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/09/2023		80.8000	*	20.0000
Lithium, Total	ug/L	MW-7D	05/08/2024		96.8000	*	20.0000
Lithium, Total	ug/L	MW-7D	11/14/2024		80.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	04/06/2016		104.0000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/25/2016		79.6000	*	20.0000
Lithium, Total	ug/L	MW-9I	08/08/2016		68.6000	*	20.0000
Lithium, Total	ug/L	MW-9I	09/27/2016		58.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	11/28/2016		62.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	01/25/2017		59.6000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/23/2017		51.5000	*	20.0000
Lithium, Total	ug/L	MW-9I	08/08/2017		56.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/30/2018		35.4000	*	20.0000
Lithium, Total	ug/L	MW-9I	09/17/2018		37.0000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/16/2019		38.4000	*	20.0000
Lithium, Total	ug/L	MW-9I	11/06/2019		30.2000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/19/2020		30.6000	*	20.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Lithium, Total	ug/L	MW-9I	11/04/2020		23.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/03/2021		30.5000	*	20.0000
Lithium, Total	ug/L	MW-9I	11/04/2021		28.5000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/06/2022		25.6000	*	20.0000
Lithium, Total	ug/L	MW-9I	11/02/2022		22.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/24/2023	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-9I	11/03/2023		25.3000	*	20.0000
Lithium, Total	ug/L	MW-9I	05/07/2024		56.8000	*	20.0000
Lithium, Total	ug/L	MW-9I	11/01/2024		38.3000	*	20.0000
Molybdenum, Total	ug/L	MW-10D	04/06/2016		264.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/25/2016		288.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	08/09/2016		290.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	09/27/2016		259.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	11/29/2016		274.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	01/25/2017		251.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/23/2017		235.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	08/08/2017		220.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/30/2018		168.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	09/18/2018		141.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/16/2019		99.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	11/05/2019		76.5000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/19/2020		72.8000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	11/05/2020		88.6000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/06/2021		97.2000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	11/02/2021		84.1000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/02/2022		82.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	11/03/2022		100.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/25/2023		74.9000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	11/08/2023		68.8000	*	10.0000
Molybdenum, Total	ug/L	MW-10D	05/21/2024		58.9000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-10D	11/11/2024		57.6000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	04/06/2016		324.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/25/2016		299.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	08/09/2016		279.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	09/27/2016		247.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/29/2016		241.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	01/25/2017		200.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/23/2017		219.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	08/08/2017		166.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/30/2018		138.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	09/18/2018		117.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/16/2019		93.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/05/2019		93.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/19/2020		82.7000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/05/2020		77.4000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/06/2021		72.2000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/02/2021		71.2000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/02/2022		65.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/03/2022		69.6000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/25/2023		60.6000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/08/2023		162.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	05/21/2024		111.0000	*	10.0000
Molybdenum, Total	ug/L	MW-10S	11/12/2024		154.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	04/06/2016		286.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/25/2016		257.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	08/09/2016		270.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	09/27/2016		274.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/29/2016		249.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	01/25/2017		254.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/23/2017		214.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-12D	08/08/2017		232.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/30/2018		232.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	09/17/2018		239.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/16/2019		219.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/06/2019		218.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/18/2020		227.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/05/2020		200.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/03/2021		173.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/01/2021		176.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/06/2022		154.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/02/2022		166.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/25/2023		146.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/07/2023		113.0000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	05/09/2024		73.4000	*	10.0000
Molybdenum, Total	ug/L	MW-12D	11/12/2024		77.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	04/06/2016		646.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/25/2016		575.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	08/09/2016		671.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	09/27/2016		647.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	11/29/2016		695.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	01/25/2017		704.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/23/2017		667.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	08/08/2017		651.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/30/2018		922.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	09/18/2018		857.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/16/2019		1090.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	11/06/2019		880.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/19/2020		881.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	11/05/2020		859.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/06/2021		762.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-13D	11/01/2021		599.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/04/2022		565.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	11/01/2022		503.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/26/2023		414.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	11/09/2023		338.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	05/03/2024		304.0000	*	10.0000
Molybdenum, Total	ug/L	MW-13D	11/13/2024		270.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	04/07/2016		234.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/26/2016		205.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	08/09/2016		159.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	09/27/2016		130.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/29/2016		128.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	01/26/2017		121.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/23/2017		97.0000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	08/09/2017		76.2000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/29/2018		63.5000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	09/17/2018		51.2000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/15/2019		54.5000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/07/2019		47.8000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/26/2020		44.9000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/06/2020		34.6000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/05/2021		39.8000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/03/2021		33.6000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/09/2022		37.7000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/09/2022		27.2000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/23/2023		28.7000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/22/2023		18.7000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	05/06/2024		20.4000	*	10.0000
Molybdenum, Total	ug/L	MW-1D	11/14/2024		17.3000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	04/06/2016		423.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-7D	05/25/2016		445.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	08/09/2016		460.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	09/27/2016		448.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/29/2016		488.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	01/25/2017		461.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/23/2017		441.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	08/08/2017		455.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/30/2018		544.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	09/18/2018		574.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/15/2019		616.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/06/2019		617.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/27/2020		736.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/17/2020		697.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/06/2021		704.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/02/2021		688.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/04/2022		592.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/02/2022		632.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/26/2023		548.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/09/2023		469.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	05/08/2024		449.0000	*	10.0000
Molybdenum, Total	ug/L	MW-7D	11/14/2024		409.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	04/06/2016		214.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/25/2016		218.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	08/08/2016		201.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	09/27/2016		191.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/28/2016		189.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	01/25/2017		157.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/23/2017		130.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	08/08/2017		115.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/30/2018		125.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-9I	09/17/2018		110.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/16/2019		96.8000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/06/2019		91.2000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/19/2020		95.9000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/04/2020		89.2000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/03/2021		134.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/04/2021		123.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/06/2022		111.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/02/2022		122.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/24/2023		111.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/03/2023		89.6000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	05/07/2024		127.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9I	11/01/2024		129.0000	*	10.0000
Total Radium	pCi/L	MW-12D	04/06/2016		1.8400		2.3469
Total Radium	pCi/L	MW-12D	05/25/2016	ND	1.7500		2.3469
Total Radium	pCi/L	MW-12D	08/09/2016		2.2100		2.3469
Total Radium	pCi/L	MW-12D	09/27/2016		1.4200		2.3469
Total Radium	pCi/L	MW-12D	11/29/2016		2.0200		2.3469
Total Radium	pCi/L	MW-12D	01/25/2017	ND	1.5400		2.3469
Total Radium	pCi/L	MW-12D	05/23/2017		1.5200		2.3469
Total Radium	pCi/L	MW-12D	08/08/2017		1.8200		2.3469
Total Radium	pCi/L	MW-12D	05/30/2018		1.1000		2.3469
Total Radium	pCi/L	MW-12D	09/17/2018		1.0800		2.3469
Total Radium	pCi/L	MW-12D	05/16/2019	ND	1.5300		2.3469
Total Radium	pCi/L	MW-12D	11/06/2019		1.3600		2.3469
Total Radium	pCi/L	MW-12D	05/18/2020		0.8860		2.3469
Total Radium	pCi/L	MW-12D	11/05/2020		1.1300		2.3469
Total Radium	pCi/L	MW-12D	05/03/2021	ND	2.0700		2.3469
Total Radium	pCi/L	MW-12D	11/01/2021		0.9600		2.3469
Total Radium	pCi/L	MW-12D	05/06/2022		1.3900		2.3469

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-12D	11/02/2022		1.0200		2.3469
Total Radium	pCi/L	MW-12D	05/25/2023		1.0400		2.3469
Total Radium	pCi/L	MW-12D	11/07/2023		0.8680		2.3469
Total Radium	pCi/L	MW-12D	05/09/2024		1.8400		2.3469
Total Radium	pCi/L	MW-12D	11/12/2024		4.2700	*	2.3469

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

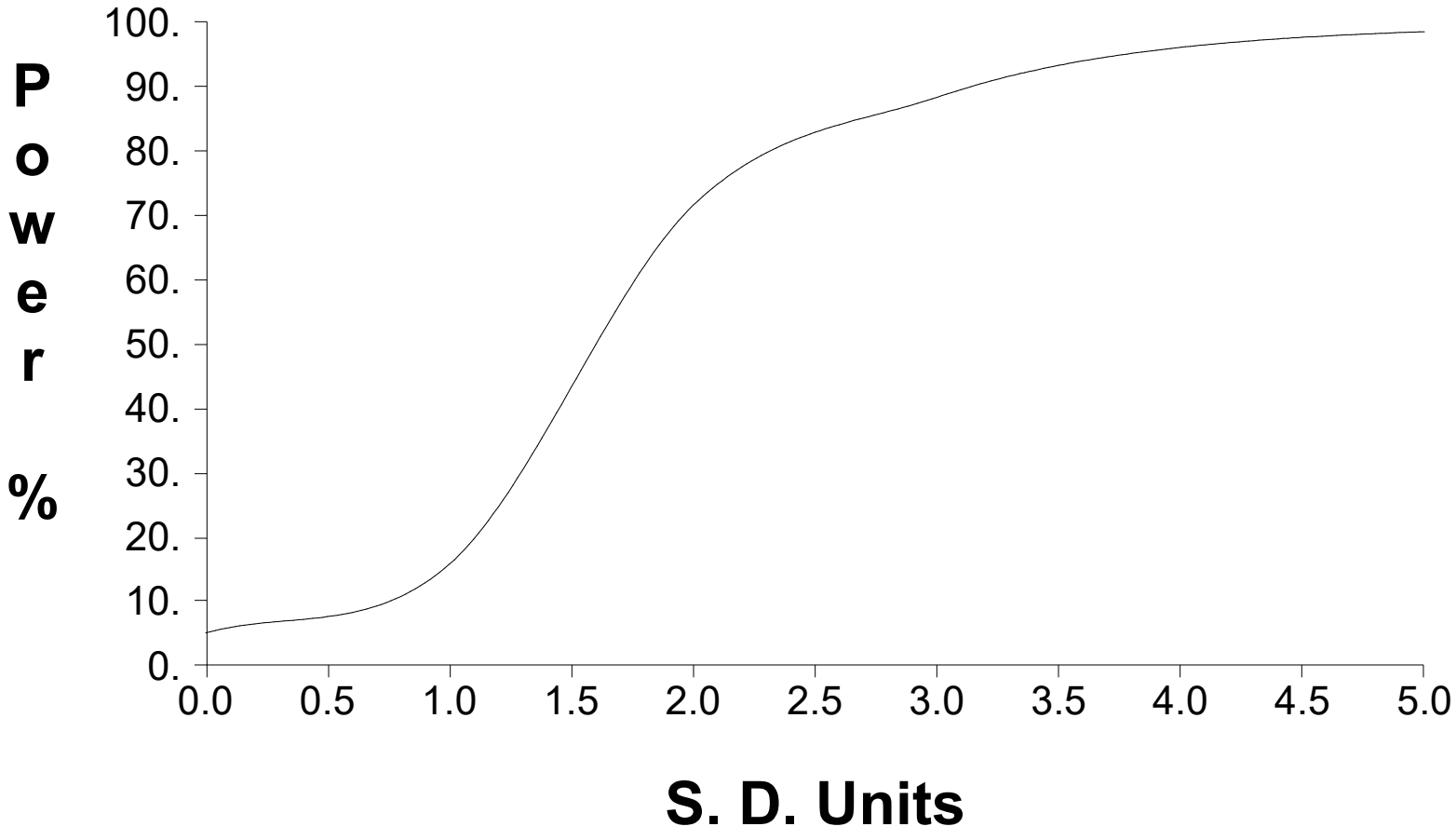


Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Antimony, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/03/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/03/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/03/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/29/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/15/2024	ND	1.0000		
Arsenic, Total	ug/L	MW-15D	09/18/2018		1.3000		
Arsenic, Total	ug/L	MW-15D	11/29/2018		1.2000		
Arsenic, Total	ug/L	MW-15D	02/04/2019		1.3000		
Arsenic, Total	ug/L	MW-15D	03/25/2019		1.1000		
Arsenic, Total	ug/L	MW-15D	05/14/2019		1.0000		
Arsenic, Total	ug/L	MW-15D	07/24/2019		1.1000		
Arsenic, Total	ug/L	MW-15D	11/05/2019		1.1000		
Arsenic, Total	ug/L	MW-15D	01/29/2020		1.1000		
Arsenic, Total	ug/L	MW-15D	05/27/2020		1.2000		
Arsenic, Total	ug/L	MW-15D	11/03/2020		1.7000		
Arsenic, Total	ug/L	MW-15D	05/06/2021		1.1000		
Arsenic, Total	ug/L	MW-15D	11/03/2021		1.2000		
Arsenic, Total	ug/L	MW-15D	05/11/2022		1.2000		
Arsenic, Total	ug/L	MW-15D	11/03/2022		1.1000		
Arsenic, Total	ug/L	MW-15D	05/18/2023		1.5000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Arsenic, Total	ug/L	MW-15D	11/29/2023		1.1000		
Arsenic, Total	ug/L	MW-15D	05/10/2024		1.4000		
Arsenic, Total	ug/L	MW-15D	11/15/2024		1.3000		
Barium, Total	ug/L	MW-15D	09/18/2018		71.4000		
Barium, Total	ug/L	MW-15D	11/29/2018		67.8000		
Barium, Total	ug/L	MW-15D	02/04/2019		69.6000		
Barium, Total	ug/L	MW-15D	03/25/2019		68.4000		
Barium, Total	ug/L	MW-15D	05/14/2019		65.6000		
Barium, Total	ug/L	MW-15D	07/24/2019		64.6000		
Barium, Total	ug/L	MW-15D	11/05/2019		65.3000		
Barium, Total	ug/L	MW-15D	01/29/2020		65.2000		
Barium, Total	ug/L	MW-15D	05/27/2020		64.2000		
Barium, Total	ug/L	MW-15D	11/03/2020		63.2000		
Barium, Total	ug/L	MW-15D	05/06/2021		68.9000		
Barium, Total	ug/L	MW-15D	11/03/2021		69.2000		
Barium, Total	ug/L	MW-15D	05/11/2022		75.1000		
Barium, Total	ug/L	MW-15D	11/03/2022		73.6000		
Barium, Total	ug/L	MW-15D	05/18/2023		75.0000		
Barium, Total	ug/L	MW-15D	11/29/2023		73.5000		
Barium, Total	ug/L	MW-15D	05/10/2024		63.7000		
Barium, Total	ug/L	MW-15D	11/15/2024		72.9000		
Beryllium, Total	ug/L	MW-15D	09/18/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/29/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	02/04/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	03/25/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/14/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	07/24/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/05/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	01/29/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/27/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/03/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/06/2021	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/11/2022	ND	0.2000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Beryllium, Total	ug/L	MW-15D	05/18/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/29/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/10/2024	ND	0.2000		
Cadmium, Total	ug/L	MW-15D	09/18/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/29/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	02/04/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	03/25/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/14/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	07/24/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/05/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	01/29/2020	ND	1.0000	2.0000	**
Cadmium, Total	ug/L	MW-15D	05/27/2020	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/06/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/03/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/11/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/03/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/18/2023	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/10/2024	ND	2.0000		
Chromium, Total	ug/L	MW-15D	09/18/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/29/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15D	02/04/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	03/25/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/14/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	07/24/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/05/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	01/29/2020	ND	20.0000	10.0000	**
Chromium, Total	ug/L	MW-15D	05/27/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/03/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/06/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/03/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/11/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/03/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/18/2023	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Chromium, Total	ug/L	MW-15D	05/10/2024	ND	10.0000		
Cobalt, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/03/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/03/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/03/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/29/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/15/2024	ND	1.0000		
Fluoride	mg/L	MW-15D	09/18/2018	ND	0.1000		
Fluoride	mg/L	MW-15D	11/29/2018		0.1200		
Fluoride	mg/L	MW-15D	02/04/2019		0.1200		
Fluoride	mg/L	MW-15D	03/25/2019		0.1300		
Fluoride	mg/L	MW-15D	05/14/2019		0.1100		
Fluoride	mg/L	MW-15D	07/24/2019	ND	0.1000		
Fluoride	mg/L	MW-15D	11/05/2019	ND	0.1000		
Fluoride	mg/L	MW-15D	01/29/2020		0.1000		
Fluoride	mg/L	MW-15D	05/27/2020		0.1100		
Fluoride	mg/L	MW-15D	11/03/2020	ND	0.1000		
Fluoride	mg/L	MW-15D	05/06/2021	ND	0.1000		
Fluoride	mg/L	MW-15D	11/03/2021	ND	0.1000		
Fluoride	mg/L	MW-15D	05/11/2022		0.1200		
Fluoride	mg/L	MW-15D	11/03/2022	ND	0.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Fluoride	mg/L	MW-15D	05/18/2023		0.1000		
Fluoride	mg/L	MW-15D	11/29/2023	ND	0.1000		
Fluoride	mg/L	MW-15D	05/10/2024	ND	0.1000		
Fluoride	mg/L	MW-15D	11/15/2024	ND	0.1000		
Lead, Total	ug/L	MW-15D	09/18/2018	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/29/2018	ND	10.0000		
Lead, Total	ug/L	MW-15D	02/04/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	03/25/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/14/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	07/24/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/05/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	01/29/2020	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/27/2020	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/03/2020	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/06/2021	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/03/2021	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/11/2022	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/03/2022	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/18/2023	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/10/2024	ND	10.0000		
Lithium, Total	ug/L	MW-15D	09/18/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/29/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15D	02/04/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	03/25/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/14/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	07/24/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/05/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	01/29/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/27/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/03/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/06/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/03/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/11/2022	ND	20.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Lithium, Total	ug/L	MW-15D	11/03/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/18/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/29/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/10/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/15/2024	ND	20.0000		
Mercury	ug/L	MW-15D	09/18/2018	ND	2.0000		
Mercury	ug/L	MW-15D	11/29/2018	ND	2.0000		
Mercury	ug/L	MW-15D	02/04/2019	ND	2.0000		
Mercury	ug/L	MW-15D	03/25/2019	ND	2.0000		
Mercury	ug/L	MW-15D	05/14/2019	ND	2.0000		
Mercury	ug/L	MW-15D	07/24/2019	ND	2.0000		
Mercury	ug/L	MW-15D	11/05/2019	ND	2.0000		
Mercury	ug/L	MW-15D	01/29/2020	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	05/27/2020	ND	2.0000		
Mercury	ug/L	MW-15D	05/06/2021	ND	2.0000		
Mercury	ug/L	MW-15D	05/11/2022	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	05/18/2023	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	05/10/2024	ND	0.2000	2.0000	**
Molybdenum, Total	ug/L	MW-15D	09/18/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/29/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	02/04/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	03/25/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/14/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	07/24/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/05/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	01/29/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/27/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/03/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/06/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/03/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/11/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/03/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/18/2023	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Molybdenum, Total	ug/L	MW-15D	11/29/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/10/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/15/2024	ND	10.0000		
Selenium, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Selenium, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/03/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/03/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/03/2022	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/29/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/15/2024	ND	1.0000		
Thallium, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Thallium, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Total Radium	pCi/L	MW-15D	09/18/2018		1.1700		
Total Radium	pCi/L	MW-15D	11/29/2018		1.6500		
Total Radium	pCi/L	MW-15D	02/04/2019		1.0600		
Total Radium	pCi/L	MW-15D	03/25/2019		1.4600		
Total Radium	pCi/L	MW-15D	05/14/2019		2.0600		
Total Radium	pCi/L	MW-15D	07/24/2019		1.4500		
Total Radium	pCi/L	MW-15D	11/05/2019		1.1000		
Total Radium	pCi/L	MW-15D	01/29/2020		0.8340		
Total Radium	pCi/L	MW-15D	05/27/2020		1.2100		
Total Radium	pCi/L	MW-15D	11/03/2020		1.4300		
Total Radium	pCi/L	MW-15D	05/06/2021		1.7400		
Total Radium	pCi/L	MW-15D	11/03/2021		1.1300		
Total Radium	pCi/L	MW-15D	05/11/2022	ND	2.1300		
Total Radium	pCi/L	MW-15D	11/03/2022		1.3100		
Total Radium	pCi/L	MW-15D	05/18/2023		1.4700		
Total Radium	pCi/L	MW-15D	11/29/2023		1.4100		
Total Radium	pCi/L	MW-15D	05/10/2024		1.2800		
Total Radium	pCi/L	MW-15D	11/15/2024		1.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-3D	11/08/2024	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-9D	11/01/2024	ND	1.0000		1.0000
Arsenic, Total	ug/L	MW-3D	11/08/2024		2.7000	***	1.7183
Arsenic, Total	ug/L	MW-9D	11/01/2024		119.0000	***	1.7183
Barium, Total	ug/L	MW-3D	11/08/2024		60.6000		79.4369
Barium, Total	ug/L	MW-9D	11/01/2024		32.3000		79.4369
Beryllium, Total	ug/L	MW-3D	05/07/2024	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-9D	05/07/2024	ND	0.2000		0.2000
Cadmium, Total	ug/L	MW-3D	05/07/2024	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9D	05/07/2024	ND	2.0000		2.0000
Chromium, Total	ug/L	MW-3D	05/07/2024	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9D	05/07/2024	ND	10.0000		10.0000
Cobalt, Total	ug/L	MW-3D	11/08/2024	ND	1.0000		1.0000
Cobalt, Total	ug/L	MW-9D	11/01/2024	ND	1.0000		1.0000
Fluoride	mg/L	MW-3D	11/08/2024		0.2500	***	0.1300
Fluoride	mg/L	MW-9D	11/01/2024		0.8200	***	0.1300
Lead, Total	ug/L	MW-3D	05/07/2024	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9D	05/07/2024	ND	10.0000		10.0000
Lithium, Total	ug/L	MW-3D	11/08/2024	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-9D	11/01/2024		21.1000	***	20.0000
Mercury	ug/L	MW-3D	05/07/2024	ND	0.2000		2.0000
Mercury	ug/L	MW-9D	05/07/2024	ND	0.2000		2.0000
Molybdenum, Total	ug/L	MW-3D	11/08/2024	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-9D	11/01/2024		94.5000	***	10.0000
Selenium, Total	ug/L	MW-3D	11/08/2024	ND	1.0000		1.0000
Selenium, Total	ug/L	MW-9D	11/01/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-3D	05/07/2024	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9D	05/07/2024	ND	1.0000		1.0000
Total Radium	pCi/L	MW-3D	11/08/2024		0.8990		2.3935
Total Radium	pCi/L	MW-9D	11/01/2024		1.7400		2.3935

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Antimony, Total	0	18	0.000	0	46	0.000
Arsenic, Total	18	18	1.000	28	46	0.609
Barium, Total	18	18	1.000	46	46	1.000
Beryllium, Total	0	15	0.000	0	38	0.000
Cadmium, Total	0	15	0.000	0	38	0.000
Chromium, Total	0	16	0.000	0	40	0.000
Cobalt, Total	0	18	0.000	0	44	0.000
Fluoride	8	18	0.444	48	48	1.000
Lead, Total	0	16	0.000	0	40	0.000
Lithium, Total	0	18	0.000	29	46	0.630
Mercury	0	13	0.000	0	32	0.000
Molybdenum, Total	0	18	0.000	37	46	0.804
Selenium, Total	0	18	0.000	0	46	0.000
Thallium, Total	0	13	0.000	0	34	0.000
Total Radium	17	18	0.944	37	46	0.804

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro-Wilk Multiple Group Test of Normality

Constituent	Detect	N	Detect Freq	G raw	G log	G cbrt	G sqrt	G sqr	G cub	Crit Value	Dist Form	Model Type
Antimony, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Arsenic, Total	18	18	1.000	2.471	1.894					2.326	lognor	lognor
Barium, Total	18	18	1.000	1.134	1.073					2.326	normal	normal
Beryllium, Total	0	15	0.000	4.373	4.373					2.326	non-norm	nonpar
Cadmium, Total	0	15	0.000	4.373	4.373					2.326	non-norm	nonpar
Chromium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Cobalt, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Fluoride	8	18	0.444	4.437	4.423					2.326	non-norm	nonpar
Lead, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Lithium, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Mercury	0	13	0.000	3.936	3.936					2.326	non-norm	nonpar
Molybdenum, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Selenium, Total	0	18	0.000	4.885	4.885					2.326	non-norm	nonpar
Thallium, Total	0	13	0.000	3.936	3.936					2.326	non-norm	nonpar
Total Radium	17	18	0.944	0.778	0.748					2.326	normal	normal

* - Distribution override for that constituent.
Fit to distribution is confirmed if G <= critical value.
Model type may not match distributional form when detection frequency < 50%.

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Detect	N	Mean	SD	alpha	Factor	Pred Limit	Type		Conf
Antimony, Total	ug/L	0	18					1.0000	nonpar	***	0.99
Arsenic, Total	ug/L	18	18	0.1920	0.1325	0.0100	2.6358	1.7183	lognor		
Barium, Total	ug/L	18	18	68.7333	4.0609	0.0100	2.6358	79.4369	normal		
Beryllium, Total	ug/L	0	15					0.2000	nonpar	***	0.99
Cadmium, Total	ug/L	0	15					2.0000	nonpar	***	0.99
Chromium, Total	ug/L	0	16					10.0000	nonpar	***	0.99
Cobalt, Total	ug/L	0	18					1.0000	nonpar	***	0.99
Fluoride	mg/L	8	18					0.1300	nonpar		0.99
Lead, Total	ug/L	0	16					10.0000	nonpar	***	0.99
Lithium, Total	ug/L	0	18					20.0000	nonpar	***	0.99
Mercury	ug/L	0	13					2.0000	nonpar	***	0.98
Molybdenum, Total	ug/L	0	18					10.0000	nonpar	***	0.99
Selenium, Total	ug/L	0	18					1.0000	nonpar	***	0.99
Thallium, Total	ug/L	0	13					1.0000	nonpar	***	0.98
Total Radium	pCi/L	17	18	1.2702	0.4262	0.0100	2.6358	2.3935	normal		

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
* - Insufficient Data.
** - Calculated limit raised to Manual Reporting Limit.
*** - Nonparametric limit based on ND value.
For transformed data, mean and SD in transformed units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Dixon's Test Outliers
1% Significance Level

Constituent	Units	Well	Date	Result	ND Qualifier	Date Range	N	Critical Value

N = Total number of independent measurements in background at each well.
Date Range = Dates of the first and last measurements included in background at each well.
Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-3D	04/05/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	05/25/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	08/08/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	09/26/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	11/28/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	01/24/2017	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	05/22/2017	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	08/07/2017	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	05/29/2018	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-3D	09/17/2018		2.7000	*	1.7183
Arsenic, Total	ug/L	MW-3D	05/15/2019		2.9000	*	1.7183
Arsenic, Total	ug/L	MW-3D	11/06/2019		2.9000	*	1.7183
Arsenic, Total	ug/L	MW-3D	05/18/2020		3.3000	*	1.7183
Arsenic, Total	ug/L	MW-3D	11/03/2020		2.9000	*	1.7183
Arsenic, Total	ug/L	MW-3D	05/03/2021		3.8000	*	1.7183
Arsenic, Total	ug/L	MW-3D	11/01/2021		3.4000	*	1.7183
Arsenic, Total	ug/L	MW-3D	05/02/2022		3.3000	*	1.7183
Arsenic, Total	ug/L	MW-3D	11/08/2022		4.2000	*	1.7183
Arsenic, Total	ug/L	MW-3D	01/19/2023		3.1000	*	1.7183
Arsenic, Total	ug/L	MW-3D	03/24/2023		3.2000	*	1.7183
Arsenic, Total	ug/L	MW-3D	05/18/2023		4.1000	*	1.7183
Arsenic, Total	ug/L	MW-3D	11/27/2023		3.3000	*	1.7183
Arsenic, Total	ug/L	MW-3D	05/07/2024		3.3000	*	1.7183
Arsenic, Total	ug/L	MW-3D	11/08/2024		2.7000	*	1.7183
Arsenic, Total	ug/L	MW-9D	04/06/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	05/25/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	08/08/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	09/27/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	11/29/2016	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	01/25/2017	ND	10.0000		1.7183

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Arsenic, Total	ug/L	MW-9D	05/23/2017	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	08/08/2017	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	05/30/2018	ND	10.0000		1.7183
Arsenic, Total	ug/L	MW-9D	09/17/2018		2.8000	*	1.7183
Arsenic, Total	ug/L	MW-9D	05/16/2019		2.1000	*	1.7183
Arsenic, Total	ug/L	MW-9D	11/06/2019		3.2000	*	1.7183
Arsenic, Total	ug/L	MW-9D	05/19/2020		5.3000	*	1.7183
Arsenic, Total	ug/L	MW-9D	11/04/2020		4.7000	*	1.7183
Arsenic, Total	ug/L	MW-9D	05/03/2021		8.7000	*	1.7183
Arsenic, Total	ug/L	MW-9D	11/04/2021		9.0000	*	1.7183
Arsenic, Total	ug/L	MW-9D	05/06/2022		21.3000	*	1.7183
Arsenic, Total	ug/L	MW-9D	11/02/2022		17.8000	*	1.7183
Arsenic, Total	ug/L	MW-9D	05/24/2023		23.2000	*	1.7183
Arsenic, Total	ug/L	MW-9D	11/03/2023		53.2000	*	1.7183
Arsenic, Total	ug/L	MW-9D	05/07/2024		140.0000	*	1.7183
Arsenic, Total	ug/L	MW-9D	11/01/2024		119.0000	*	1.7183
Fluoride	mg/L	MW-3D	04/05/2016		0.3300	*	0.1300
Fluoride	mg/L	MW-3D	05/25/2016		0.4300	*	0.1300
Fluoride	mg/L	MW-3D	08/08/2016		0.4100	*	0.1300
Fluoride	mg/L	MW-3D	09/26/2016		0.4400	*	0.1300
Fluoride	mg/L	MW-3D	11/28/2016		0.4200	*	0.1300
Fluoride	mg/L	MW-3D	01/24/2017		0.4000	*	0.1300
Fluoride	mg/L	MW-3D	05/22/2017		0.3800	*	0.1300
Fluoride	mg/L	MW-3D	08/07/2017		0.4000	*	0.1300
Fluoride	mg/L	MW-3D	09/20/2017		0.4000	*	0.1300
Fluoride	mg/L	MW-3D	05/29/2018		0.2900	*	0.1300
Fluoride	mg/L	MW-3D	09/17/2018		0.2800	*	0.1300
Fluoride	mg/L	MW-3D	05/15/2019		0.2400	*	0.1300
Fluoride	mg/L	MW-3D	11/06/2019		0.2100	*	0.1300
Fluoride	mg/L	MW-3D	05/18/2020		0.2300	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-3D	11/03/2020		0.2000	*	0.1300
Fluoride	mg/L	MW-3D	05/03/2021		0.1800	*	0.1300
Fluoride	mg/L	MW-3D	11/01/2021		0.1500	*	0.1300
Fluoride	mg/L	MW-3D	05/02/2022		0.1400	*	0.1300
Fluoride	mg/L	MW-3D	11/08/2022		0.2500	*	0.1300
Fluoride	mg/L	MW-3D	01/19/2023		0.2100	*	0.1300
Fluoride	mg/L	MW-3D	03/24/2023		0.1900	*	0.1300
Fluoride	mg/L	MW-3D	05/18/2023		0.2300	*	0.1300
Fluoride	mg/L	MW-3D	11/27/2023		0.1600	*	0.1300
Fluoride	mg/L	MW-3D	05/07/2024		0.2100	*	0.1300
Fluoride	mg/L	MW-3D	11/08/2024		0.2500	*	0.1300
Fluoride	mg/L	MW-9D	04/06/2016		0.3400	*	0.1300
Fluoride	mg/L	MW-9D	05/25/2016		0.3900	*	0.1300
Fluoride	mg/L	MW-9D	08/08/2016		0.3900	*	0.1300
Fluoride	mg/L	MW-9D	09/27/2016		0.4000	*	0.1300
Fluoride	mg/L	MW-9D	11/29/2016		0.4400	*	0.1300
Fluoride	mg/L	MW-9D	01/25/2017		0.4000	*	0.1300
Fluoride	mg/L	MW-9D	05/23/2017		0.4600	*	0.1300
Fluoride	mg/L	MW-9D	08/08/2017		0.4900	*	0.1300
Fluoride	mg/L	MW-9D	09/20/2017		0.5200	*	0.1300
Fluoride	mg/L	MW-9D	05/30/2018		0.4500	*	0.1300
Fluoride	mg/L	MW-9D	09/17/2018		0.4300	*	0.1300
Fluoride	mg/L	MW-9D	05/16/2019		0.4400	*	0.1300
Fluoride	mg/L	MW-9D	11/06/2019		0.4400	*	0.1300
Fluoride	mg/L	MW-9D	05/19/2020		0.4600	*	0.1300
Fluoride	mg/L	MW-9D	11/04/2020		0.4200	*	0.1300
Fluoride	mg/L	MW-9D	05/03/2021		0.4000	*	0.1300
Fluoride	mg/L	MW-9D	11/04/2021		0.3600	*	0.1300
Fluoride	mg/L	MW-9D	05/06/2022		0.4800	*	0.1300
Fluoride	mg/L	MW-9D	11/02/2022		0.4500	*	0.1300

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-9D	05/24/2023		0.4800	*	0.1300
Fluoride	mg/L	MW-9D	11/03/2023		0.5700	*	0.1300
Fluoride	mg/L	MW-9D	05/07/2024		0.7900	*	0.1300
Fluoride	mg/L	MW-9D	11/01/2024		0.8200	*	0.1300
Lithium, Total	ug/L	MW-9D	04/06/2016		146.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/25/2016		134.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	08/08/2016		123.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	09/27/2016		102.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	11/29/2016		119.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	01/25/2017		109.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/23/2017		71.9000	*	20.0000
Lithium, Total	ug/L	MW-9D	08/08/2017		65.9000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/30/2018		48.2000	*	20.0000
Lithium, Total	ug/L	MW-9D	09/17/2018		43.5000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/16/2019		44.4000	*	20.0000
Lithium, Total	ug/L	MW-9D	11/06/2019		33.6000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/19/2020		32.1000	*	20.0000
Lithium, Total	ug/L	MW-9D	11/04/2020		25.2000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/03/2021		25.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	11/04/2021		23.0000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/06/2022		22.6000	*	20.0000
Lithium, Total	ug/L	MW-9D	11/02/2022	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-9D	05/24/2023	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-9D	11/03/2023		24.9000	*	20.0000
Lithium, Total	ug/L	MW-9D	05/07/2024		36.8000	*	20.0000
Lithium, Total	ug/L	MW-9D	11/01/2024		21.1000	*	20.0000
Molybdenum, Total	ug/L	MW-9D	04/06/2016		130.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/25/2016		132.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	08/08/2016		128.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	09/27/2016		122.0000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

Table 7

Historical Downgradient Data for Constituent-Well Combinations that Failed the Current Statistical Evaluation or are in Verification Resampling Mode

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-9D	11/29/2016		140.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	01/25/2017		143.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/23/2017		124.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	08/08/2017		96.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/30/2018		109.0000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	09/17/2018		85.5000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/16/2019		50.4000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	11/06/2019		53.3000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/19/2020		55.5000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	11/04/2020		45.2000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/03/2021		49.6000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	11/04/2021		41.3000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/06/2022		47.5000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	11/02/2022		53.2000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/24/2023		47.5000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	11/03/2023		74.4000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	05/07/2024		71.1000	*	10.0000
Molybdenum, Total	ug/L	MW-9D	11/01/2024		94.5000	*	10.0000

* - Significantly increased over background.
** - Detect at limit for 100% NDs in background (NPPL only).
*** - Manual exclusion.
ND = Not Detected, Result = detection limit.

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

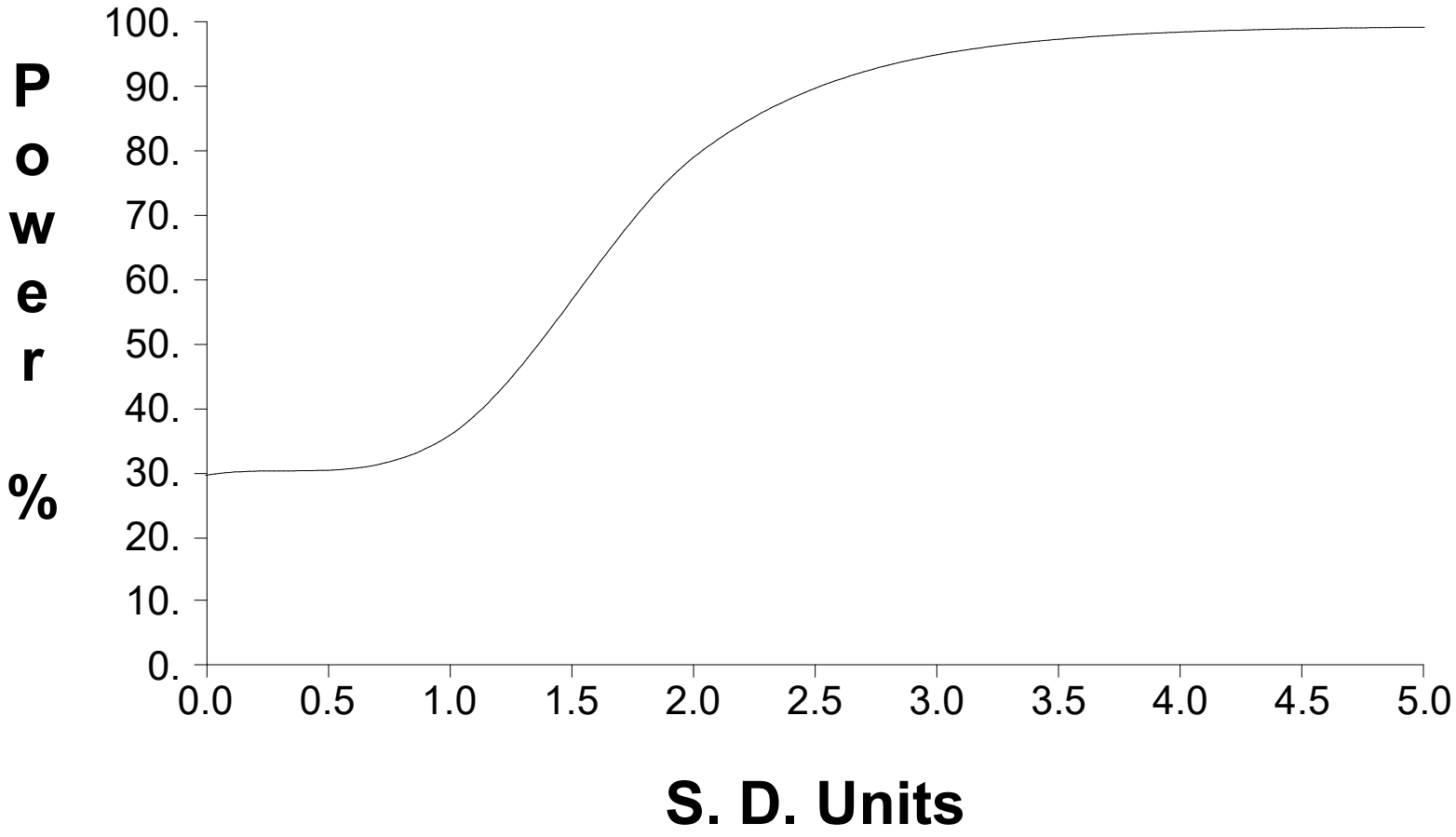


Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Antimony, Total	ug/L	MW-15S	09/18/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15S	06/03/2025	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	09/18/2018		6.4000		
Arsenic, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Arsenic, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Arsenic, Total	ug/L	MW-15S	06/03/2025	ND	1.0000		
Barium, Total	ug/L	MW-15S	09/18/2018		62.9000		
Barium, Total	ug/L	MW-15S	11/29/2018		63.8000		
Barium, Total	ug/L	MW-15S	02/04/2019		54.5000		
Barium, Total	ug/L	MW-15S	03/25/2019		50.4000		
Barium, Total	ug/L	MW-15S	05/14/2019		42.8000		
Barium, Total	ug/L	MW-15S	07/24/2019		60.7000		
Barium, Total	ug/L	MW-15S	11/05/2019		69.4000		
Barium, Total	ug/L	MW-15S	01/29/2020		51.1000		
Barium, Total	ug/L	MW-15S	05/27/2020		55.8000		
Barium, Total	ug/L	MW-15S	11/03/2020		61.0000		
Barium, Total	ug/L	MW-15S	05/06/2021		51.8000		
Barium, Total	ug/L	MW-15S	11/03/2021		61.2000		
Barium, Total	ug/L	MW-15S	05/05/2022		49.0000		
Barium, Total	ug/L	MW-15S	11/11/2022		61.1000		
Barium, Total	ug/L	MW-15S	05/18/2023		48.6000		
Barium, Total	ug/L	MW-15S	05/10/2024		39.5000		
Barium, Total	ug/L	MW-15S	06/03/2025		30.8000		
Beryllium, Total	ug/L	MW-15S	09/18/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	11/29/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	02/04/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	03/25/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/14/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	07/24/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	11/05/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	01/29/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/27/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	11/03/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/06/2021	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/05/2022	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/18/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	05/10/2024	ND	0.2000		
Beryllium, Total	ug/L	MW-15S	06/03/2025	ND	0.2000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Cadmium, Total	ug/L	MW-15S	09/18/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/29/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	02/04/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	03/25/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/14/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	07/24/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/05/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	01/29/2020	ND	1.0000	2.0000	**
Cadmium, Total	ug/L	MW-15S	05/27/2020	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/06/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/03/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/05/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	11/11/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/18/2023	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	05/10/2024	ND	2.0000		
Cadmium, Total	ug/L	MW-15S	06/03/2025	ND	2.0000		
Chromium, Total	ug/L	MW-15S	09/18/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/29/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15S	02/04/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	03/25/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/14/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	07/24/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/05/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15S	01/29/2020	ND	20.0000	10.0000	**
Chromium, Total	ug/L	MW-15S	05/27/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/03/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/06/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/03/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/05/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15S	11/11/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/18/2023	ND	10.0000		
Chromium, Total	ug/L	MW-15S	05/10/2024	ND	10.0000		
Chromium, Total	ug/L	MW-15S	06/03/2025	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Cobalt, Total	ug/L	MW-15S	09/18/2018		2.3000		
Cobalt, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Cobalt, Total	ug/L	MW-15S	06/03/2025	ND	1.0000		
Fluoride	mg/L	MW-15S	09/18/2018	ND	0.1000		
Fluoride	mg/L	MW-15S	11/29/2018		0.1200		
Fluoride	mg/L	MW-15S	02/04/2019		0.1100		
Fluoride	mg/L	MW-15S	03/25/2019		0.1200		
Fluoride	mg/L	MW-15S	05/14/2019		0.1000		
Fluoride	mg/L	MW-15S	07/24/2019	ND	0.1000		
Fluoride	mg/L	MW-15S	11/05/2019	ND	0.1000		
Fluoride	mg/L	MW-15S	01/29/2020		0.1100		
Fluoride	mg/L	MW-15S	05/27/2020		0.1100		
Fluoride	mg/L	MW-15S	11/03/2020	ND	0.1000		
Fluoride	mg/L	MW-15S	05/06/2021	ND	0.1000		
Fluoride	mg/L	MW-15S	11/03/2021	ND	0.1000		
Fluoride	mg/L	MW-15S	05/05/2022		0.1200		
Fluoride	mg/L	MW-15S	11/11/2022		0.1400		
Fluoride	mg/L	MW-15S	05/18/2023		0.1100		
Fluoride	mg/L	MW-15S	05/10/2024		0.1300		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Fluoride	mg/L	MW-15S	06/03/2025		0.1000		
Lead, Total	ug/L	MW-15S	09/18/2018	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/29/2018	ND	10.0000		
Lead, Total	ug/L	MW-15S	02/04/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	03/25/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/14/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	07/24/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/05/2019	ND	10.0000		
Lead, Total	ug/L	MW-15S	01/29/2020	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/27/2020	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/03/2020	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/06/2021	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/03/2021	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/05/2022	ND	10.0000		
Lead, Total	ug/L	MW-15S	11/11/2022	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/18/2023	ND	10.0000		
Lead, Total	ug/L	MW-15S	05/10/2024	ND	10.0000		
Lead, Total	ug/L	MW-15S	06/03/2025	ND	10.0000		
Lithium, Total	ug/L	MW-15S	09/18/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/29/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15S	02/04/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	03/25/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/14/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	07/24/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/05/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15S	01/29/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/27/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/03/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/06/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/03/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/05/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15S	11/11/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15S	05/18/2023	ND	20.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Lithium, Total	ug/L	MW-15S	05/10/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15S	06/03/2025	ND	20.0000		
Mercury	ug/L	MW-15S	09/18/2018	ND	2.0000		
Mercury	ug/L	MW-15S	11/29/2018	ND	2.0000		
Mercury	ug/L	MW-15S	02/04/2019	ND	2.0000		
Mercury	ug/L	MW-15S	03/25/2019	ND	2.0000		
Mercury	ug/L	MW-15S	05/14/2019	ND	2.0000		
Mercury	ug/L	MW-15S	07/24/2019	ND	2.0000		
Mercury	ug/L	MW-15S	11/05/2019	ND	2.0000		
Mercury	ug/L	MW-15S	01/29/2020	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15S	05/27/2020	ND	2.0000		
Mercury	ug/L	MW-15S	05/06/2021	ND	2.0000		
Mercury	ug/L	MW-15S	05/05/2022	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15S	05/18/2023	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15S	05/10/2024	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15S	06/03/2025	ND	0.2000	2.0000	**
Molybdenum, Total	ug/L	MW-15S	09/18/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/29/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	02/04/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	03/25/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/14/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	07/24/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/05/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	01/29/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/27/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/03/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/06/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/03/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/05/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	11/11/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/18/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	05/10/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15S	06/03/2025	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Selenium, Total	ug/L	MW-15S	09/18/2018		1.3000		
Selenium, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Selenium, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	07/24/2019		1.1000		
Selenium, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15S	11/03/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15S	11/03/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/05/2022		1.1000		
Selenium, Total	ug/L	MW-15S	11/11/2022	ND	1.0000		
Selenium, Total	ug/L	MW-15S	05/18/2023		1.3000		
Selenium, Total	ug/L	MW-15S	05/10/2024		1.2000		
Selenium, Total	ug/L	MW-15S	06/03/2025	ND	1.0000		
Thallium, Total	ug/L	MW-15S	09/18/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15S	11/29/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15S	02/04/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	03/25/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/14/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	07/24/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	11/05/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15S	01/29/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/27/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/06/2021	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/05/2022	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/18/2023	ND	1.0000		
Thallium, Total	ug/L	MW-15S	05/10/2024	ND	1.0000		
Thallium, Total	ug/L	MW-15S	06/03/2025	ND	1.0000		
Total Radium	pCi/L	MW-15S	09/18/2018		1.3200		
Total Radium	pCi/L	MW-15S	11/29/2018		0.6850		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Total Radium	pCi/L	MW-15S	02/04/2019	ND	0.4960	1.3200	**
Total Radium	pCi/L	MW-15S	03/25/2019		0.8850		
Total Radium	pCi/L	MW-15S	05/14/2019		1.0300		
Total Radium	pCi/L	MW-15S	07/24/2019		1.0300		
Total Radium	pCi/L	MW-15S	11/05/2019		0.7510		
Total Radium	pCi/L	MW-15S	01/29/2020	ND	1.2500	1.3200	**
Total Radium	pCi/L	MW-15S	05/27/2020	ND	1.3200		
Total Radium	pCi/L	MW-15S	11/03/2020	ND	1.2900	1.3200	**
Total Radium	pCi/L	MW-15S	05/06/2021	ND	1.3500	1.3200	**
Total Radium	pCi/L	MW-15S	11/03/2021	ND	2.0200	1.3200	**
Total Radium	pCi/L	MW-15S	05/05/2022		0.5950		
Total Radium	pCi/L	MW-15S	11/11/2022		1.0500		
Total Radium	pCi/L	MW-15S	05/18/2023	ND	1.4500	1.3200	**
Total Radium	pCi/L	MW-15S	05/10/2024	ND	1.6900	1.3200	**
Total Radium	pCi/L	MW-15S	06/03/2025		1.8000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-11S	05/12/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-12S	05/06/2022		2.0000	***	1.0000
Antimony, Total	ug/L	MW-13S	05/27/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-14D	05/07/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-1S	05/21/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-2D	05/20/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-2S	05/20/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-3S	05/08/2025		5.2000	***	1.0000
Antimony, Total	ug/L	MW-4SR	05/07/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-5S	05/09/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-6S	05/08/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-7S	05/23/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-8S	05/22/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-9SR	05/06/2025		1.2000	***	1.0000
Arsenic, Total	ug/L	MW-10S	05/21/2025		252.0000	***	6.4000
Arsenic, Total	ug/L	MW-11S	05/12/2025		5.6000		6.4000
Arsenic, Total	ug/L	MW-12S	05/06/2022		46.0000	***	6.4000
Arsenic, Total	ug/L	MW-13S	05/27/2025		301.0000	***	6.4000
Arsenic, Total	ug/L	MW-14D	05/07/2025		137.0000	***	6.4000
Arsenic, Total	ug/L	MW-1S	05/21/2025		4.5000	**	6.4000
Arsenic, Total	ug/L	MW-2D	05/20/2025		4.5000	**	6.4000
Arsenic, Total	ug/L	MW-2S	05/20/2025		13.0000	***	6.4000
Arsenic, Total	ug/L	MW-3S	05/08/2025		1.4000		6.4000
Arsenic, Total	ug/L	MW-4SR	05/07/2025		2.3000		6.4000
Arsenic, Total	ug/L	MW-5S	05/09/2025		1.4000		6.4000
Arsenic, Total	ug/L	MW-6S	05/08/2025		5.8000	**	6.4000
Arsenic, Total	ug/L	MW-7S	05/23/2025		366.0000	***	6.4000
Arsenic, Total	ug/L	MW-8S	05/22/2025	ND	1.0000		6.4000
Arsenic, Total	ug/L	MW-9SR	05/06/2025	ND	1.0000		6.4000
Barium, Total	ug/L	MW-10S	05/21/2025		67.8000		80.0670

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Barium, Total	ug/L	MW-11S	05/12/2025		100.0000	*	80.0670
Barium, Total	ug/L	MW-12S	05/06/2022		31.1000		80.0670
Barium, Total	ug/L	MW-13S	05/27/2025		49.2000		80.0670
Barium, Total	ug/L	MW-14D	05/07/2025		39.5000		80.0670
Barium, Total	ug/L	MW-1S	05/21/2025		60.8000	**	80.0670
Barium, Total	ug/L	MW-2D	05/20/2025		56.8000		80.0670
Barium, Total	ug/L	MW-2S	05/20/2025		84.1000	***	80.0670
Barium, Total	ug/L	MW-3S	05/08/2025		33.3000		80.0670
Barium, Total	ug/L	MW-4SR	05/07/2025		78.4000		80.0670
Barium, Total	ug/L	MW-5S	05/09/2025		22.9000		80.0670
Barium, Total	ug/L	MW-6S	05/08/2025		102.0000	***	80.0670
Barium, Total	ug/L	MW-7S	05/23/2025		39.5000		80.0670
Barium, Total	ug/L	MW-8S	05/22/2025		59.1000		80.0670
Barium, Total	ug/L	MW-9SR	05/06/2025		44.5000		80.0670
Beryllium, Total	ug/L	MW-10S	05/21/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-11S	05/12/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-12S	05/06/2022	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-13S	05/27/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-14D	05/07/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-1S	05/21/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-2D	05/20/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-2S	05/20/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-3S	05/08/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-4SR	05/07/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-5S	05/09/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-6S	05/08/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-7S	05/23/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-8S	05/22/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-9SR	05/06/2025	ND	0.2000		0.2000
Cadmium, Total	ug/L	MW-10S	05/21/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-11S	05/12/2025	ND	2.0000		2.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Cadmium, Total	ug/L	MW-12S	05/06/2022	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-13S	05/27/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-14D	05/07/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-1S	05/21/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-2D	05/20/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-2S	05/20/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-3S	05/08/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-4SR	05/07/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-5S	05/09/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-6S	05/08/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-7S	05/23/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-8S	05/22/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9SR	05/06/2025	ND	2.0000		2.0000
Chromium, Total	ug/L	MW-10S	05/21/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-11S	05/12/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-12S	05/06/2022	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-13S	05/27/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-14D	05/07/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-1S	05/21/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-2D	05/20/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-2S	05/20/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-3S	05/08/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-4SR	05/07/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-5S	05/09/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-6S	05/08/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-7S	05/23/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-8S	05/22/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9SR	05/06/2025	ND	10.0000		10.0000
Cobalt, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-11S	05/12/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-12S	05/06/2022	ND	1.0000		2.3000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Cobalt, Total	ug/L	MW-13S	05/27/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-14D	05/07/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-1S	05/21/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-2D	05/20/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-2S	05/20/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-3S	05/08/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-4SR	05/07/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-5S	05/09/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-6S	05/08/2025		2.5000	***	2.3000
Cobalt, Total	ug/L	MW-7S	05/23/2025		1.1000		2.3000
Cobalt, Total	ug/L	MW-8S	05/22/2025	ND	1.0000		2.3000
Cobalt, Total	ug/L	MW-9SR	05/06/2025	ND	1.0000		2.3000
Fluoride	mg/L	MW-10S	05/21/2025		1.8000	***	0.1400
Fluoride	mg/L	MW-11S	05/12/2025		1.4000	***	0.1400
Fluoride	mg/L	MW-12S	05/06/2022		2.1000	***	0.1400
Fluoride	mg/L	MW-13S	05/27/2025		0.6400	***	0.1400
Fluoride	mg/L	MW-14D	05/07/2025		0.2000	***	0.1400
Fluoride	mg/L	MW-1S	05/21/2025		0.3300	***	0.1400
Fluoride	mg/L	MW-2D	05/20/2025		0.5800	***	0.1400
Fluoride	mg/L	MW-2S	05/20/2025		0.7300	***	0.1400
Fluoride	mg/L	MW-3S	05/08/2025		0.2200	*	0.1400
Fluoride	mg/L	MW-4SR	05/07/2025	ND	0.1000		0.1400
Fluoride	mg/L	MW-5S	05/09/2025		0.8400	***	0.1400
Fluoride	mg/L	MW-6S	05/08/2025		1.3000	***	0.1400
Fluoride	mg/L	MW-7S	05/23/2025		0.5000	***	0.1400
Fluoride	mg/L	MW-8S	05/22/2025		0.1200		0.1400
Fluoride	mg/L	MW-9SR	05/06/2025		0.3000	***	0.1400
Lead, Total	ug/L	MW-10S	05/21/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-11S	05/12/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-12S	05/06/2022	ND	10.0000		10.0000
Lead, Total	ug/L	MW-13S	05/27/2025	ND	10.0000		10.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Lead, Total	ug/L	MW-14D	05/07/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-1S	05/21/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-2D	05/20/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-2S	05/20/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-3S	05/08/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-4SR	05/07/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-5S	05/09/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-6S	05/08/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-7S	05/23/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-8S	05/22/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9SR	05/06/2025	ND	10.0000		10.0000
Lithium, Total	ug/L	MW-10S	05/21/2025		54.9000	***	20.0000
Lithium, Total	ug/L	MW-11S	05/12/2025	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-12S	05/06/2022		67.8000	***	20.0000
Lithium, Total	ug/L	MW-13S	05/27/2025		57.1000	***	20.0000
Lithium, Total	ug/L	MW-14D	05/07/2025		467.0000	***	20.0000
Lithium, Total	ug/L	MW-1S	05/21/2025	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-2D	05/20/2025		47.7000	***	20.0000
Lithium, Total	ug/L	MW-2S	05/20/2025		21.0000	***	20.0000
Lithium, Total	ug/L	MW-3S	05/08/2025	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-4SR	05/07/2025		24.6000	*	20.0000
Lithium, Total	ug/L	MW-5S	05/09/2025		54.7000	***	20.0000
Lithium, Total	ug/L	MW-6S	05/08/2025		56.0000	***	20.0000
Lithium, Total	ug/L	MW-7S	05/23/2025		78.0000	***	20.0000
Lithium, Total	ug/L	MW-8S	05/22/2025		69.9000	***	20.0000
Lithium, Total	ug/L	MW-9SR	05/06/2025		90.2000	***	20.0000
Mercury	ug/L	MW-10S	05/21/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-11S	05/12/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-12S	05/06/2022	ND	0.2000		2.0000
Mercury	ug/L	MW-13S	05/27/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-14D	05/07/2025	ND	0.2000		2.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Mercury	ug/L	MW-1S	05/21/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-2D	05/20/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-2S	05/20/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-3S	05/08/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-4SR	05/07/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-5S	05/09/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-6S	05/08/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-7S	05/23/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-8S	05/22/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-9SR	05/06/2025	ND	0.2000		2.0000
Molybdenum, Total	ug/L	MW-10S	05/21/2025		95.4000	***	10.0000
Molybdenum, Total	ug/L	MW-11S	05/12/2025		71.3000	***	10.0000
Molybdenum, Total	ug/L	MW-12S	05/06/2022		118.0000	***	10.0000
Molybdenum, Total	ug/L	MW-13S	05/27/2025		296.0000	***	10.0000
Molybdenum, Total	ug/L	MW-14D	05/07/2025		151.0000	***	10.0000
Molybdenum, Total	ug/L	MW-1S	05/21/2025		17.7000	***	10.0000
Molybdenum, Total	ug/L	MW-2D	05/20/2025		53.2000	***	10.0000
Molybdenum, Total	ug/L	MW-2S	05/20/2025		34.7000	***	10.0000
Molybdenum, Total	ug/L	MW-3S	05/08/2025		33.3000	***	10.0000
Molybdenum, Total	ug/L	MW-4SR	05/07/2025	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-5S	05/09/2025		27.1000	***	10.0000
Molybdenum, Total	ug/L	MW-6S	05/08/2025		179.0000	***	10.0000
Molybdenum, Total	ug/L	MW-7S	05/23/2025		349.0000	***	10.0000
Molybdenum, Total	ug/L	MW-8S	05/22/2025		163.0000	***	10.0000
Molybdenum, Total	ug/L	MW-9SR	05/06/2025		74.8000	***	10.0000
Selenium, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-11S	05/12/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-12S	05/06/2022		26.3000	***	1.3000
Selenium, Total	ug/L	MW-13S	05/27/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-14D	05/07/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-1S	05/21/2025	ND	1.0000		1.3000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Selenium, Total	ug/L	MW-2D	05/20/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-2S	05/20/2025		1.8000	*	1.3000
Selenium, Total	ug/L	MW-3S	05/08/2025		54.1000	***	1.3000
Selenium, Total	ug/L	MW-4SR	05/07/2025		210.0000	***	1.3000
Selenium, Total	ug/L	MW-5S	05/09/2025		126.0000	*	1.3000
Selenium, Total	ug/L	MW-6S	05/08/2025		15.9000	*	1.3000
Selenium, Total	ug/L	MW-7S	05/23/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-8S	05/22/2025	ND	1.0000		1.3000
Selenium, Total	ug/L	MW-9SR	05/06/2025		50.2000	***	1.3000
Thallium, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-11S	05/12/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-12S	05/06/2022	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-13S	05/27/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-14D	05/07/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-1S	05/21/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-2D	05/20/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-2S	05/20/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-3S	05/08/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-4SR	05/07/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-5S	05/09/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-6S	05/08/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-7S	05/23/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-8S	05/22/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9SR	05/06/2025	ND	1.0000		1.0000
Total Radium	pCi/L	MW-10S	05/21/2025		1.0900		2.0984
Total Radium	pCi/L	MW-11S	05/12/2025	ND	2.1800		2.0984
Total Radium	pCi/L	MW-12S	05/06/2022	ND	1.6700		2.0984
Total Radium	pCi/L	MW-13S	05/27/2025		1.7800	**	2.0984
Total Radium	pCi/L	MW-14D	05/07/2025		1.5500		2.0984
Total Radium	pCi/L	MW-1S	05/21/2025	ND	2.3900	**	2.0984
Total Radium	pCi/L	MW-2D	05/20/2025		1.2000	**	2.0984

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Total Radium	pCi/L	MW-2S	05/20/2025		1.8900		2.0984
Total Radium	pCi/L	MW-3S	05/08/2025	ND	1.9900		2.0984
Total Radium	pCi/L	MW-4SR	05/07/2025	ND	2.4400		2.0984
Total Radium	pCi/L	MW-5S	05/09/2025	ND	2.2700	**	2.0984
Total Radium	pCi/L	MW-6S	05/08/2025	ND	2.0000		2.0984
Total Radium	pCi/L	MW-7S	05/23/2025		2.2000	***	2.0984
Total Radium	pCi/L	MW-8S	05/22/2025		1.5000		2.0984
Total Radium	pCi/L	MW-9SR	05/06/2025		1.5800		2.0984

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Antimony, Total	0	17	0.000	38	293	0.130
Arsenic, Total	1	17	0.059	214	292	0.733
Barium, Total	17	17	1.000	293	293	1.000
Beryllium, Total	0	15	0.000	2	246	0.008
Cadmium, Total	0	16	0.000	3	247	0.012
Chromium, Total	0	17	0.000	10	267	0.037
Cobalt, Total	1	17	0.059	33	280	0.118
Fluoride	11	17	0.647	299	306	0.977
Lead, Total	0	17	0.000	2	260	0.008
Lithium, Total	0	17	0.000	232	293	0.792
Mercury	0	14	0.000	0	217	0.000
Molybdenum, Total	0	17	0.000	290	293	0.990
Selenium, Total	5	17	0.294	46	293	0.157
Thallium, Total	0	14	0.000	0	223	0.000
Total Radium	9	17	0.529	235	292	0.805

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro-Wilk Multiple Group Test of Normality

Constituent	Detect	N	Detect Freq	G raw	G log	G cbrt	G sqrt	G sqr	G cub	Crit Value	Dist Form	Model Type
Antimony, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Arsenic, Total	1	17	0.059	21.983	21.983					2.326	non-norm	nonpar
Barium, Total	17	17	1.000	0.091	1.428					2.326	normal	normal
Beryllium, Total	0	15	0.000	4.373	4.373					2.326	non-norm	nonpar
Cadmium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Chromium, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Cobalt, Total	1	17	0.059	21.983	21.983					2.326	non-norm	nonpar
Fluoride	11	17	0.647	2.918	2.796					2.326	non-norm	nonpar
Lead, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Lithium, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Mercury	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Molybdenum, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Selenium, Total	5	17	0.294	4.888	4.833					2.326	non-norm	nonpar
Thallium, Total	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Total Radium	9	17	0.529	2.003	2.320					2.326	normal	normal

* - Distribution override for that constituent.
Fit to distribution is confirmed if G <= critical value.
Model type may not match distributional form when detection frequency < 50%.

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Detect	N	Mean	SD	alpha	Factor	Pred Limit	Type		Conf
Antimony, Total	ug/L	0	17					1.0000	nonpar	***	0.93
Arsenic, Total	ug/L	1	17					6.4000	nonpar		0.93
Barium, Total	ug/L	17	17	53.7882	9.8918	0.0100	2.6566	80.0670	normal		
Beryllium, Total	ug/L	0	15					0.2000	nonpar	***	0.91
Cadmium, Total	ug/L	0	16					2.0000	nonpar	***	0.92
Chromium, Total	ug/L	0	17					10.0000	nonpar	***	0.93
Cobalt, Total	ug/L	1	17					2.3000	nonpar		0.93
Fluoride	mg/L	11	17					0.1400	nonpar		0.93
Lead, Total	ug/L	0	17					10.0000	nonpar	***	0.93
Lithium, Total	ug/L	0	17					20.0000	nonpar	***	0.93
Mercury	ug/L	0	14					2.0000	nonpar	***	0.90
Molybdenum, Total	ug/L	0	17					10.0000	nonpar	***	0.93
Selenium, Total	ug/L	5	17					1.3000	nonpar		0.93
Thallium, Total	ug/L	0	14					1.0000	nonpar	***	0.90
Total Radium	pCi/L	9	17	0.5380	0.5874	0.0100	2.6566	2.0984	normal		

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
* - Insufficient Data.
** - Calculated limit raised to Manual Reporting Limit.
*** - Nonparametric limit based on ND value.
For transformed data, mean and SD in transformed units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Dixon's Test Outliers
1% Significance Level

Constituent	Units	Well	Date	Result	ND Qualifier	Date Range	N	Critical Value

N = Total number of independent measurements in background at each well.
Date Range = Dates of the first and last measurements included in background at each well.
Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

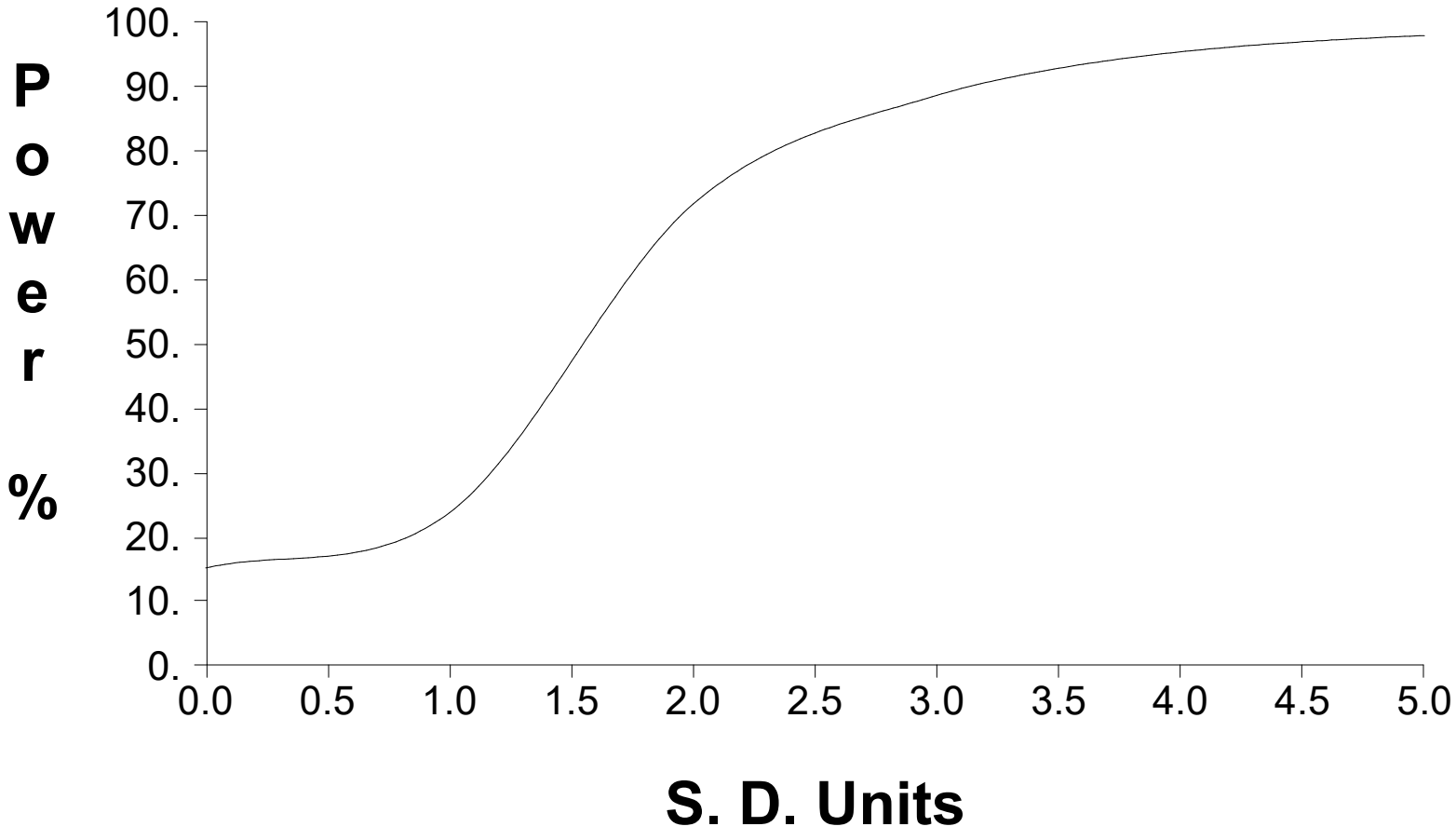


Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Antimony, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/03/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/03/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/03/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15I	05/10/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15I	11/15/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15I	06/03/2025	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/03/2020	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/03/2021	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/03/2022	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Arsenic, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	05/10/2024	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	11/15/2024	ND	1.0000		
Arsenic, Total	ug/L	MW-15I	06/03/2025	ND	1.0000		
Barium, Total	ug/L	MW-15I	09/18/2018		62.1000		
Barium, Total	ug/L	MW-15I	11/29/2018		66.0000		
Barium, Total	ug/L	MW-15I	02/04/2019		77.1000		
Barium, Total	ug/L	MW-15I	03/25/2019		78.8000		
Barium, Total	ug/L	MW-15I	05/14/2019		78.1000		
Barium, Total	ug/L	MW-15I	07/24/2019		66.2000		
Barium, Total	ug/L	MW-15I	11/05/2019		59.0000		
Barium, Total	ug/L	MW-15I	01/29/2020		56.6000		
Barium, Total	ug/L	MW-15I	05/27/2020		72.8000		
Barium, Total	ug/L	MW-15I	11/03/2020		61.9000		
Barium, Total	ug/L	MW-15I	05/06/2021		67.4000		
Barium, Total	ug/L	MW-15I	11/03/2021		67.9000		
Barium, Total	ug/L	MW-15I	05/05/2022		56.0000		
Barium, Total	ug/L	MW-15I	11/03/2022		85.1000		
Barium, Total	ug/L	MW-15I	05/18/2023		65.2000		
Barium, Total	ug/L	MW-15I	11/29/2023		72.4000		
Barium, Total	ug/L	MW-15I	05/10/2024		68.0000		
Barium, Total	ug/L	MW-15I	11/15/2024		73.5000		
Barium, Total	ug/L	MW-15I	06/03/2025		83.8000		
Beryllium, Total	ug/L	MW-15I	09/18/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/29/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	02/04/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	03/25/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/14/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	07/24/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/05/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	01/29/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/27/2020	ND	0.2000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Beryllium, Total	ug/L	MW-15I	11/03/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/06/2021	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/05/2022	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/18/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	11/29/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	05/10/2024	ND	0.2000		
Beryllium, Total	ug/L	MW-15I	06/03/2025	ND	0.2000		
Cadmium, Total	ug/L	MW-15I	09/18/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/29/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	02/04/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	03/25/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/14/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	07/24/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/05/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	01/29/2020	ND	1.0000	2.0000	**
Cadmium, Total	ug/L	MW-15I	05/27/2020	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/06/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/03/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/05/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	11/03/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/18/2023	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	05/10/2024	ND	2.0000		
Cadmium, Total	ug/L	MW-15I	06/03/2025	ND	2.0000		
Chromium, Total	ug/L	MW-15I	09/18/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/29/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15I	02/04/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	03/25/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/14/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	07/24/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/05/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15I	01/29/2020	ND	20.0000	10.0000	**
Chromium, Total	ug/L	MW-15I	05/27/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/03/2020	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Chromium, Total	ug/L	MW-15I	05/06/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/03/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/05/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15I	11/03/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/18/2023	ND	10.0000		
Chromium, Total	ug/L	MW-15I	05/10/2024	ND	10.0000		
Chromium, Total	ug/L	MW-15I	06/03/2025	ND	10.0000		
Cobalt, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/03/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/03/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/03/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15I	05/10/2024		1.1000		
Cobalt, Total	ug/L	MW-15I	11/15/2024		1.0000		
Cobalt, Total	ug/L	MW-15I	06/03/2025	ND	1.0000		
Fluoride	mg/L	MW-15I	09/18/2018		0.1100		
Fluoride	mg/L	MW-15I	11/29/2018		0.1300		
Fluoride	mg/L	MW-15I	02/04/2019		0.1200		
Fluoride	mg/L	MW-15I	03/25/2019		0.1300		
Fluoride	mg/L	MW-15I	05/14/2019		0.1100		
Fluoride	mg/L	MW-15I	07/24/2019	ND	0.1000		
Fluoride	mg/L	MW-15I	11/05/2019	ND	0.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Fluoride	mg/L	MW-15I	01/29/2020		0.1200		
Fluoride	mg/L	MW-15I	05/27/2020		0.1200		
Fluoride	mg/L	MW-15I	11/03/2020	ND	0.1000		
Fluoride	mg/L	MW-15I	05/06/2021	ND	0.1000		
Fluoride	mg/L	MW-15I	11/03/2021	ND	0.1000		
Fluoride	mg/L	MW-15I	05/05/2022		0.1200		
Fluoride	mg/L	MW-15I	11/03/2022	ND	0.1000		
Fluoride	mg/L	MW-15I	05/18/2023		0.1100		
Fluoride	mg/L	MW-15I	11/29/2023	ND	0.1000		
Fluoride	mg/L	MW-15I	05/10/2024	ND	0.1000		
Fluoride	mg/L	MW-15I	11/15/2024	ND	0.1000		
Fluoride	mg/L	MW-15I	06/03/2025	ND	0.1000		
Lead, Total	ug/L	MW-15I	09/18/2018	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/29/2018	ND	10.0000		
Lead, Total	ug/L	MW-15I	02/04/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	03/25/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/14/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	07/24/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/05/2019	ND	10.0000		
Lead, Total	ug/L	MW-15I	01/29/2020	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/27/2020	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/03/2020	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/06/2021	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/03/2021	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/05/2022	ND	10.0000		
Lead, Total	ug/L	MW-15I	11/03/2022	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/18/2023	ND	10.0000		
Lead, Total	ug/L	MW-15I	05/10/2024	ND	10.0000		
Lead, Total	ug/L	MW-15I	06/03/2025	ND	10.0000		
Lithium, Total	ug/L	MW-15I	09/18/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/29/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15I	02/04/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	03/25/2019	ND	20.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Lithium, Total	ug/L	MW-15I	05/14/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	07/24/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/05/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15I	01/29/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/27/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/03/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/06/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/03/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/05/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/03/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/18/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/29/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15I	05/10/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15I	11/15/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15I	06/03/2025	ND	20.0000		
Mercury	ug/L	MW-15I	09/18/2018	ND	2.0000		
Mercury	ug/L	MW-15I	11/29/2018	ND	2.0000		
Mercury	ug/L	MW-15I	02/04/2019	ND	2.0000		
Mercury	ug/L	MW-15I	03/25/2019	ND	2.0000		
Mercury	ug/L	MW-15I	05/14/2019	ND	2.0000		
Mercury	ug/L	MW-15I	07/24/2019	ND	2.0000		
Mercury	ug/L	MW-15I	11/05/2019	ND	2.0000		
Mercury	ug/L	MW-15I	01/29/2020	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	05/27/2020	ND	2.0000		
Mercury	ug/L	MW-15I	05/06/2021	ND	2.0000		
Mercury	ug/L	MW-15I	05/05/2022	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	05/18/2023	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	05/10/2024	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15I	06/03/2025	ND	0.2000	2.0000	**
Molybdenum, Total	ug/L	MW-15I	09/18/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/29/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	02/04/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	03/25/2019	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Molybdenum, Total	ug/L	MW-15I	05/14/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	07/24/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/05/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	01/29/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/27/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/03/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/06/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/03/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/05/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/03/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/18/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/29/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	05/10/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	11/15/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15I	06/03/2025	ND	10.0000		
Selenium, Total	ug/L	MW-15I	09/18/2018		1.9000		
Selenium, Total	ug/L	MW-15I	11/29/2018		1.9000		
Selenium, Total	ug/L	MW-15I	02/04/2019		2.1000		
Selenium, Total	ug/L	MW-15I	03/25/2019		1.9000		
Selenium, Total	ug/L	MW-15I	05/14/2019		1.5000		
Selenium, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15I	01/29/2020		1.7000		
Selenium, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15I	11/03/2020		2.0000		
Selenium, Total	ug/L	MW-15I	05/06/2021		1.7000		
Selenium, Total	ug/L	MW-15I	11/03/2021		1.0000		
Selenium, Total	ug/L	MW-15I	05/05/2022		1.9000		
Selenium, Total	ug/L	MW-15I	11/03/2022		1.2000		
Selenium, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15I	11/29/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15I	05/10/2024		3.3000		
Selenium, Total	ug/L	MW-15I	11/15/2024		2.4000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Selenium, Total	ug/L	MW-15I	06/03/2025		1.7000		
Thallium, Total	ug/L	MW-15I	09/18/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15I	11/29/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15I	02/04/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	03/25/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/14/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	07/24/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	11/05/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15I	01/29/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/27/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/06/2021	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/05/2022	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/18/2023	ND	1.0000		
Thallium, Total	ug/L	MW-15I	05/10/2024	ND	1.0000		
Thallium, Total	ug/L	MW-15I	06/03/2025	ND	1.0000		
Total Radium	pCi/L	MW-15I	09/18/2018		0.7100		
Total Radium	pCi/L	MW-15I	11/29/2018		0.7930		
Total Radium	pCi/L	MW-15I	02/04/2019		0.8490		
Total Radium	pCi/L	MW-15I	03/25/2019		1.6500		
Total Radium	pCi/L	MW-15I	05/14/2019		1.6300		
Total Radium	pCi/L	MW-15I	07/24/2019		1.6200		
Total Radium	pCi/L	MW-15I	11/05/2019	ND	1.4600	1.4100	**
Total Radium	pCi/L	MW-15I	01/29/2020		0.5700		
Total Radium	pCi/L	MW-15I	05/27/2020		1.0500		
Total Radium	pCi/L	MW-15I	11/03/2020		0.6830		
Total Radium	pCi/L	MW-15I	05/06/2021		0.9160		
Total Radium	pCi/L	MW-15I	11/03/2021		1.1800		
Total Radium	pCi/L	MW-15I	05/05/2022	ND	1.4100		
Total Radium	pCi/L	MW-15I	11/03/2022		1.1300		
Total Radium	pCi/L	MW-15I	05/18/2023		1.0500		
Total Radium	pCi/L	MW-15I	11/29/2023	ND	1.6800	1.4100	**
Total Radium	pCi/L	MW-15I	05/10/2024	ND	1.1900	1.4100	**
Total Radium	pCi/L	MW-15I	11/15/2024		1.4300		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Total Radium	pCi/L	MW-15I	06/03/2025		1.2600		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-10D	05/21/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-11D	05/12/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-12D	05/22/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-13D	05/27/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-1D	05/21/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-7D	05/23/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-9I	05/06/2025	ND	1.0000		1.0000
Arsenic, Total	ug/L	MW-10D	05/21/2025		84.8000	***	1.0000
Arsenic, Total	ug/L	MW-10S	05/21/2025		252.0000	***	1.0000
Arsenic, Total	ug/L	MW-11D	05/12/2025		16.7000	***	1.0000
Arsenic, Total	ug/L	MW-12D	05/22/2025		84.1000	***	1.0000
Arsenic, Total	ug/L	MW-13D	05/27/2025		248.0000	***	1.0000
Arsenic, Total	ug/L	MW-1D	05/21/2025		4.0000	***	1.0000
Arsenic, Total	ug/L	MW-7D	05/23/2025		483.0000	***	1.0000
Arsenic, Total	ug/L	MW-9I	05/06/2025		191.0000	***	1.0000
Barium, Total	ug/L	MW-10D	05/21/2025		29.7000		91.8055
Barium, Total	ug/L	MW-10S	05/21/2025		67.8000		91.8055
Barium, Total	ug/L	MW-11D	05/12/2025		24.0000		91.8055
Barium, Total	ug/L	MW-12D	05/22/2025		30.1000		91.8055
Barium, Total	ug/L	MW-13D	05/27/2025		33.0000		91.8055
Barium, Total	ug/L	MW-1D	05/21/2025		69.8000		91.8055
Barium, Total	ug/L	MW-7D	05/23/2025		45.3000		91.8055
Barium, Total	ug/L	MW-9I	05/06/2025		55.1000		91.8055
Beryllium, Total	ug/L	MW-10D	05/21/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-10S	05/21/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-11D	05/12/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-12D	05/22/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-13D	05/27/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-1D	05/21/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-7D	05/23/2025	ND	0.2000		0.2000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Beryllium, Total	ug/L	MW-9I	05/06/2025	ND	0.2000		0.2000
Cadmium, Total	ug/L	MW-10D	05/21/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-10S	05/21/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-11D	05/12/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-12D	05/22/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-13D	05/27/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-1D	05/21/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-7D	05/23/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9I	05/06/2025	ND	2.0000		2.0000
Chromium, Total	ug/L	MW-10D	05/21/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-10S	05/21/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-11D	05/12/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-12D	05/22/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-13D	05/27/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-1D	05/21/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-7D	05/23/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9I	05/06/2025	ND	10.0000		10.0000
Cobalt, Total	ug/L	MW-10D	05/21/2025	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-11D	05/12/2025	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-12D	05/22/2025	ND	1.0000	**	1.1000
Cobalt, Total	ug/L	MW-13D	05/27/2025	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-1D	05/21/2025	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-7D	05/23/2025	ND	1.0000		1.1000
Cobalt, Total	ug/L	MW-9I	05/06/2025	ND	1.0000		1.1000
Fluoride	mg/L	MW-10D	05/21/2025		1.5000	***	0.1300
Fluoride	mg/L	MW-10S	05/21/2025		1.8000	***	0.1300
Fluoride	mg/L	MW-11D	05/12/2025		0.3500	***	0.1300
Fluoride	mg/L	MW-12D	05/22/2025		1.1000	***	0.1300
Fluoride	mg/L	MW-13D	05/27/2025		0.4800	***	0.1300
Fluoride	mg/L	MW-1D	05/21/2025		0.3600	***	0.1300

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Fluoride	mg/L	MW-7D	05/23/2025		0.4000	***	0.1300
Fluoride	mg/L	MW-9I	05/06/2025		0.7400	***	0.1300
Lead, Total	ug/L	MW-10D	05/21/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-10S	05/21/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-11D	05/12/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-12D	05/22/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-13D	05/27/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-1D	05/21/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-7D	05/23/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9I	05/06/2025	ND	10.0000		10.0000
Lithium, Total	ug/L	MW-10D	05/21/2025		61.8000	***	20.0000
Lithium, Total	ug/L	MW-10S	05/21/2025		54.9000	***	20.0000
Lithium, Total	ug/L	MW-11D	05/12/2025		143.0000	***	20.0000
Lithium, Total	ug/L	MW-12D	05/22/2025		54.1000	***	20.0000
Lithium, Total	ug/L	MW-13D	05/27/2025		76.3000	***	20.0000
Lithium, Total	ug/L	MW-1D	05/21/2025	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-7D	05/23/2025		89.1000	***	20.0000
Lithium, Total	ug/L	MW-9I	05/06/2025		45.6000	***	20.0000
Mercury	ug/L	MW-10D	05/21/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-10S	05/21/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-11D	05/12/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-12D	05/22/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-13D	05/27/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-1D	05/21/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-7D	05/23/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-9I	05/06/2025	ND	0.2000		2.0000
Molybdenum, Total	ug/L	MW-10D	05/21/2025		59.6000	***	10.0000
Molybdenum, Total	ug/L	MW-10S	05/21/2025		95.4000	***	10.0000
Molybdenum, Total	ug/L	MW-11D	05/12/2025	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-12D	05/22/2025		86.6000	***	10.0000
Molybdenum, Total	ug/L	MW-13D	05/27/2025		268.0000	***	10.0000

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Molybdenum, Total	ug/L	MW-1D	05/21/2025		14.9000	***	10.0000
Molybdenum, Total	ug/L	MW-7D	05/23/2025		361.0000	***	10.0000
Molybdenum, Total	ug/L	MW-9I	05/06/2025		120.0000	***	10.0000
Selenium, Total	ug/L	MW-10D	05/21/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-11D	05/12/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-12D	05/22/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-13D	05/27/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-1D	05/21/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-7D	05/23/2025	ND	1.0000		3.9083
Selenium, Total	ug/L	MW-9I	05/06/2025	ND	1.0000		3.9083
Thallium, Total	ug/L	MW-10D	05/21/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-10S	05/21/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-11D	05/12/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-12D	05/22/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-13D	05/27/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-1D	05/21/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-7D	05/23/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9I	05/06/2025	ND	1.0000		1.0000
Total Radium	pCi/L	MW-10D	05/21/2025	ND	2.0300	**	2.3368
Total Radium	pCi/L	MW-10S	05/21/2025		1.0900		2.3368
Total Radium	pCi/L	MW-11D	05/12/2025	ND	2.5200		2.3368
Total Radium	pCi/L	MW-12D	05/22/2025		1.9900	**	2.3368
Total Radium	pCi/L	MW-13D	05/27/2025		2.5400	*	2.3368
Total Radium	pCi/L	MW-1D	05/21/2025	ND	2.3700		2.3368
Total Radium	pCi/L	MW-7D	05/23/2025		1.6100		2.3368
Total Radium	pCi/L	MW-9I	05/06/2025		1.9700		2.3368

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Antimony, Total	0	19	0.000	1	184	0.005
Arsenic, Total	0	19	0.000	168	184	0.913
Barium, Total	19	19	1.000	184	184	1.000
Beryllium, Total	0	16	0.000	0	152	0.000
Cadmium, Total	0	16	0.000	8	152	0.053
Chromium, Total	0	17	0.000	4	168	0.024
Cobalt, Total	2	19	0.105	4	176	0.023
Fluoride	9	19	0.474	192	192	1.000
Lead, Total	0	17	0.000	0	160	0.000
Lithium, Total	0	19	0.000	175	184	0.951
Mercury	0	14	0.000	1	136	0.007
Molybdenum, Total	0	19	0.000	161	184	0.875
Selenium, Total	14	19	0.737	1	184	0.005
Thallium, Total	0	14	0.000	0	136	0.000
Total Radium	15	19	0.789	155	184	0.842

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro-Wilk Multiple Group Test of Normality

Constituent	Detect	N	Detect Freq	G raw	G log	G cbrt	G sqrt	G sqr	G cub	Crit Value	Dist Form	Model Type
Antimony, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Arsenic, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Barium, Total	19	19	1.000	0.390	0.628					2.326	normal	normal
Beryllium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Cadmium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Chromium, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Cobalt, Total	2	19	0.105	24.856	24.856					2.326	non-norm	nonpar
Fluoride	9	19	0.474	3.511	3.502					2.326	non-norm	nonpar
Lead, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Lithium, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Mercury	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Molybdenum, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Selenium, Total	14	19	0.737	2.250	1.992					2.326	normal	normal
Thallium, Total	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Total Radium	15	19	0.789	0.677	1.184					2.326	normal	normal

* - Distribution override for that constituent.
Fit to distribution is confirmed if G <= critical value.
Model type may not match distributional form when detection frequency < 50%.

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Detect	N	Mean	SD	alpha	Factor	Pred Limit	Type		Conf
Antimony, Total	ug/L	0	19					1.0000	nonpar	***	0.96
Arsenic, Total	ug/L	0	19					1.0000	nonpar	***	0.96
Barium, Total	ug/L	19	19	69.3632	8.5741	0.0100	2.6174	91.8055	normal		
Beryllium, Total	ug/L	0	16					0.2000	nonpar	***	0.95
Cadmium, Total	ug/L	0	16					2.0000	nonpar	***	0.95
Chromium, Total	ug/L	0	17					10.0000	nonpar	***	0.96
Cobalt, Total	ug/L	2	19					1.1000	nonpar		0.96
Fluoride	mg/L	9	19					0.1300	nonpar		0.96
Lead, Total	ug/L	0	17					10.0000	nonpar	***	0.96
Lithium, Total	ug/L	0	19					20.0000	nonpar	***	0.96
Mercury	ug/L	0	14					2.0000	nonpar	***	0.94
Molybdenum, Total	ug/L	0	19					10.0000	nonpar	***	0.96
Selenium, Total	ug/L	14	19	1.3789	0.9664	0.0100	2.6174	3.9083	normal		
Thallium, Total	ug/L	0	14					1.0000	nonpar	***	0.94
Total Radium	pCi/L	15	19	0.8695	0.5606	0.0100	2.6174	2.3368	normal		

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
* - Insufficient Data.
** - Calculated limit raised to Manual Reporting Limit.
*** - Nonparametric limit based on ND value.
For transformed data, mean and SD in transformed units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Dixon's Test Outliers
1% Significance Level

Constituent	Units	Well	Date	Result	ND Qualifier	Date Range	N	Critical Value

N = Total number of independent measurements in background at each well.
Date Range = Dates of the first and last measurements included in background at each well.
Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

False Positive and False Negative Rates for Current Upgradient vs. Downgradient Monitoring Program

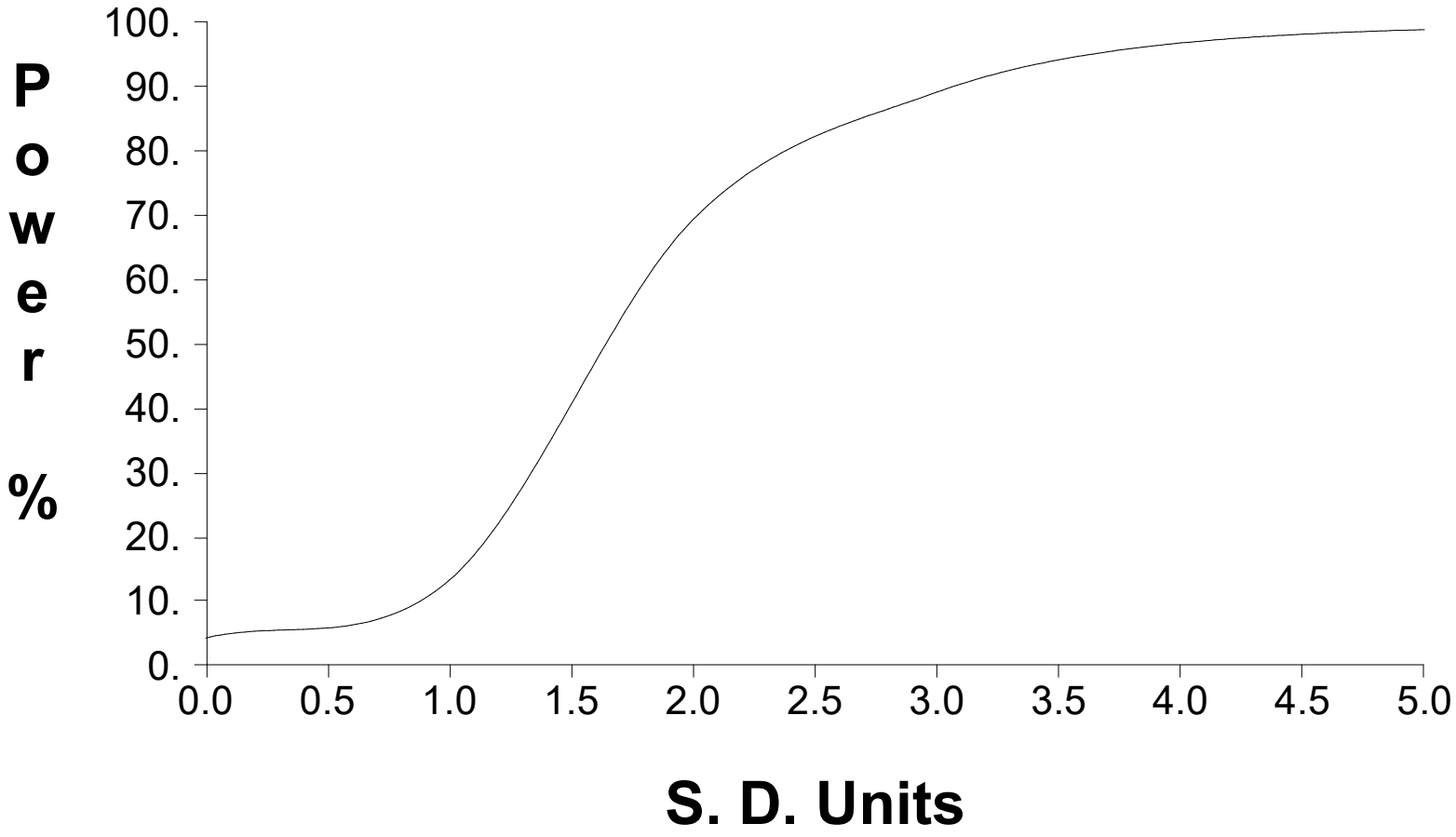


Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Antimony, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Antimony, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Antimony, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/03/2020	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/03/2021	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/03/2022	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/29/2023	ND	1.0000		
Antimony, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15D	11/15/2024	ND	1.0000		
Antimony, Total	ug/L	MW-15D	06/03/2025	ND	1.0000		
Arsenic, Total	ug/L	MW-15D	09/18/2018		1.3000		
Arsenic, Total	ug/L	MW-15D	11/29/2018		1.2000		
Arsenic, Total	ug/L	MW-15D	02/04/2019		1.3000		
Arsenic, Total	ug/L	MW-15D	03/25/2019		1.1000		
Arsenic, Total	ug/L	MW-15D	05/14/2019		1.0000		
Arsenic, Total	ug/L	MW-15D	07/24/2019		1.1000		
Arsenic, Total	ug/L	MW-15D	11/05/2019		1.1000		
Arsenic, Total	ug/L	MW-15D	01/29/2020		1.1000		
Arsenic, Total	ug/L	MW-15D	05/27/2020		1.2000		
Arsenic, Total	ug/L	MW-15D	11/03/2020		1.7000		
Arsenic, Total	ug/L	MW-15D	05/06/2021		1.1000		
Arsenic, Total	ug/L	MW-15D	11/03/2021		1.2000		
Arsenic, Total	ug/L	MW-15D	05/11/2022		1.2000		
Arsenic, Total	ug/L	MW-15D	11/03/2022		1.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Arsenic, Total	ug/L	MW-15D	05/18/2023		1.5000		
Arsenic, Total	ug/L	MW-15D	11/29/2023		1.1000		
Arsenic, Total	ug/L	MW-15D	05/10/2024		1.4000		
Arsenic, Total	ug/L	MW-15D	11/15/2024		1.3000		
Arsenic, Total	ug/L	MW-15D	06/03/2025		1.2000		
Barium, Total	ug/L	MW-15D	09/18/2018		71.4000		
Barium, Total	ug/L	MW-15D	11/29/2018		67.8000		
Barium, Total	ug/L	MW-15D	02/04/2019		69.6000		
Barium, Total	ug/L	MW-15D	03/25/2019		68.4000		
Barium, Total	ug/L	MW-15D	05/14/2019		65.6000		
Barium, Total	ug/L	MW-15D	07/24/2019		64.6000		
Barium, Total	ug/L	MW-15D	11/05/2019		65.3000		
Barium, Total	ug/L	MW-15D	01/29/2020		65.2000		
Barium, Total	ug/L	MW-15D	05/27/2020		64.2000		
Barium, Total	ug/L	MW-15D	11/03/2020		63.2000		
Barium, Total	ug/L	MW-15D	05/06/2021		68.9000		
Barium, Total	ug/L	MW-15D	11/03/2021		69.2000		
Barium, Total	ug/L	MW-15D	05/11/2022		75.1000		
Barium, Total	ug/L	MW-15D	11/03/2022		73.6000		
Barium, Total	ug/L	MW-15D	05/18/2023		75.0000		
Barium, Total	ug/L	MW-15D	11/29/2023		73.5000		
Barium, Total	ug/L	MW-15D	05/10/2024		63.7000		
Barium, Total	ug/L	MW-15D	11/15/2024		72.9000		
Barium, Total	ug/L	MW-15D	06/03/2025		77.6000		
Beryllium, Total	ug/L	MW-15D	09/18/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/29/2018	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	02/04/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	03/25/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/14/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	07/24/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/05/2019	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	01/29/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/27/2020	ND	0.2000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Beryllium, Total	ug/L	MW-15D	11/03/2020	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/06/2021	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/11/2022	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/18/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	11/29/2023	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	05/10/2024	ND	0.2000		
Beryllium, Total	ug/L	MW-15D	06/03/2025	ND	0.2000		
Cadmium, Total	ug/L	MW-15D	09/18/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/29/2018	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	02/04/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	03/25/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/14/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	07/24/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/05/2019	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	01/29/2020	ND	1.0000	2.0000	**
Cadmium, Total	ug/L	MW-15D	05/27/2020	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/06/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/03/2021	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/11/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	11/03/2022	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/18/2023	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	05/10/2024	ND	2.0000		
Cadmium, Total	ug/L	MW-15D	06/03/2025	ND	2.0000		
Chromium, Total	ug/L	MW-15D	09/18/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/29/2018	ND	10.0000		
Chromium, Total	ug/L	MW-15D	02/04/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	03/25/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/14/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	07/24/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/05/2019	ND	10.0000		
Chromium, Total	ug/L	MW-15D	01/29/2020	ND	20.0000	10.0000	**
Chromium, Total	ug/L	MW-15D	05/27/2020	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/03/2020	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Chromium, Total	ug/L	MW-15D	05/06/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/03/2021	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/11/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15D	11/03/2022	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/18/2023	ND	10.0000		
Chromium, Total	ug/L	MW-15D	05/10/2024	ND	10.0000		
Chromium, Total	ug/L	MW-15D	06/03/2025	ND	10.0000		
Cobalt, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/03/2020	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/03/2021	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/03/2022	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/29/2023	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	11/15/2024	ND	1.0000		
Cobalt, Total	ug/L	MW-15D	06/03/2025	ND	1.0000		
Fluoride	mg/L	MW-15D	09/18/2018	ND	0.1000		
Fluoride	mg/L	MW-15D	11/29/2018		0.1200		
Fluoride	mg/L	MW-15D	02/04/2019		0.1200		
Fluoride	mg/L	MW-15D	03/25/2019		0.1300		
Fluoride	mg/L	MW-15D	05/14/2019		0.1100		
Fluoride	mg/L	MW-15D	07/24/2019	ND	0.1000		
Fluoride	mg/L	MW-15D	11/05/2019	ND	0.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Fluoride	mg/L	MW-15D	01/29/2020		0.1000		
Fluoride	mg/L	MW-15D	05/27/2020		0.1100		
Fluoride	mg/L	MW-15D	11/03/2020	ND	0.1000		
Fluoride	mg/L	MW-15D	05/06/2021	ND	0.1000		
Fluoride	mg/L	MW-15D	11/03/2021	ND	0.1000		
Fluoride	mg/L	MW-15D	05/11/2022		0.1200		
Fluoride	mg/L	MW-15D	11/03/2022	ND	0.1000		
Fluoride	mg/L	MW-15D	05/18/2023		0.1000		
Fluoride	mg/L	MW-15D	11/29/2023	ND	0.1000		
Fluoride	mg/L	MW-15D	05/10/2024	ND	0.1000		
Fluoride	mg/L	MW-15D	11/15/2024	ND	0.1000		
Fluoride	mg/L	MW-15D	06/03/2025	ND	0.1000		
Lead, Total	ug/L	MW-15D	09/18/2018	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/29/2018	ND	10.0000		
Lead, Total	ug/L	MW-15D	02/04/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	03/25/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/14/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	07/24/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/05/2019	ND	10.0000		
Lead, Total	ug/L	MW-15D	01/29/2020	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/27/2020	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/03/2020	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/06/2021	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/03/2021	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/11/2022	ND	10.0000		
Lead, Total	ug/L	MW-15D	11/03/2022	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/18/2023	ND	10.0000		
Lead, Total	ug/L	MW-15D	05/10/2024	ND	10.0000		
Lead, Total	ug/L	MW-15D	06/03/2025	ND	10.0000		
Lithium, Total	ug/L	MW-15D	09/18/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/29/2018	ND	20.0000		
Lithium, Total	ug/L	MW-15D	02/04/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	03/25/2019	ND	20.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Lithium, Total	ug/L	MW-15D	05/14/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	07/24/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/05/2019	ND	20.0000		
Lithium, Total	ug/L	MW-15D	01/29/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/27/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/03/2020	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/06/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/03/2021	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/11/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/03/2022	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/18/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/29/2023	ND	20.0000		
Lithium, Total	ug/L	MW-15D	05/10/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15D	11/15/2024	ND	20.0000		
Lithium, Total	ug/L	MW-15D	06/03/2025	ND	20.0000		
Mercury	ug/L	MW-15D	09/18/2018	ND	2.0000		
Mercury	ug/L	MW-15D	11/29/2018	ND	2.0000		
Mercury	ug/L	MW-15D	02/04/2019	ND	2.0000		
Mercury	ug/L	MW-15D	03/25/2019	ND	2.0000		
Mercury	ug/L	MW-15D	05/14/2019	ND	2.0000		
Mercury	ug/L	MW-15D	07/24/2019	ND	2.0000		
Mercury	ug/L	MW-15D	11/05/2019	ND	2.0000		
Mercury	ug/L	MW-15D	01/29/2020	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	05/27/2020	ND	2.0000		
Mercury	ug/L	MW-15D	05/06/2021	ND	2.0000		
Mercury	ug/L	MW-15D	05/11/2022	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	05/18/2023	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	05/10/2024	ND	0.2000	2.0000	**
Mercury	ug/L	MW-15D	06/03/2025	ND	0.2000	2.0000	**
Molybdenum, Total	ug/L	MW-15D	09/18/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/29/2018	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	02/04/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	03/25/2019	ND	10.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Molybdenum, Total	ug/L	MW-15D	05/14/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	07/24/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/05/2019	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	01/29/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/27/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/03/2020	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/06/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/03/2021	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/11/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/03/2022	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/18/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/29/2023	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	05/10/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	11/15/2024	ND	10.0000		
Molybdenum, Total	ug/L	MW-15D	06/03/2025	ND	10.0000		
Selenium, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Selenium, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Selenium, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/03/2020	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/03/2021	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/03/2022	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/29/2023	ND	1.0000		
Selenium, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Selenium, Total	ug/L	MW-15D	11/15/2024	ND	1.0000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Selenium, Total	ug/L	MW-15D	06/03/2025	ND	1.0000		
Thallium, Total	ug/L	MW-15D	09/18/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15D	11/29/2018	ND	1.0000		
Thallium, Total	ug/L	MW-15D	02/04/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	03/25/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/14/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	07/24/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	11/05/2019	ND	1.0000		
Thallium, Total	ug/L	MW-15D	01/29/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/27/2020	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/06/2021	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/11/2022	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/18/2023	ND	1.0000		
Thallium, Total	ug/L	MW-15D	05/10/2024	ND	1.0000		
Thallium, Total	ug/L	MW-15D	06/03/2025	ND	1.0000		
Total Radium	pCi/L	MW-15D	09/18/2018		1.1700		
Total Radium	pCi/L	MW-15D	11/29/2018		1.6500		
Total Radium	pCi/L	MW-15D	02/04/2019		1.0600		
Total Radium	pCi/L	MW-15D	03/25/2019		1.4600		
Total Radium	pCi/L	MW-15D	05/14/2019		2.0600		
Total Radium	pCi/L	MW-15D	07/24/2019		1.4500		
Total Radium	pCi/L	MW-15D	11/05/2019		1.1000		
Total Radium	pCi/L	MW-15D	01/29/2020		0.8340		
Total Radium	pCi/L	MW-15D	05/27/2020		1.2100		
Total Radium	pCi/L	MW-15D	11/03/2020		1.4300		
Total Radium	pCi/L	MW-15D	05/06/2021		1.7400		
Total Radium	pCi/L	MW-15D	11/03/2021		1.1300		
Total Radium	pCi/L	MW-15D	05/11/2022	ND	2.1300		
Total Radium	pCi/L	MW-15D	11/03/2022		1.3100		
Total Radium	pCi/L	MW-15D	05/18/2023		1.4700		
Total Radium	pCi/L	MW-15D	11/29/2023		1.4100		
Total Radium	pCi/L	MW-15D	05/10/2024		1.2800		
Total Radium	pCi/L	MW-15D	11/15/2024		1.1000		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 1

Upgradient Data

Constituent	Units	Well	Date		Result	Adjusted	
Total Radium	pCi/L	MW-15D	06/03/2025		0.8340		

* - Outlier for that well and constituent.
** - ND value replaced with median RL.
*** - ND value replaced with manual RL.
ND = Not detected, Result = detection limit.

Table 2

Most Current Downgradient Monitoring Data

Constituent	Units	Well	Date		Result		Pred. Limit
Antimony, Total	ug/L	MW-3D	05/08/2025	ND	1.0000		1.0000
Antimony, Total	ug/L	MW-9D	05/07/2025	ND	1.0000		1.0000
Arsenic, Total	ug/L	MW-3D	05/08/2025		3.6000	***	1.6967
Arsenic, Total	ug/L	MW-9D	05/07/2025		104.0000	***	1.6967
Barium, Total	ug/L	MW-3D	05/08/2025		110.0000	*	80.8211
Barium, Total	ug/L	MW-9D	05/07/2025		60.2000		80.8211
Beryllium, Total	ug/L	MW-3D	05/08/2025	ND	0.2000		0.2000
Beryllium, Total	ug/L	MW-9D	05/07/2025	ND	0.2000		0.2000
Cadmium, Total	ug/L	MW-3D	05/08/2025	ND	2.0000		2.0000
Cadmium, Total	ug/L	MW-9D	05/07/2025	ND	2.0000		2.0000
Chromium, Total	ug/L	MW-3D	05/08/2025	ND	10.0000		10.0000
Chromium, Total	ug/L	MW-9D	05/07/2025	ND	10.0000		10.0000
Cobalt, Total	ug/L	MW-3D	05/08/2025	ND	1.0000		1.0000
Cobalt, Total	ug/L	MW-9D	05/07/2025	ND	1.0000		1.0000
Fluoride	mg/L	MW-3D	05/08/2025		0.2000	***	0.1300
Fluoride	mg/L	MW-9D	05/07/2025		0.6600	***	0.1300
Lead, Total	ug/L	MW-3D	05/08/2025	ND	10.0000		10.0000
Lead, Total	ug/L	MW-9D	05/07/2025	ND	10.0000		10.0000
Lithium, Total	ug/L	MW-3D	05/08/2025	ND	20.0000		20.0000
Lithium, Total	ug/L	MW-9D	05/07/2025		37.5000	***	20.0000
Mercury	ug/L	MW-3D	05/08/2025	ND	0.2000		2.0000
Mercury	ug/L	MW-9D	05/07/2025	ND	0.2000		2.0000
Molybdenum, Total	ug/L	MW-3D	05/08/2025	ND	10.0000		10.0000
Molybdenum, Total	ug/L	MW-9D	05/07/2025		63.8000	***	10.0000
Selenium, Total	ug/L	MW-3D	05/08/2025	ND	1.0000		1.0000
Selenium, Total	ug/L	MW-9D	05/07/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-3D	05/08/2025	ND	1.0000		1.0000
Thallium, Total	ug/L	MW-9D	05/07/2025	ND	1.0000		1.0000
Total Radium	pCi/L	MW-3D	05/08/2025		1.2700		2.3626
Total Radium	pCi/L	MW-9D	05/07/2025		2.3400		2.3626

* - Current value failed - awaiting verification.
** - Current value passed - previous exceedance not verified.
*** - Current value failed - exceedance verified.
**** - Current value passed - awaiting one more verification.
***** - Insufficient background data to compute prediction limit.
ND = Not Detected, Result = detection limit.

Table 3

Detection Frequencies in Upgradient and Downgradient Wells

Constituent	Upgradient Detect	Upgradient N	Upgradient Proportion	Downgradient Detect	Downgradient N	Downgradient Proportion
Antimony, Total	0	19	0.000	0	48	0.000
Arsenic, Total	19	19	1.000	30	48	0.625
Barium, Total	19	19	1.000	48	48	1.000
Beryllium, Total	0	16	0.000	0	40	0.000
Cadmium, Total	0	16	0.000	0	40	0.000
Chromium, Total	0	17	0.000	0	42	0.000
Cobalt, Total	0	19	0.000	0	46	0.000
Fluoride	8	19	0.421	50	50	1.000
Lead, Total	0	17	0.000	0	42	0.000
Lithium, Total	0	19	0.000	30	48	0.625
Mercury	0	14	0.000	0	34	0.000
Molybdenum, Total	0	19	0.000	38	48	0.792
Selenium, Total	0	19	0.000	0	48	0.000
Thallium, Total	0	14	0.000	0	36	0.000
Total Radium	18	19	0.947	39	48	0.813

N = Total number of measurements in all wells.
Detect = Total number of detections in all wells.
Proportion = Detect/N.

Table 4

Shapiro-Wilk Multiple Group Test of Normality

Constituent	Detect	N	Detect Freq	G raw	G log	G cbrt	G sqrt	G sqr	G cub	Crit Value	Dist Form	Model Type
Antimony, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Arsenic, Total	19	19	1.000	2.596	1.985					2.326	lognor	lognor
Barium, Total	19	19	1.000	0.747	0.678					2.326	normal	normal
Beryllium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Cadmium, Total	0	16	0.000	4.567	4.567					2.326	non-norm	nonpar
Chromium, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Cobalt, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Fluoride	8	19	0.421	4.692	4.676					2.326	non-norm	nonpar
Lead, Total	0	17	0.000	4.713	4.713					2.326	non-norm	nonpar
Lithium, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Mercury	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Molybdenum, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Selenium, Total	0	19	0.000	5.018	5.018					2.326	non-norm	nonpar
Thallium, Total	0	14	0.000	4.155	4.155					2.326	non-norm	nonpar
Total Radium	18	19	0.947	0.671	0.445					2.326	normal	normal

* - Distribution override for that constituent.
Fit to distribution is confirmed if G <= critical value.
Model type may not match distributional form when detection frequency < 50%.

Table 5

Summary Statistics and Prediction Limits

Constituent	Units	Detect	N	Mean	SD	alpha	Factor	Pred Limit	Type		Conf
Antimony, Total	ug/L	0	19					1.0000	nonpar	***	0.99
Arsenic, Total	ug/L	19	19	0.1915	0.1288	0.0100	2.6174	1.6967	lognor		
Barium, Total	ug/L	19	19	69.2000	4.4398	0.0100	2.6174	80.8211	normal		
Beryllium, Total	ug/L	0	16					0.2000	nonpar	***	0.99
Cadmium, Total	ug/L	0	16					2.0000	nonpar	***	0.99
Chromium, Total	ug/L	0	17					10.0000	nonpar	***	0.99
Cobalt, Total	ug/L	0	19					1.0000	nonpar	***	0.99
Fluoride	mg/L	8	19					0.1300	nonpar		0.99
Lead, Total	ug/L	0	17					10.0000	nonpar	***	0.99
Lithium, Total	ug/L	0	19					20.0000	nonpar	***	0.99
Mercury	ug/L	0	14					2.0000	nonpar	***	0.98
Molybdenum, Total	ug/L	0	19					10.0000	nonpar	***	0.99
Selenium, Total	ug/L	0	19					1.0000	nonpar	***	0.99
Thallium, Total	ug/L	0	14					1.0000	nonpar	***	0.98
Total Radium	pCi/L	18	19	1.2473	0.4261	0.0100	2.6174	2.3626	normal		

Conf = confidence level for passing initial test or one verification resample at all downgradient wells for a single constituent (nonparametric test only).
* - Insufficient Data.
** - Calculated limit raised to Manual Reporting Limit.
*** - Nonparametric limit based on ND value.
For transformed data, mean and SD in transformed units and prediction limit in original units.
All sample sizes and statistics are based on outlier free data.
For nonparametric limits, median reporting limits are substituted for extreme reporting limit values.

Table 6

Dixon's Test Outliers
1% Significance Level

Constituent	Units	Well	Date	Result	ND Qualifier	Date Range	N	Critical Value

N = Total number of independent measurements in background at each well.
Date Range = Dates of the first and last measurements included in background at each well.
Critical Value depends on the significance level and on N-1 when the two most extreme values are tested or N for the most extreme value.

APPENDIX D

95% Lower Confidence Limit Backup Documentation

Appendix D.1 – November 2024 & May 2025 Event – 95% LCL Compared to GWPS
- Appendix D.1.A – Table 1A: LCL Compared to GWPS – Shallow Zone
- Appendix D.1.B – Table 1B: LCL Compared to GWPS – Intermediate Zone
- Appendix D.1.C – Table 1C: LCL Compared to GWPS – Deep Zone

Appendix D.2.A– November 2024 Event – Shallow Zone
- Appendix D.2.A – Table 1: Confidence Intervals (N=4)
- Appendix D.2.A – Table 1: Confidence Intervals (N=8)
- Appendix D.2.A – Table 1: Confidence Intervals (N=10)
- Appendix D.2.A – Table 1: Confidence Intervals (N=14)

Appendix D.2.B– November 2024 Event – Intermediate Zone
- Appendix D.2.B – Table 1: Confidence Intervals (N=4)
- Appendix D.2.B – Table 1: Confidence Intervals (N=6)
- Appendix D.2.B – Table 1: Confidence Intervals (N=7)
- Appendix D.2.B – Table 1: Confidence Intervals (N=8)
- Appendix D.2.B – Table 1: Confidence Intervals (N=9)
- Appendix D.2.B – Table 1: Confidence Intervals (N=10)

Appendix D.2.C– November 2024 Event – Deep Zone
- Appendix D.2.C – Table 1: Confidence Intervals (N=4)

Appendix D.3 – May 2025 Event – Shallow Zone
- Appendix D.3.A – Table 1: Confidence Intervals (N=4)
- Appendix D.3.A – Table 1: Confidence Intervals (Individual Constituents (N=8,11,14)

Appendix D.3.B– May 2025 Event – Intermediate Zone
- Appendix D.3.B – Table 1: Confidence Intervals (N=4)
- Appendix D.3.B – Table 1: Confidence Intervals (Individual Constituents) (N=6,8)

Appendix D.3.C– May 2025 Event – Deep Zone
- Appendix D.3.C – Table 1: Confidence Intervals (N=4)

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-1S	Sep 2018	2.0	1	0.00	1	7.0	1	2.0	1	1.0	1	5.0	1	2.0	1	0.59	1	5.0	1	7.0	1	1.0	1	46	1	5.0	1	1.0	1	0.90	1
	May 2019	2.0	2	0.00	2	3.0	2	2.0	2	1.0	2	5.0	2	2.0	2	0.52	2	5.0	2	7.0	2	1.0	2	41	2	5.0	2	1.0	2	0.65	2
	Nov 2019	1.0	3	0.00	3	33	3	2.0	3	1.0	3	5.0	3	2.0	3	0.43	3	5.0	3	5.0	3	1.0	3	32	3	5.0	3	1.0	3	1.4	3
	May 2020	1.0	4	6.0	4	51	4	2.0	4	1.0	4	5.0	4	2.0	4	0.34	4	5.0	4	5.0	4	1.0	4	29	4	5.0	4	1.0	4	0.30	4
	Nov 2020	2.0	4	3.0	4	54	4	2.0	4	1.0	4	5.0	4	2.0	4	0.33	4	5.0	4	5.0	4	1.0	4	22	4	5.0	4	1.0	4	0.51	4
	May 2021	2.0	4	8.0	4	76	4	2.0	4	1.0	4	5.0	4	2.0	4	0.25	4	5.0	4	10	4	1.0	4	22	4	5.0	4	1.0	4	1.1	4
	Nov 2021	2.8	4	7.1	4	58	4	2.0	4	1.0	4	5.0	4	2.5	4	0.25	4	5.0	4	10	4	1.0	4	22	4	5.0	4	1.0	4	0.60	4
				13 *	8																									1.8	8
	May 2022	2.8	4	5.7	4	57	4	2.0	4	1.0	4	5.0	4	2.5	4	0.24	4	5.0	4	10	4	1.0	4	24	4	5.0	4	1.0	4	0.61	4
				12 *	8																										
	Nov 2022	2.8	4	1.6	4	58	4	2.0	4	1.0	4	5.0	4	0.50	4	0.24	4	5.0	4	10	4	1.0	4	20	4	0.50	4	1.0	4	0.50	4
				15 #	16																										
	May 2023	0.50	4	5.8	4	43	4	0.10	4	1.0	4	5.0	4	0.50	4	0.33	4	5.0	4	10	4	1.0	4	18	4	0.50	4	0.50	4	0.79	4
				7.4	8																										
				10 #	10																										
	Nov 2023	3.0	4	5.1	4	59	4	2.0	4	1.0	4	5.0	4	0.50	4	0.33	4	5.0	4	10	4	1.0	4	18	4	0.50	4	1.0	4	0.92	4
				7.1	8																										
				9.9	11																										
	May 2024	3.0	4	4.6	4	54	4	0.10	4	1.0	4	5.0	4	0.50	4	0.31	4	5.0	4	10	4	1.0	4	19	4	0.50	4	0.50	4	1.3	4
				6.7	9																										
	Nov 2024	0.50	4	4.9	4	55	4	0.10	4	1.0	4	5.0	4	0.50	4	0.27	4	5.0	4	10	4	1.0	4	18	4	0.50	4	0.50	4	1.0 TREND	4
				6.7	10																									0.87 MED	4
	May 2025	0.50	4	4.4	4	53	4	0.10	4	1.0	4	5.0	4	0.50	4	0.29	4	5.0	4	10	4	0.10	4	17	4	0.50	4	0.50	4	1.0	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean / LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-2S	Sep 2018	3.0	1	14 ^	1	80	1	2.0	1	1.0	1	5.0	1	2.0	1	1.2	1	5.0	1	17	1	1.0	1	71	1	5.0	1	1.0	1	1.2	1
	May 2019	3.0	2	12 ^	2	81	2	2.0	2	1.0	2	5.0	2	2.0	2	0.90	2	5.0	2	1.0	2	1.0	2	35	2	5.0	2	1.0	2	0.97	2
	Nov 2019	3.0	3	12 ^	3	64	3	2.0	3	1.0	3	5.0	3	2.0	3	0.59	3	5.0	3	13	3	1.0	3	25	3	5.0	3	1.0	3	1.0	3
	May 2020	3.0	4	10 ^	4	62	4	2.0	4	1.0	4	5.0	4	2.0	4	0.36	4	5.0	4	7.0	4	1.0	4	14	4	5.0	4	1.0	4	0.99	4
	Nov 2020	3.0	4	9.0	4	82	4	2.0	4	1.0	4	5.0	4	1.0	4	0.30	4	5.0	4	7.0	4	1.0	4	28	4	5.0	4	1.0	4	1.1	4
	May 2021	3.0	4	6.0	4	68	4	2.0	4	1.0	4	5.0	4	1.0	4	0.29	4	5.0	4	7.0	4	1.0	4	28	4	5.0	4	1.0	4	0.43	4
	Nov 2021	3.0	4	3.6 11 *	4 8	78	4	2.0	4	1.0	4	5.0	4	1.5	4	0.31	4	5.0	4	5.6	4	1.0	4	29	4	5.0	4	1.0	4	0.34	4
	May 2022	3.0	4	3.5 9.3 14 #	4 8 14	84	4	2.0	4	1.0	4	5.0	4	1.5	4	0.29	4	5.0	4	5.6	4	1.0	4	19	4	5.0	4	1.0	4	0.47	4
	Nov 2022	0.50	4	3.2 14 #	4 15	83	4	0.10	4	1.0	4	5.0	4	0.50	4	0.30	4	5.0	4	6.1	4	1.0	4	14	4	0.50	4	0.50	4	0.84	4
	May 2023	0.50	4	3.7 8.6 10 #	4 8 11	52	4	0.10	4	1.0	4	5.0	4	0.50	4	0.26	4	5.0	4	6.1	4	1.0	4	11	4	0.50	4	0.50	4	1.2	4
	Nov 2023	0.50	4	7.2 8.4 11 #	4 8 13	59	4	2.0	4	1.0	4	5.0	4	1.3	4	0.23	4	5.0	4	5.9	4	1.0	4	15	4	0.50	4	1.0	4	1.2	4
	May 2024	0.50	4	4.6 6.7	4 9	32	4	0.10	4	1.0	4	5.0	4	0.30	4	0.16	4	5.0	4	5.9	4	1.0	4	9.9	4	0.50	4	0.50	4	0.90	4
	Nov 2024	0.50	4	7.1 11 #	4 14	54	4	0.10	4	1.0	4	5.0	4	0.30	4	0.21	4	5.0	4	6.2	4	1.0	4	17	4	0.50	4	0.50	4	0.92	4
	May 2025	0.50	4	8.7 10 #	4 14	52	4	0.10	4	1.0	4	5.0	4	0.30	4	0.28	4	5.0	4	11	4	0.10	4	26	4	0.06	4	0.50	4	1.1	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-2D	Sep 2018	3.0	1	2.0	1	27	1	2.0	1	1.0	1	5.0	1	2.0	1	2.5	1	5.0	1	35	1	1.0	1	202 ^	1	5.0	1	1.0	1	0.96	1
	May 2019	3.0	2	1.0	2	39	2	2.0	2	1.0	2	5.0	2	2.0	2	1.8	2	5.0	2	20	2	1.0	2	120 ^	2	5.0	2	1.0	2	0.99	2
	Nov 2019	3.0	3	1.0	3	48	3	2.0	3	1.0	3	5.0	3	2.0	3	1.2	3	5.0	3	28	3	1.0	3	65	3	5.0	3	1.0	3	0.91	3
	May 2020	3.0	4	2.0	4	52	4	2.0	4	1.0	4	5.0	4	2.0	4	0.86	4	5.0	4	30	4	1.0	4	56	4	5.0	4	1.0	4	1.4	4
	Nov 2020	3.0	4	2.0	4	63	4	2.0	4	1.0	4	5.0	4	2.0	4	0.98	4	5.0	4	40 ^	4	1.0	4	72	4	5.0	4	1.0	4	1.5	4
	May 2021	3.0	4	2.0	4	39	4	2.0	4	1.0	4	5.0	4	2.0	4	0.87	4	5.0	4	37	4	1.0	4	59	4	5.0	4	1.0	4	1.5	4
	Nov 2021	3.0	4	1.9	4	32	4	2.0	4	1.0	4	5.0	4	2.5	4	0.80	4	5.0	4	39 39 58 *	4 8 16	1.0	4	51 66	4 8	5.0	4	1.0	4	0.99	4
	May 2022	3.0	4	2.7	4	24	4	2.0	4	1.0	4	5.0	4	2.5	4	0.84	4	5.0	4	42 ^	4	1.0	4	48	4	5.0	4	1.0	4	1.0	4
	Nov 2022	0.50	4	2.4	4	38	4	0.10	4	1.0	4	5.0	4	0.50	4	0.85	4	5.0	4	42 ^	4	1.0	4	46	4	0.50	4	0.50	4	1.6	4
	May 2023	0.50	4	3.4	4	39	4	0.10	4	1.0	4	5.0	4	0.50	4	0.75	4	5.0	4	49 ^	4	1.0	4	49	4	0.50	4	0.50	4	1.6	4
	Nov 2023	0.50	4	3.7	4	39	4	2.0	4	1.0	4	5.0	4	0.26	4	0.66	4	5.0	4	45 ^	4	1.0	4	53	4	0.50	4	1.0	4	1.5	4
	May 2024	0.50	4	3.4	4	37	4	0.10	4	1.0	4	5.0	4	0.26	4	0.65	4	5.0	4	36 43 *	4 8	1.0	4	60	4	0.50	4	0.50	4	1.2	4
	Nov 2024	0.50	4	4.2	4	36	4	0.10	4	1.0	4	5.0	4	0.26	4	0.60	4	5.0	4	36 43 *	4 8	1.0	4	63	4	0.50	4	0.50	4	0.96	4
	May 2025	0.50	4	4.3	4	37	4	0.10	4	1.0	4	5.0	4	0.26	4	0.52	4	5.0	4	36 44 *	4 8	0.10	4	55	4	0.50	4	0.50	4	0.75	4
MW-3S	Sep 2018	8.0 ^	1	2.0	1	24	1	2.0	1	1.0	1	5.0	1	2.0	1	0.35	1	5.0	1	10	1	1.0	1	52	1	4.0	1	1.0	1	0.49	1
	May 2019	7.0 ^	2	2.0	2	25	2	2.0	2	1.0	2	5.0	2	2.0	2	0.22	2	5.0	2	10	2	1.0	2	41	2	0.00	2	1.0	2	0.55	2
	Nov 2019	8.0 ^	3	1.0	3	28	3	2.0	3	1.0	3	5.0	3	2.0	3	0.20	3	5.0	3	10	3	1.0	3	34	3	0.00	3	1.0	3	0.62	3
	May 2020	7.0 ^	4	2.0	4	35	4	2.0	4	1.0	4	5.0	4	2.0	4	0.22	4	5.0	4	10	4	1.0	4	41	4	1.0	4	1.0	4	0.62	4
	Nov 2020	7.0 ^	4	1.0	4	36	4	2.0	4	1.0	4	5.0	4	2.0	4	0.21	4	5.0	4	10	4	1.0	4	39	4	0.00	4	1.0	4	0.73	4
	May 2021	6.0	4	0.00	4	39	4	2.0	4	1.0	4	5.0	4	2.0	4	0.17	4	5.0	4	10	4	1.0	4	35	4	2.0	4	1.0	4	0.79	4
	Nov 2021	5.8 6.9 *	4 8	0.22	4	38	4	2.0	4	1.0	4	5.0	4	2.5	4	0.13	4	5.0	4	10	4	1.0	4	36	4	1.3	4	1.0	4	0.79	4
	May 2022	4.8 6.2 *	4 8	0.13	4	32	4	2.0	4	1.0	4	5.0	4	2.5	4	0.06	4	5.0	4	10	4	1.0	4	32	4	0.00	4	1.0	4	0.57	4
	Nov 2022	DRY WELL, NOT SAMPLED																													
	May 2023	4.6 5.2	4 8	0.32	4	33	4	0.10	4	1.0	4	5.0	4	0.50	4	0.07	4	5.0	4	10	4	0.10	4	25	4	0.00	4	0.50	4	0.52	4
	Nov 2023	DRY WELL, NOT SAMPLED																													
	May 2024	4.8	4	1.4	4	46	4	0.10	4	1.0	4	5.0	4	0.50	4	0.14	4	5.0	4	10	4	1.0	4	24	4	0.00	4	0.50	4	0.64	4
	Nov 2024	DRY WELL, NOT SAMPLED																													
	May 2025	4.7	4	0.00	4	36	4	0.10	4	1.0	4	5.0	4	0.50	4	0.13	4	5.0	4	10	4	0.10	4	23	4	0.00	4	0.50	4	0.94	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean / LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-4S	Sep 2018	3.0	1	5.0	1	52	1	2.0	1	1.0	1	5.0	1	2.0	1	0.11	1	5.0	1	6.0	1	1.0	1	5.0	1	6.0	1	1.0	1	0.72	1
	May 2019	3.0	2	5.0	2	47	2	2.0	2	1.0	2	5.0	2	2.0	2	0.11	2	5.0	2	6.0	2	1.0	2	5.0	2	5.0	2	1.0	2	0.60	2
	Nov 2019	DRY WELL, NOT SAMPLED																													
	May 2020	3.0	3	2.0	3	48	3	2.0	3	1.0	3	5.0	3	2.0	3	0.06	3	5.0	3	10	3	1.0	3	5.0	3	2.0	3	1.0	3	0.81	3
	Nov 2020	3.0	4	2.0	4	62	4	2.0	4	1.0	4	5.0	4	1.0	4	0.04	4	5.0	4	10	4	1.0	4	5.0	4	10	4	1.0	4	0.84	4
	May 2021	DRY WELL, NOT SAMPLED																													
	Nov 2021	3.0	4	1.5	4	59	4	2.0	4	1.0	4	5.0	4	1.3	4	0.04	4	5.0	4	5.5	4	1.0	4	5.0	4	7.3	4	1.0	4	0.75	4
	May 2022	3.0	4	0.46	4	76	4	2.0	4	1.0	4	5.0	4	1.3	4	0.03	4	5.0	4	5.5	4	1.0	4	5.0	4	0.00	4	1.0	4	0.67	4
	Nov 2022	DRY WELL, NOT SAMPLED																													
	May 2023	DRY WELL, NOT SAMPLED																													
	Nov 2023	DRY WELL, NOT SAMPLED																													
	May 2024	DRY WELL, NOT SAMPLED																													
	Nov 2024	DRY WELL, NOT SAMPLED																													
MW-4SR	May 2025	0.50	4	0.00	4	51	4	0.10	4	1.0	4	5.0	4	0.50	4	0.06	4	5.0	4	5.1	4	0.00	4	1.0	4	0.00	4	0.50	4	0.96	4
MW-5S	Sep 2018	3.0	1	5.0	1	24	1	2.0	1	1.0	1	5.0	1	2.0	1	2.7	1	5.0	1	53 ^	1	1.0	1	249 ^	1	5.0	1	1.0	1	1.0	1
	May 2019	3.0	2	5.0	2	25	2	2.0	2	1.0	2	5.0	2	1.0	2	2.4	2	5.0	2	53 ^	2	1.0	2	227 ^	2	5.0	2	1.0	2	1.1	2
	Nov 2019	DRY WELL, NOT SAMPLED																													
	May 2020	3.0	3	5.0	3	28	3	2.0	3	1.0	3	5.0	3	1.0	3	2.3	3	5.0	3	53 ^	3	1.0	3	217 ^	3	5.0	3	1.0	3	0.94	3
	Nov 2020	3.0	4	5.0	4	25	4	2.0	4	1.0	4	5.0	4	1.0	4	2.2	4	5.0	4	43 ^	4	1.0	4	186 ^	4	5.0	4	1.0	4	0.88	4
	May 2021	3.0	4	5.0	4	24	4	2.0	4	1.0	4	5.0	4	1.0	4	1.8	4	5.0	4	39	4	1.0	4	138 ^	4	5.0	4	1.0	4	0.88	4
	Nov 2021	3.0	4	5.0	4	22	4	2.0	4	1.0	4	5.0	4	0.90	4	1.7	4	5.0	4	39 / 47 *	4 / 8	1.0	4	126 ^	4	5.0	4	1.0	4	0.88	4
	May 2022	3.0	4	5.0	4	22	4	2.0	4	1.0	4	5.0	4	1.5	4	1.6	4	5.0	4	41 ^	4	1.0	4	115 ^	4	5.0	4	1.0	4	0.99	4
	Nov 2022	0.50	4	0.50	4	26	4	2.0	4	1.0	4	5.0	4	1.0	4	1.5	4	5.0	4	43 ^	4	1.0	4	95	4	0.50	4	1.0	4	0.95	4
	May 2023	0.50	4	0.50	4	25	4	0.10	4	1.0	4	5.0	4	0.38	4	1.2	4	5.0	4	45 ^	4	0.10	4	58 / 86	4 / 6	0.50	4	0.50	4	0.74	4
	Nov 2023	DRY WELL, NOT SAMPLED																													
	May 2024	DRY WELL, NOT SAMPLED																													
	Nov 2024	DRY WELL, NOT SAMPLED																													
	May 2025	0.50	4	0.20	4	24	4	0.10	4	1.0	4	0.00	4	0.38	4	0.81	4	5.0	4	43 ^	4	0.10	4	26 TREND / 26 MED	4 / 4	0.00	4	0.50	4	0.80	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-6S	Sep 2018	3.0	1	11 ^	1	72	1	2.0	1	1.0	1	5.0	1	2.0	1	0.92	1	5.0	1	60 ^	1	1.0	1	137 ^	1	2.0	1	1.0	1	0.55	1
	May 2019	1.0	2	11 ^	2	82	2	2.0	2	1.0	2	5.0	2	2.0	2	0.60	2	5.0	2	55 ^	2	1.0	2	79	2	1.0	2	1.0	2	0.66	2
	Nov 2019	DRY WELL, NOT SAMPLED																													
	May 2020	1.0	3	10 ^	3	103	3	2.0	3	1.0	3	5.0	3	2.0	3	0.61	3	5.0	3	55 ^	3	1.0	3	79	3	1.0	3	1.0	3	0.85	3
	Nov 2020	1.0	4	8.0	4	105	4	2.0	4	1.0	4	5.0	4	2.0	4	0.61	4	5.0	4	49 ^	4	1.0	4	74	4	1.0	4	1.0	4	0.70	4
	May 2021	1.0	4	6.0	4	101	4	2.0	4	1.0	4	5.0	4	2.0	4	0.61	4	5.0	4	51 ^	4	1.0	4	77	4	2.0	4	1.0	4	0.43	4
	Nov 2021	3.0	4	6.4	4	108	4	2.0	4	1.0	4	5.0	4	1.4	4	1.0	4	5.0	4	58 ^	4	1.0	4	152 ^	4	3.4	4	1.0	4	0.79	4
				11 *	8																										
	May 2022	3.0	4	0.17	4	111	4	2.0	4	1.0	4	5.0	4	1.5	4	1.2	4	5.0	4	60 ^	4	1.0	4	155 ^	4	3.8	4	1.0	4	0.79	4
				9.9	8																										
				15.4 #	16																										
	Nov 2022	3.0	4	7.7	4	94	4	2.0	4	1.0	4	5.0	4	1.5	4	1.2	4	5.0	4	51 ^	4	1.0	4	155 ^	4	3.8	4	1.0	4	0.85	4
				9.8	8																										
				14.5 #	16																										
	May 2023	0.50	4	7.2	4	86	4	0.10	4	1.0	4	5.0	4	1.5	4	1.2	4	5.0	4	45 ^	4	0.10	4	156 ^	4	0.83	4	0.50	4	0.82	4
				8.9	8																										
				10 #	10																										
	Nov 2023	0.50	4	6.5	4	85	4	2.0	4	1.0	4	5.0	4	1.5	4	1.2	4	5.0	4	44 ^	4	1.0	4	159 ^	4	3.4	4	1.0	4	0.82	4
				9.7	8																										
				11 #	12																										
	May 2024	0.50	4	9.9	4	81	4	2.0	4	1.0	4	5.0	4	1.9	4	1.2	4	5.0	4	46 ^	4	1.0	4	202 ^	4	3.8	4	1.0	4	0.80	4
				8.7	8																										
				11.2 #	13																										
	Nov 2024	0.50	4	10 ^	4	83	4	2.0	4	1.0	4	5.0	4	1.9	4	1.2	4	5.0	4	47 ^	4	1.0	4	188 ^	4	0.00	4	1.0	4	0.79 TREND	4
																														0.77 MED	4
	May 2025	0.50	4	7.0	4	84	4	0.10	4	1.0	4	5.0	4	2.0	4	1.1	4	5.0	4	49 ^	4	0.10	4	175 ^	4	0.00	4	0.50	4	0.88	4
				8.9	8																										
				10.9 #	13																										

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-7S	Sep 2018	3.0	1	324 ^	1	38	1	2.0	1	1.0	1	5.0	1	2.0	1	0.40	1	5.0	1	92 ^	1	1.0	1	410 ^	1	5.0	1	1.0	1	1.1	1
	May 2019	3.0	2	319 ^	2	34	2	2.0	2	1.0	2	5.0	2	1.0	2	0.39	2	5.0	2	90 ^	2	1.0	2	438 ^	2	5.0	2	1.0	2	1.2	2
	Nov 2019	3.0	3	309 ^	3	35	3	2.0	3	1.0	3	5.0	3	1.0	3	0.42	3	5.0	3	89 ^	3	1.0	3	508 ^	3	5.0	3	1.0	3	1.3	3
	May 2020	3.0	4	306 ^	4	33	4	2.0	4	1.0	4	5.0	4	1.0	4	0.43	4	5.0	4	84 ^	4	1.0	4	509 ^	4	5.0	4	1.0	4	1.1	4
	Nov 2020	3.0	4	337 ^	4	32	4	2.0	4	1.0	4	5.0	4	1.0	4	0.46	4	5.0	4	82 ^	4	1.0	4	571 ^	4	5.0	4	1.0	4	0.98	4
	May 2021	3.0	4	374 ^	4	34	4	2.0	4	1.0	4	5.0	4	1.0	4	0.47	4	5.0	4	82 ^	4	1.0	4	619 ^	4	5.0	4	1.0	4	0.97	4
	Nov 2021	3.0	4	355 ^	4	38	4	2.0	4	1.0	4	5.0	4	1.7	4	0.49	4	5.0	4	82 ^	4	1.0	4	632 ^	4	5.0	4	1.0	4	0.90	4
	May 2022	3.0	4	359 ^	4	35	4	2.0	4	1.0	4	5.0	4	1.7	4	0.45	4	5.0	4	82 ^	4	1.0	4	586 ^	4	5.0	4	1.0	4	0.80	4
	Nov 2022	0.50	4	365 ^	4	38	4	2.0	4	1.0	4	5.0	4	1.7	4	0.46	4	5.0	4	82 ^	4	1.0	4	575 ^	4	0.50	4	1.0	4	0.79	4
	May 2023	0.50	4	373 ^	4	38	4	0.10	4	1.0	4	5.0	4	0.50	4	0.50	4	5.0	4	80 ^	4	1.0	4	525 ^	4	0.50	4	0.50	4	0.76	4
	Nov 2023	0.50	4	374 ^	4	37	4	2.0	4	1.0	4	5.0	4	2.5	4	0.55	4	5.0	4	74 ^	4	1.0	4	460 ^	4	0.50	4	1.0	4	0.77	4
	May 2024	0.50	4	321 ^	4	38	4	0.10	4	1.0	4	5.0	4	1.5	4	0.57	4	5.0	4	74 ^	4	1.0	4	385 ^	4	0.50	4	0.50	4	0.98	4
	Nov 2024	0.50	4	321 ^	4	36	4	0.10	4	1.0	4	5.0	4	0.23	4	0.55	4	5.0	4	66 ^	4	1.0	4	357 TREND ^ 347 MED ^	4 4	0.50	4	0.50	4	0.31 TREND 0.00 MED	4 4
	May 2025	0.50	4	318 ^	4	37	4	0.10	4	1.0	4	5.0	4	0.37	4	0.50	4	5.0	4	66 ^	4	1.0	4	337 TREND ^ 326 MED ^	4 4	0.50	4	0.50	4	0.80	4
MW-8S	Sep 2018	3.0	1	5.0	1	18	1	2.0	1	1.0	1	5.0	1	2.0	1	0.07	1	5.0	1	72 ^	1	1.0	1	133 ^	1	5.0	1	1.0	1	0.70	1
	May 2019	3.0	2	5.0	2	35	2	2.0	2	1.0	2	5.0	2	2.0	2	0.07	2	5.0	2	82 ^	2	1.0	2	171 ^	2	2.0	2	1.0	2	0.70	2
	Nov 2019	3.0	3	5.0	3	36	3	2.0	3	1.0	3	5.0	3	2.0	3	0.06	3	5.0	3	118 ^	3	1.0	3	279 ^	3	2.0	3	1.0	3	0.62	3
	May 2020	3.0	4	5.0	4	36	4	2.0	4	1.0	4	5.0	4	2.0	4	0.06	4	5.0	4	114 ^	4	1.0	4	242 ^	4	1.0	4	1.0	4	0.62	4
	Nov 2020	3.0	4	5.0	4	36	4	2.0	4	1.0	4	5.0	4	2.0	4	0.11	4	5.0	4	113 ^	4	1.0	4	279 ^	4	1.0	4	1.0	4	0.69	4
	May 2021	3.0	4	5.0	4	31	4	2.0	4	1.0	4	5.0	4	2.0	4	0.06	4	5.0	4	113 ^	4	1.0	4	292 ^	4	2.0	4	1.0	4	0.69	4
	Nov 2021	3.0	4	5.0	4	29	4	2.0	4	1.0	4	5.0	4	2.5	4	0.06	4	5.0	4	107 ^	4	1.0	4	229 ^	4	0.82	4	1.0	4	0.82	4
	May 2022	3.0	4	5.0	4	29	4	2.0	4	1.0	4	5.0	4	2.5	4	0.03	4	5.0	4	94 ^	4	1.0	4	148 ^	4	1.1	4	1.0	4	0.65	4
	Nov 2022	0.50	4	0.50	4	27	4	2.0	4	1.0	4	5.0	4	2.0	4	0.03	4	5.0	4	99 ^	4	1.0	4	178 ^	4	1.1	4	1.0	4	0.64	4
	May 2023	0.50	4	0.50	4	27	4	0.10	4	1.0	4	5.0	4	0.00	4	0.06	4	5.0	4	97 ^	4	1.0	4	164 ^	4	0.00	4	0.50	4	0.66	4
	Nov 2023	0.50	4	0.50	4	28	4	2.0	4	1.0	4	5.0	4	0.00	4	0.05	4	5.0	4	97 ^	4	1.0	4	159 ^	4	4.9	4	1.0	4	0.61	4
	May 2024	0.50	4	0.50	4	24	4	0.10	4	1.0	4	5.0	4	0.00	4	0.11	4	5.0	4	81 ^	4	1.0	4	188 ^	4	3.5	4	0.50	4	0.77	4
	Nov 2024	0.50	4	0.50	4	26	4	0.10	4	1.0	4	5.0	4	0.30	4	0.10	4	5.0	4	80 ^	4	1.0	4	160 TREND ^ 172 MED ^	4 4	0.00	4	0.50	4	0.77	4
	May 2025	0.50	4	0.50	4	25	4	0.10	4	1.0	4	5.0	4	0.30	4	0.10	4	5.0	4	62 ^	4	0.10	4	140 ^	4	0.00	4	0.50	4	0.64	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean / LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-9S	Sep 2018	9.0 ^	1	5.0	1	41	1	2.0	1	1.0	1	5.0	1	2.0	1	0.05	1	5.0	1	87 ^	1	1.0	1	88	1	0.00	1	1.0	1	0.66	1
	May 2019	8.0 ^	2	5.0	2	47	2	2.0	2	1.0	2	5.0	2	2.0	2	0.01	2	5.0	2	74 ^	2	1.0	2	83	2	0.00	2	1.0	2	0.80	2
	Nov 2019	DRY WELL, NOT SAMPLED																													
	May 2020	9.0 ^	3	2.0	3	49	3	2.0	3	1.0	3	5.0	3	2.0	3	0.02	3	5.0	3	73 ^	3	1.0	3	92	3	9.0	3	1.0	3	0.80	3
	Nov 2020	7.0 ^	4	2.0	4	50	4	2.0	4	1.0	4	5.0	4	2.0	4	0.02	4	5.0	4	68 ^	4	1.0	4	69	4	0.00	4	1.0	4	0.73	4
	May 2021	DRY WELL, NOT SAMPLED																													
	Nov 2021	DRY WELL, NOT SAMPLED																													
	May 2022	DRY WELL, NOT SAMPLED																													
	Nov 2022	DRY WELL, NOT SAMPLED																													
	May 2023	DRY WELL, NOT SAMPLED																													
	Nov 2023	DRY WELL, NOT SAMPLED																													
	May 2024	DRY WELL, NOT SAMPLED																													
	Nov 2024	DRY WELL, NOT SAMPLED																													
	May 2025	DRY WELL, NOT SAMPLED																													
MW-10S	Sep 2018	3.0	1	356 ^	1	42	1	2.0	1	1.0	1	5.0	1	2.0	1	1.8	1	5.0	1	51 ^	1	1.0	1	108 ^	1	5.0	1	1.0	1	1.0	1
	May 2019	3.0	2	321 ^	2	37	2	2.0	2	1.0	2	5.0	2	2.0	2	1.8	2	5.0	2	50 ^	2	1.0	2	92	2	5.0	2	1.0	2	0.97	2
	Nov 2019	3.0	3	326 ^	3	41	3	2.0	3	1.0	3	5.0	3	2.0	3	2.1	3	5.0	3	55 ^	3	1.0	3	85	3	5.0	3	1.0	3	0.60	3
	May 2020	3.0	4	337 ^	4	38	4	2.0	4	1.0	4	5.0	4	1.0	4	1.9	4	5.0	4	57 ^	4	1.0	4	80	4	5.0	4	1.0	4	0.54	4
	Nov 2020	3.0	4	340 ^	4	35	4	2.0	4	1.0	4	5.0	4	1.0	4	2.0	4	5.0	4	51 ^	4	1.0	4	77	4	5.0	4	1.0	4	0.00	4
	May 2021	3.0	4	342 ^	4	42	4	2.0	4	1.0	4	5.0	4	1.0	4	2.0	4	5.0	4	42 ^	4	1.0	4	71	4	5.0	4	1.0	4	0.00	4
	Nov 2021	3.0	4	341 ^	4	51	4	2.0	4	1.0	4	5.0	4	1.4	4	2.1	4	5.0	4	40 ^	4	1.0	4	70 77	4 8	5.0	4	1.0	4	0.00	4
	May 2022	3.0	4	359 ^	4	51	4	2.0	4	1.0	4	5.0	4	2.5	4	2.4	4	5.0	4	41 ^	4	1.0	4	65	4	5.0	4	1.0	4	0.00	4
	Nov 2022	0.50	4	374 ^	4	69	4	0.10	4	1.0	4	5.0	4	0.50	4	2.4	4	5.0	4	33 47 *	4 10	1.0	4	66	4	0.50	4	0.50	4	0.92	4
	May 2023	0.50	4	371 ^	4	70	4	0.10	4	1.0	4	5.0	4	0.50	4	2.4	4	5.0	4	29 39 45 #	4 8 11	1.0	4	61	4	0.50	4	0.50	4	0.86	4
	Nov 2023	0.50	4	321 ^	4	56	4	2.0	4	1.0	4	5.0	4	0.50	4	2.6	4	5.0	4	31 35	4 7	1.0	4	32	4	0.50	4	1.0	4	0.86	4
	May 2024	0.50	4	282 ^	4	56	4	0.10	4	1.0	4	5.0	4	0.50	4	2.6	4	5.0	4	29 39	4 10	1.0	4	46 63	4 8	0.23	4	0.50	4	0.77	4
	Nov 2024	0.50	4	257 ^	4	35	4	0.10	4	1.0	4	5.0	4	0.50	4	2.4	4	5.0	4	27 36	4 10	1.0	4	67	4	0.23	4	0.50	4	0.84	4
	May 2025	0.50	4	252 ^	4	34	4	0.10	4	1.0	4	5.0	4	0.50	4	1.9 TREND 1.9 MED	4 4	5.0	4	27 38	4 11	0.10	4	92 72	4 8	0.23	4	0.50	4	0.68	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-11S	Sep 2018	3.0	1	2.0	1	40	1	2.0	1	1.0	1	0.24	1	0.00	1	1.4	1	2.0	1	0.19	1	1.0	1	72	1	5.0	1	1.0	1	1.3	1
	May 2019	3.0	2	1.0	2	41	2	2.0	2	1.0	2	0.00	2	0.00	2	1.4	2	2.0	2	0.00	2	1.0	2	73	2	5.0	2	1.0	2	1.1	2
	Nov 2019	3.0	3	2.0	3	54	3	2.0	3	1.0	3	2.0	3	0.00	3	1.4	3	2.0	3	10	3	1.0	3	73	3	5.0	3	1.0	3	0.60	3
	May 2020	3.0	4	0.00	4	8.0	4	1.0	4	1.0	4	0.00	4	0.00	4	1.3	4	1.0	4	0.00	4	1.0	4	71	4	5.0	4	1.0	4	0.47	4
	Nov 2020	3.0	4	0.00	4	2.0	4	1.0	4	1.0	4	0.00	4	0.00	4	1.4	4	1.0	4	0.00	4	1.0	4	73	4	5.0	4	1.0	4	0.59	4
	May 2021	3.0	4	0.00	4	0.00	4	1.0	4	1.0	4	0.00	4	0.00	4	1.4	4	1.0	4	0.00	4	1.0	4	76	4	5.0	4	1.0	4	0.64	4
	Nov 2021	3.0	4	0.00	4	0.00	4	0.93	4	1.0	4	5.0	4	0.00	4	1.4	4	1.5	4	0.00	4	1.0	4	76	4	5.0	4	1.0	4	0.81	4
	May 2022	3.0	4	0.00	4	41	4	0.29	4	1.0	4	1.7	4	1.7	4	1.3	4	5.0	4	4.9	4	1.0	4	76	4	1.7	4	1.0	4	0.90	4
	Nov 2022	0.50	4	0.12	4	38	4	0.29	4	1.0	4	1.7	4	1.7	4	1.3	4	5.0	4	4.9	4	1.0	4	73	4	0.97	4	1.0	4	0.79	4
	May 2023	0.50	4	0.31	4	38	4	0.00	4	1.0	4	1.7	4	0.00	4	1.4	4	5.0	4	4.9	4	1.0	4	73	4	0.30	4	0.50	4	0.87	4
	Nov 2023	0.50	4	1.5	4	52	4	0.66	4	1.0	4	1.7	4	1.4	4	1.5	4	5.0	4	4.9	4	1.0	4	71	4	0.97	4	1.0	4	0.85	4
	May 2024	0.50	4	1.7	4	58	4	0.66	4	1.0	4	1.7	4	0.00	4	1.5	4	5.0	4	10	4	1.0	4	68	4	0.50	4	0.50	4	0.85	4
	Nov 2024	0.50	4	1.6	4	61	4	0.66	4	1.0	4	1.7	4	0.00	4	1.5	4	5.0	4	10	4	1.0	4	68	4	0.50	4	0.50	4	0.79	4
	May 2025	0.50	4	1.9	4	70	4	0.10	4	1.0	4	5.0	4	0.00	4	1.4	4	5.0	4	10	4	0.10	4	67	4	0.50	4	0.50	4	0.83	4
MW-12S	Sep 2018	2.0	1	13 ^	1	28	1	2.0	1	1.0	1	5.0	1	2.0	1	0.46	1	5.0	1	102 ^	1	1.0	1	274 ^	1	5.0	1	1.0	1	0.89	1
	May 2019	3.0	2	18 ^	2	26	2	2.0	2	1.0	2	5.0	2	2.0	2	0.88	2	5.0	2	100 ^	2	1.0	2	248 ^	2	2.0	2	1.0	2	0.90	2
	Nov 2019	DRY WELL, NOT SAMPLED																													
	May 2020	2.0	4	27 ^	4	27	4	2.0	4	1.0	4	5.0	4	2.0	4	1.5	4	5.0	4	97 ^	4	1.0	4	202 ^	4	2.0	4	1.0	4	0.90	4
	Nov 2020	2.0	4	27 ^	4	28	4	2.0	4	1.0	4	5.0	4	2.0	4	1.5	4	5.0	4	84 ^	4	1.0	4	178 ^	4	2.0	4	1.0	4	0.94	4
	May 2021	DRY WELL, NOT SAMPLED																													
	Nov 2021	1.9	4	29 ^	4	28	4	2.0	4	1.0	4	5.0	4	2.5	4	1.5	4	5.0	4	68 ^	4	1.0	4	148 ^	4	1.0	4	1.0	4	0.74	4
	May 2022	1.9	4	39 ^	4	30	4	2.0	4	1.0	4	5.0	4	2.5	4	1.7	4	5.0	4	65 ^	4	1.0	4	117 ^	4	0.00	4	1.0	4	0.67	4
	Nov 2022	DRY WELL, NOT SAMPLED																													
	May 2023	DRY WELL, NOT SAMPLED																													
	Nov 2023	DRY WELL, NOT SAMPLED																													
	May 2024	DRY WELL, NOT SAMPLED																													
	Nov 2024	DRY WELL, NOT SAMPLED																													
	May 2025	DRY WELL, NOT SAMPLED																													

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1A

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
SHALLOW ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-13S	Sep 2018	3.0	1	328 ^	1	24	1	2.0	1	1.0	1	5.0	1	2.0	1	0.65	1	5.0	1	83 ^	1	1.0	1	466 ^	1	5.0	1	1.0	1	0.71	1
	May 2019	3.0	2	313 ^	2	25	2	2.0	2	1.0	2	5.0	2	2.0	2	0.68	2	5.0	2	84 ^	2	1.0	2	547 ^	2	5.0	2	1.0	2	0.73	2
	Nov 2019	3.0	3	312 ^	3	26	3	2.0	3	1.0	3	5.0	3	2.0	3	0.79	3	5.0	3	75 ^	3	1.0	3	726 ^	3	5.0	3	1.0	3	0.73	3
	May 2020	3.0	4	306 ^	4	25	4	2.0	4	1.0	4	5.0	4	2.0	4	0.78	4	5.0	4	74 ^	4	1.0	4	746 ^	4	5.0	4	1.0	4	0.88	4
	Nov 2020	3.0	4	291 ^	4	28	4	2.0	4	1.0	4	5.0	4	2.0	4	0.78	4	5.0	4	66 ^	4	1.0	4	720 ^	4	5.0	4	1.0	4	0.86	4
	May 2021	3.0	4	289 ^	4	29	4	2.0	4	1.0	4	5.0	4	2.0	4	0.80	4	5.0	4	62 ^	4	1.0	4	684 ^	4	5.0	4	1.0	4	0.86	4
	Nov 2021	3.0	4	293 ^	4	31	4	2.0	4	1.0	4	5.0	4	2.5	4	0.85	4	5.0	4	62 ^	4	1.0	4	577 ^	4	5.0	4	1.0	4	0.91	4
	May 2022	3.0	4	293 ^	4	33	4	2.0	4	1.0	4	5.0	4	2.5	4	0.82	4	5.0	4	60 ^	4	1.0	4	527 ^	4	5.0	4	1.0	4	0.91	4
	Nov 2022	0.50	4	289 ^	4	36	4	2.0	4	1.0	4	5.0	4	0.50	4	0.81	4	5.0	4	59 ^	4	1.0	4	504 ^	4	0.50	4	1.0	4	0.89	4
	May 2023	0.50	4	291 ^	4	36	4	0.10	4	1.0	4	5.0	4	0.50	4	0.81	4	5.0	4	57 ^	4	1.0	4	491 ^	4	0.50	4	0.50	4	0.71	4
	Nov 2023	0.50	4	286 ^	4	34	4	2.0	4	1.0	4	5.0	4	0.50	4	0.79	4	5.0	4	57 ^	4	1.0	4	371 ^	4	0.50	4	1.0	4	0.59	4
	May 2024	0.50	4	287 ^	4	35	4	0.10	4	1.0	4	5.0	4	0.50	4	0.77	4	5.0	4	57 ^	4	1.0	4	312 ^	4	0.50	4	0.50	4	0.69	4
	Nov 2024	0.50	4	286 ^	4	36	4	0.10	4	1.0	4	5.0	4	0.50	4	0.71 TREND 0.70 MED	4 4	5.0	4	56 ^	4	1.0	4	266 TREND ^ 248 MED ^	4 4	0.50	4	0.50	4	0.45	4
	May 2025	0.50	4	286 ^	4	45	4	0.10	4	1.0	4	5.0	4	0.50	4	0.65 TREND 0.67 MED	4 4	5.0	4	56 ^	4	0.00	4	279 ^	4	0.50	4	0.50	4	0.72	4
MW-14D	Sep 2018	3.0	1	113 ^	1	49	1	2.0	1	1.0	1	5.0	1	2.0	1	0.25	1	5.0	1	551 ^	1	1.0	1	177 ^	1	5.0	1	1.0	1	1.2	1
	May 2019	3.0	2	105 ^	2	46	2	2.0	2	1.0	2	5.0	2	2.0	2	0.24	2	5.0	2	532 ^	2	1.0	2	181 ^	2	5.0	2	1.0	2	1.2	2
	Nov 2019	3.0	3	99 ^	3	47	3	2.0	3	1.0	3	5.0	3	1.0	3	0.20	3	5.0	3	488 ^	3	1.0	3	159 ^	3	5.0	3	1.0	3	1.2	3
	May 2020	3.0	4	104 ^	4	46	4	2.0	4	1.0	4	5.0	4	1.0	4	0.08	4	5.0	4	449 ^	4	1.0	4	159 ^	4	5.0	4	1.0	4	1.3	4
	Nov 2020	3.0	4	100 ^	4	46	4	2.0	4	1.0	4	5.0	4	1.0	4	0.08	4	5.0	4	378 ^	4	1.0	4	174 ^	4	5.0	4	1.0	4	1.4	4
	May 2021	3.0	4	103 ^	4	48	4	2.0	4	1.0	4	5.0	4	1.0	4	0.02	4	5.0	4	398 ^	4	1.0	4	189 ^	4	5.0	4	1.0	4	1.6	4
	Nov 2021	3.0	4	104 ^	4	46	4	2.0	4	1.0	4	5.0	4	1.4	4	0.01	4	5.0	4	498 ^	4	1.0	4	190 ^	4	5.0	4	1.0	4	1.5	4
	May 2022	3.0	4	104 ^	4	40	4	2.0	4	1.0	4	5.0	4	1.4	4	0.07	4	5.0	4	496 ^	4	1.0	4	201 ^	4	5.0	4	1.0	4	1.1	4
	Nov 2022	0.50	4	107 ^	4	32	4	0.10	4	1.0	4	5.0	4	0.26	4	0.07	4	5.0	4	579 ^	4	1.0	4	201 ^	4	0.50	4	0.50	4	0.87	4
	May 2023	0.50	4	108 ^	4	35	4	0.10	4	1.0	4	5.0	4	0.50	4	0.19	4	5.0	4	556 ^	4	1.0	4	200 ^	4	0.50	4	0.50	4	0.98	4
	Nov 2023	0.50	4	108 ^	4	35	4	2.0	4	1.0	4	5.0	4	2.5	4	0.22	4	5.0	4	528 ^	4	1.0	4	196 ^	4	0.50	4	1.0	4	0.91	4
	May 2024	0.50	4	106 ^	4	33	4	0.10	4	1.0	4	5.0	4	0.50	4	0.24	4	5.0	4	469 ^	4	1.0	4	192 ^	4	0.50	4	0.50	4	0.92	4
	Nov 2024	0.50	4	113 ^	4	34 TREND 33 MED	4 4	0.10	4	1.0	4	5.0	4	0.50	4	0.20	4	5.0	4	453 TREND ^ 397 MED ^	4 4	1.0	4	170 ^	4	0.50	4	0.50	4	1.0	4
	May 2025	0.50	4	115 ^	4	34	4	0.10	4	1.0	4	5.0	4	0.50	4	0.18	4	5.0	4	457 TREND ^ 450 MED ^	4 4	1.0	4	146 TREND ^ 144 MED ^	4 4	0.50	4	0.50	4	1.0	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean / LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE

		Phase II Parameters																											
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-1D	Sep 2018	3.0	1	2.0	1	49	1	2.0	1	1.0	1	5.0	1	2.0	1	0.36	1	5.0	1	31	1	1.0	1	49	1	5.0	1	1.0	1	0.89	1
	May 2019	3.0	2	4.0	2	47	2	2.0	2	1.0	2	5.0	2	2.0	2	0.34	2	5.0	2	31	2	1.0	2	48	2	5.0	2	1.0	2	0.90	2
	Nov 2019	3.0	3	4.0	3	48	3	2.0	3	1.0	3	5.0	3	2.0	3	0.31	3	5.0	3	25	3	1.0	3	46	3	5.0	3	1.0	3	0.85	3
	May 2020	3.0	4	4.0	4	50	4	2.0	4	1.0	4	5.0	4	2.0	4	0.27	4	5.0	4	25	4	1.0	4	45	4	5.0	4	1.0	4	0.96	4
	Nov 2020	3.0	4	0.00	4	45	4	2.0	4	1.0	4	5.0	4	2.0	4	0.27	4	5.0	4	11	4	1.0	4	36	4	5.0	4	1.0	4	0.42	4
	May 2021	3.0	4	0.00	4	51	4	2.0	4	1.0	4	5.0	4	2.0	4	0.23	4	5.0	4	11	4	1.0	4	35	4	5.0	4	1.0	4	0.84	4
	Nov 2021	3.0	4	0.00 0.00	4 8	60	4	2.0	4	1.0	4	5.0	4	2.5	4	0.23	4	5.0	4	10 22	4 8	1.0	4	32	4	5.0	4	1.0	4	0.64	4
	May 2022	3.0	4	0.00 3.7	4 8	63	4	2.0	4	1.0	4	5.0	4	2.5	4	0.23	4	5.0	4	7.6 20	4 9	1.0	4	33	4	5.0	4	1.0	4	0.55	4
	Nov 2022	0.50	4	3.3	4	71	4	0.10	4	1.0	4	5.0	4	0.50	4	0.23	4	5.0	4	7.6	4	1.0	4	28	4	0.50	4	0.50	4	0.81	4
	May 2023	0.50	4	3.2	4	71	4	0.10	4	1.0	4	5.0	4	0.50	4	0.33	4	5.0	4	5.5	4	1.0	4	26	4	0.50	4	0.50	4	0.96	4
	Nov 2023	0.50	4	3.5	4	74	4	2.0	4	1.0	4	5.0	4	0.50	4	0.41	4	5.0	4	10	4	1.0	4	19	4	0.50	4	1.0	4	1.1	4
	May 2024	0.50	4	3.1	4	77	4	0.10	4	1.0	4	5.0	4	0.50	4	0.39	4	5.0	4	10	4	1.0	4	18	4	0.50	4	0.50	4	0.96	4
	Nov 2024	0.50	4	2.8	4	78	4	0.10	4	1.0	4	5.0	4	0.50	4	0.36	4	5.0	4	10	4	1.0	4	15	4	0.50	4	0.50	4	0.93	4
	May 2025	0.50	4	3.2	4	68	4	0.10	4	1.0	4	5.0	4	0.50	4	0.35	4	5.0	4	10	4	0.10	4	15	4	0.50	4	0.50	4	0.87	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

**95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE**

		Phase II Parameters																											
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L		ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L		ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-7D	Sep 2018	3.0	1	443	^	48	1	2.0	1	1.0	1	5.0	1	2.0	1	0.26	1	5.0	1	108	^	1.0	1	426	^	5.0	1	1.0	1	1.3	1
	May 2019	3.0	2	438	^	41	2	2.0	2	1.0	2	5.0	2	2.0	2	0.26	2	5.0	2	106	^	1.0	2	467	^	5.0	2	1.0	2	0.78	2
	Nov 2019	3.0	3	422	^	42	3	2.0	3	1.0	3	5.0	3	2.0	3	0.28	3	5.0	3	97	^	1.0	3	546	^	5.0	3	1.0	3	0.88	3
	May 2020	3.0	4	426	^	42	4	2.0	4	1.0	4	5.0	4	2.0	4	0.29	4	5.0	4	94	^	1.0	4	554	^	5.0	4	1.0	4	0.83	4
	Nov 2020	3.0	4	405	^	39	4	2.0	4	1.0	4	5.0	4	2.0	4	0.32	4	5.0	4	87	^	1.0	4	596	^	5.0	4	1.0	4	0.69	4
	May 2021	3.0	4	404	^	38	4	2.0	4	1.0	4	5.0	4	2.0	4	0.34	4	5.0	4	91	^	1.0	4	629	^	5.0	4	1.0	4	0.86	4
	Nov 2021	3.0	4	411	^	36	4	2.0	4	0.63	4	5.0	4	1.9	4	0.36	4	5.0	4	92	^	1.0	4	682	^	5.0	4	1.0	4	0.84	4
	May 2022	3.0	4	411	^	36	4	2.0	4	0.63	4	5.0	4	1.9	4	0.34	4	5.0	4	92	^	1.0	4	608	^	5.0	4	1.0	4	0.80	4
	Nov 2022	0.50	4	440	^	38	4	2.0	4	0.63	4	5.0	4	1.9	4	0.35	4	5.0	4	94	^	1.0	4	593	^	0.50	4	1.0	4	0.78	4
	May 2023	0.50	4	438	^	39	4	0.10	4	1.0	4	5.0	4	0.06	4	0.39	4	5.0	4	93	^	1.0	4	545	^	0.50	4	0.50	4	0.82	4
	Nov 2023	0.50	4	429	^	40	4	2.0	4	1.0	4	5.0	4	0.50	4	0.46	4	5.0	4	83	^	1.0	4	478	^	0.50	4	1.0	4	0.74	4
	May 2024	0.50	4	418	^	39	4	0.10	4	1.0	4	5.0	4	0.50	4	0.44	4	5.0	4	83	^	1.0	4	426	^	0.50	4	0.50	4	0.84	4
	Nov 2024	0.50	4	433	^	39	4	0.10	4	1.0	4	5.0	4	0.50	4	0.45	4	5.0	4	78	^	1.0	4	400 TREND	^	0.50	4	0.50	4	0.86	4
																								390 MED	^						
	May 2025	0.50	4	440	^	39	4	0.10	4	1.0	4	5.0	4	0.50	4	0.41	4	5.0	4	78	^	0.10	4	366 TREND	^	0.50	4	0.50	4	1.0	4
																								373 MED	^						

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-9I	Sep 2018	3.0	1	5.0	1	30	1	2.0	1	1.0	1	5.0	1	2.0	1	0.54	1	5.0	1	33	1	1.0	1	109 ^	1	5.0	1	1.0	1	0.95	1
	May 2019	3.0	2	4.0	2	38	2	2.0	2	1.0	2	5.0	2	2.0	2	0.52	2	5.0	2	30	2	1.0	2	98	2	5.0	2	1.0	2	0.93	2
	Nov 2019	3.0	3	4.0	3	54	3	2.0	3	1.0	3	5.0	3	2.0	3	0.53	3	5.0	3	31	3	1.0	3	88	3	5.0	3	1.0	3	0.74	3
	May 2020	3.0	4	4.0	4	53	4	2.0	4	1.0	4	5.0	4	2.0	4	0.60	4	5.0	4	29	4	1.0	4	89	4	5.0	4	1.0	4	0.54	4
	Nov 2020	3.0	4	4.0	4	55	4	2.0	4	1.0	4	5.0	4	2.0	4	0.67	4	5.0	4	23	4	1.0	4	89	4	5.0	4	1.0	4	0.60	4
	May 2021	3.0	4	4.0	4	58	4	2.0	4	1.0	4	5.0	4	2.0	4	0.65	4	5.0	4	24	4	1.0	4	78	4	5.0	4	1.0	4	0.48	4
	Nov 2021	3.0	4	4.2	4	64	4	2.0	4	0.63	4	5.0	4	2.5	4	0.71	4	5.0	4	24 28	4 8	1.0	4	85 97 122 *	4 8 16	5.0	4	1.0	4	0.79	4
	May 2022	3.0	4	2.7	4	66	4	2.0	4	0.63	4	5.0	4	2.5	4	0.78	4	5.0	4	23	4	1.0	4	92 96 107 #	4 8 14	5.0	4	1.0	4	0.72	4
	Nov 2022	0.50	4	2.9	4	68	4	0.10	4	0.63	4	5.0	4	0.50	4	0.90	4	5.0	4	23	4	1.0	4	111 ^	4	0.50	4	0.50	4	0.54	4
	May 2023	0.50	4	3.2	4	63	4	0.10	4	1.0	4	5.0	4	0.50	4	0.78	4	5.0	4	12	4	1.0	4	109 ^	4	0.50	4	0.50	4	0.64	4
	Nov 2023	0.50	4	6.1	4	63	4	2.0	4	1.0	4	5.0	4	0.50	4	0.59	4	5.0	4	12	4	1.0	4	92 103 ^	4 6	0.50	4	1.0	4	0.77	4
	May 2024	0.50	4	0.46	4	57	4	0.10	4	1.0	4	5.0	4	0.50	4	0.62	4	5.0	4	5.2	4	1.0	4	93 102 *	4 8	0.50	4	0.50	4	0.75	4
	Nov 2024	0.50	4	21 TREND ^ 18 MED ^	4 4	40	4	0.10	4	1.0	4	5.0	4	0.50	4	0.64	4	5.0	4	9.3	4	1.0	4	93 109 *	4 8	0.50	4	0.50	4	0.86	4
	May 2025	0.50	4	61 TREND ^ 70 MED ^	4 4	38	4	0.10	4	1.0	4	5.0	4	0.50	4	0.63	4	5.0	4	26 22	4 8	0.10	4	95 108 *	4 8	0.50	4	0.50	4	0.91	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-10S	Sep 2018	3.0	1	356 ^	1	42	1	2.0	1	1.0	1	5.0	1	2.0	1	1.8	1	5.0	1	51 ^	1	1.0	1	108 ^	1	5.0	1	1.0	1	1.0	1
	May 2019	3.0	2	321 ^	2	37	2	2.0	2	1.0	2	5.0	2	2.0	2	1.8	2	5.0	2	50 ^	2	1.0	2	92	2	5.0	2	1.0	2	0.97	2
	Nov 2019	3.0	3	326 ^	3	41	3	2.0	3	1.0	3	5.0	3	2.0	3	2.1	3	5.0	3	55 ^	3	1.0	3	85	3	5.0	3	1.0	3	0.60	3
	May 2020	3.0	4	337 ^	4	38	4	2.0	4	1.0	4	5.0	4	1.0	4	1.9	4	5.0	4	57 ^	4	1.0	4	80	4	5.0	4	1.0	4	0.54	4
	Nov 2020	3.0	4	340 ^	4	35	4	2.0	4	1.0	4	5.0	4	1.0	4	2.0	4	5.0	4	51 ^	4	1.0	4	77	4	5.0	4	1.0	4	0.00	4
	May 2021	3.0	4	342 ^	4	42	4	2.0	4	1.0	4	5.0	4	1.0	4	2.0	4	5.0	4	42 ^	4	1.0	4	71	4	5.0	4	1.0	4	0.00	4
	Nov 2021	3.0	4	341 ^	4	51	4	2.0	4	0.63	4	5.0	4	1.4	4	2.1	4	5.0	4	40 ^	4	1.0	4	70 77	4 8	5.0	4	1.0	4	0.00	4
	May 2022	3.0	4	359 ^	4	51	4	2.0	4	0.63	4	5.0	4	2.5	4	2.4	4	5.0	4	41 ^	4	1.0	4	65	4	5.0	4	1.0	4	0.00	4
	Nov 2022	0.50	4	374 ^	4	69	4	0.10	4	0.63	4	5.0	4	0.50	4	2.4	4	5.0	4	33 47 *	4 10	1.0	4	66	4	0.50	4	0.50	4	0.92	4
	May 2023	0.50	4	371 ^	4	70	4	0.10	4	1.0	4	5.0	4	0.50	4	2.4	4	5.0	4	29 39 45 #	4 8 11	1.0	4	61	4	0.50	4	0.50	4	0.86	4
	Nov 2023	0.50	4	321 ^	4	56	4	2.0	4	1.0	4	5.0	4	0.50	4	2.6	4	5.0	4	31 35	4 7	1.0	4	32	4	0.50	4	1.0	4	0.86	4
	May 2024	0.50	4	282 ^	4	56	4	0.10	4	1.0	4	5.0	4	0.50	4	2.6	4	5.0	4	29	4	1.0	4	46 63	4 8	0.23	4	0.50	4	0.77	4
	Nov 2024	0.50	4	257 ^	4	35	4	0.10	4	1.0	4	5.0	4	0.50	4	2.4	4	5.0	4	27 36	4 10	1.0	4	67 68	4 8	0.23	4	0.50	4	0.77	4
	May 2025	0.50	4	252 ^	4	34	4	0.10	4	1.0	4	5.0	4	0.50	4	1.9 TREND 1.9 MED	4 4	5.0	4	27 38	4 8	0.10	4	92 72	4 8	0.23	4	0.50	4	0.68	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE

		Phase II Parameters																											
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-10D	Sep 2018	3.0	1	331 ^	1	23	1	2.0	1	1.0	1	5.0	1	2.0	1	2.1	1	5.0	1	58 ^	1	1.0	1	139 ^	1	5.0	1	1.0	1	1.1	1
	May 2019	3.0	2	295 ^	2	26	2	2.0	2	1.0	2	5.0	2	2.0	2	2.1	2	5.0	2	57 ^	2	1.0	2	97	2	5.0	2	1.0	2	1.0	2
	Nov 2019	3.0	3	267 ^	3	28	3	2.0	3	1.0	3	5.0	3	2.0	3	2.3	3	5.0	3	60 ^	3	1.0	3	73	3	5.0	3	1.0	3	0.94	3
	May 2020	3.0	4	263 ^	4	27	4	2.0	4	1.0	4	5.0	4	2.0	4	2.3	4	5.0	4	59 ^	4	1.0	4	60	4	5.0	4	1.0	4	0.74	4
	Nov 2020	3.0	4	254 ^	4	28	4	2.0	4	1.0	4	5.0	4	2.0	4	2.3	4	5.0	4	53 ^	4	1.0	4	70	4	5.0	4	1.0	4	0.78	4
	May 2021	3.0	4	252 ^	4	26	4	2.0	4	1.0	4	5.0	4	2.0	4	2.3	4	5.0	4	49 ^	4	1.0	4	71	4	5.0	4	1.0	4	0.67	4
	Nov 2021	3.0	4	186 ^	4	27	4	2.0	4	1.0	4	5.0	4	2.5	4	2.1	4	5.0	4	48 ^	4	1.0	4	74 81	4 8	5.0	4	1.0	4	0.63	4
	May 2022	3.0	4	136 ^	4	27	4	2.0	4	1.0	4	5.0	4	2.5	4	1.8	4	5.0	4	48 ^	4	1.0	4	80 78	4 8	5.0	4	1.0	4	0.75	4
	Nov 2022	0.50	4	125 ^	4	25	4	2.0	4	1.0	4	5.0	4	0.50	4	1.8	4	5.0	4	44 ^	4	1.0	4	80	4	0.50	4	0.50	4	0.97	4
	May 2023	0.50	4	118 ^	4	23	4	0.10	4	1.0	4	5.0	4	0.50	4	1.8	4	5.0	4	39 42 ^	4 5	1.0	4	73	4	0.50	4	0.50	4	1.1	4
	Nov 2023	0.50	4	90 ^	4	24	4	2.0	4	1.0	4	5.0	4	0.50	4	1.8	4	5.0	4	38 44 ^	4 6	1.0	4	66	4	0.50	4	1.0	4	1.1	4
	May 2024	0.50	4	79 ^	4	20	4	0.10	4	1.0	4	5.0	4	0.50	4	1.7	4	5.0	4	39 48 *	4 8	1.0	4	55	4	0.50	4	0.50	4	0.94	4
	Nov 2024	0.50	4	82 ^	4	24	4	0.10	4	1.0	4	5.0	4	0.50	4	1.5 TREND 1.5 MED	4 4	5.0	4	41 ^ TREND 42 ^ MED	4 4	1.0	4	55 TREND 54 MED	4 4	0.50	4	0.50	4	1.1	4
	May 2025	0.50	4	82 ^	4	27	4	0.10	4	1.0	4	5.0	4	0.50	4	1.4	4	5.0	4	52 ^	4	0.10	4	55	4	0.50	4	0.50	4	1.0	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

**95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE**

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total			Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10			2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L		N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-11D	Sep 2018	3.0	1	13	^	1	32	1	2.0	1	1.0	1	5.0	1	2.0	1	0.33	1	5.0	1	111	^	1	1.0	1	5.0	1	5.0	1	1.0	1	0.91	1
	May 2019	3.0	2	13	^	2	31	2	2.0	2	1.0	2	5.0	2	2.0	2	0.33	2	5.0	2	122	^	2	1.0	2	5.0	2	5.0	2	1.0	2	0.89	2
	Nov 2019	3.0	3	14	^	3	31	3	2.0	3	1.0	3	5.0	3	2.0	3	0.33	3	5.0	3	123	^	3	1.0	3	5.0	3	5.0	3	1.0	3	0.83	3
	May 2020	3.0	4	14	^	4	28	4	2.0	4	1.0	4	5.0	4	2.0	4	0.31	4	5.0	4	122	^	4	1.0	4	5.0	4	5.0	4	1.0	4	0.78	4
	Nov 2020	3.0	4	14	^	4	27	4	2.0	4	1.0	4	5.0	4	2.0	4	0.37	4	5.0	4	125	^	4	1.0	4	5.0	4	5.0	4	1.0	4	0.83	4
	May 2021	3.0	4	15	^	4	26	4	2.0	4	1.0	4	5.0	4	2.0	4	0.27	4	5.0	4	129	^	4	1.0	4	5.0	4	5.0	4	1.0	4	0.68	4
	Nov 2021	3.0	4	14	^	4	23	4	2.0	4	1.0	4	5.0	4	2.5	4	0.26	4	5.0	4	134	^	4	1.0	4	5.0	4	5.0	4	1.0	4	0.72	4
	May 2022	3.0	4	14	^	4	23	4	2.0	4	1.0	4	5.0	4	2.5	4	0.24	4	5.0	4	135	^	4	1.0	4	5.0	4	5.0	4	1.0	4	0.66	4
	Nov 2022	0.50	4	15	^	4	23	4	2.0	4	1.0	4	5.0	4	0.50	4	0.25	4	5.0	4	138	^	4	1.0	4	5.0	4	2.8	4	1.0	4	0.37	4
	May 2023	0.50	4	14	^	4	21	4	0.10	4	1.0	4	5.0	4	0.50	4	0.29	4	5.0	4	131	^	4	1.0	4	5.0	4	0.50	4	0.50	4	0.53	4
	Nov 2023	0.50	4	15	^	4	21	4	2.0	4	1.0	4	5.0	4	0.50	4	0.29	4	5.0	4	130	^	4	1.0	4	5.0	4	0.50	4	1.0	4	0.54	4
	May 2024	0.50	4	14	^	4	21	4	0.10	4	1.0	4	5.0	4	0.50	4	0.29	4	5.0	4	126	^	4	1.0	4	5.0	4	0.50	4	0.50	4	0.54	4
	Nov 2024	0.50	4	15	^	4	21	4	0.10	4	1.0	4	5.0	4	0.50	4	0.28	4	5.0	4	126	^	4	1.0	4	5.0	4	0.50	4	0.50	4	1.00	4
	May 2025	0.50	4	15 TREND	^	4	23	4	0.10	4	1.0	4	5.0	4	0.50	4	0.30	4	5.0	4	126	^	4	0.10	4	5.0	4	0.50	4	0.50	4	0.99	4
				15 MED	^	4																										

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

**95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE**

		Phase II Parameters																											
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-12D	Sep 2018	3.0	1	194 ^	1	24	1	2.0	1	1.0	1	5.0	1	2.0	1	0.38	1	5.0	1	113 ^	1	1.0	1	217 ^	1	5.0	1	1.0	1	0.96	1
	May 2019	3.0	2	203 ^	2	24	2	2.0	2	1.0	2	5.0	2	2.0	2	0.52	2	5.0	2	101 ^	2	1.0	2	221 ^	2	5.0	2	1.0	2	0.67	2
	Nov 2019	3.0	3	208 ^	3	24	3	2.0	3	1.0	3	5.0	3	2.0	3	0.96	3	5.0	3	101 ^	3	1.0	3	215 ^	3	5.0	3	1.0	3	0.79	3
	May 2020	3.0	4	194 ^	4	24	4	2.0	4	1.0	4	5.0	4	2.0	4	0.96	4	5.0	4	101 ^	4	1.0	4	214 ^	4	5.0	4	1.0	4	0.72	4
	Nov 2020	3.0	4	147 ^	4	25	4	2.0	4	1.0	4	5.0	4	2.0	4	0.98	4	5.0	4	102 ^	4	1.0	4	203 ^	4	5.0	4	1.0	4	0.73	4
	May 2021	3.0	4	215 ^	4	27	4	2.0	4	1.0	4	5.0	4	2.0	4	0.98	4	5.0	4	75 ^	4	1.0	4	176 ^	4	5.0	4	1.0	4	0.73	4
	Nov 2021	3.0	4	309 ^	4	27	4	2.0	4	1.0	4	5.0	4	2.5	4	0.98	4	5.0	4	74 ^	4	0.73	4	164 ^	4	5.0	4	1.0	4	0.76	4
	May 2022	3.0	4	385 ^	4	26	4	2.0	4	1.0	4	5.0	4	2.5	4	0.91	4	5.0	4	66 ^	4	0.73	4	154 ^	4	5.0	4	1.0	4	0.75	4
	Nov 2022	0.50	4	356 ^	4	25	4	2.0	4	1.0	4	5.0	4	0.50	4	1.2	4	5.0	4	66 ^	4	0.73	4	156 ^	4	2.8	4	1.0	4	0.73	4
	May 2023	0.50	4	333 ^	4	24	4	0.10	4	1.0	4	5.0	4	0.50	4	1.2	4	5.0	4	60 ^	4	0.73	4	145 ^	4	0.50	4	0.50	4	0.87	4
	Nov 2023	0.50	4	294 ^	4	24	4	2.0	4	1.0	4	5.0	4	0.50	4	1.3	4	5.0	4	51 ^	4	0.73	4	118 ^	4	0.50	4	1.0	4	0.82	4
	May 2024	0.50	4	150 ^	4	24	4	0.10	4	1.0	4	5.0	4	0.50	4	1.2	4	5.0	4	49 ^	4	1.0	4	77 / 107 ^	4 / 6	0.50	4	0.50	4	0.68	4
	Nov 2024	0.50	4	68 TREND ^ / 62 MED ^	4 / 4	27	4	0.10	4	1.0	4	5.0	4	0.23	4	1.1	4	5.0	4	48 ^	4	1.0	4	62 / 89	4 / 6	0.50	4	0.50	4	0.16	4
	May 2025	0.50	4	34 TREND ^ / <0[1] MED	4 / 4	26	4	0.10	4	1.0	4	5.0	4	0.23	4	1.0	4	5.0	4	48 ^	4	1.0	4	66 / 79	4 / 6	0.50	4	0.50	4	0.55	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1B

**95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
INTERMEDIATE ZONE**

		Phase II Parameters																											
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L		ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-13D	Sep 2018	3.0	1	217	^	20	1	2.0	1	1.0	1	5.0	1	2.0	1	0.41	1	5.0	1	97	^	1.0	1	614	^	5.0	1	1.0	1	1.1	1
	May 2019	3.0	2	209	^	21	2	2.0	2	1.0	2	5.0	2	2.0	2	0.42	2	5.0	2	97	^	1.0	2	666	^	5.0	2	1.0	2	1.4	2
	Nov 2019	3.0	3	207	^	20	3	2.0	3	1.0	3	5.0	3	2.0	3	0.45	3	5.0	3	87	^	1.0	3	813	^	5.0	3	1.0	3	1.0	3
	May 2020	3.0	4	211	^	19	4	2.0	4	1.0	4	5.0	4	2.0	4	0.45	4	5.0	4	87	^	1.0	4	799	^	5.0	4	1.0	4	0.85	4
	Nov 2020	3.0	4	216	^	24	4	2.0	4	1.0	4	5.0	4	2.0	4	0.47	4	5.0	4	78	^	1.0	4	800	^	5.0	4	1.0	4	0.87	4
	May 2021	3.0	4	218	^	20	4	2.0	4	1.0	4	5.0	4	1.0	4	0.51	4	5.0	4	72	^	1.0	4	779	^	5.0	4	1.0	4	0.84	4
	Nov 2021	3.0	4	224	^	24	4	2.0	4	1.0	4	5.0	4	1.3	4	0.56	4	5.0	4	71	^	1.0	4	624	^	5.0	4	1.0	4	1.0	4
	May 2022	3.0	4	224	^	23	4	2.0	4	1.0	4	5.0	4	1.3	4	0.53	4	5.0	4	72	^	1.0	4	533	^	5.0	4	1.0	4	1.4	4
	Nov 2022	0.50	4	229	^	23	4	2.0	4	1.0	4	5.0	4	1.3	4	0.52	4	5.0	4	72	^	1.0	4	477	^	2.8	4	1.0	4	1.3	4
	May 2023	0.50	4	227	^	30	4	0.10	4	1.0	4	5.0	4	0.50	4	0.52	4	5.0	4	70	^	1.0	4	425	^	0.50	4	0.50	4	1.2	4
	Nov 2023	0.50	4	226	^	29	4	2.0	4	1.0	4	5.0	4	0.50	4	0.56	4	5.0	4	67	^	1.0	4	338	^	0.50	4	1.0	4	1.3	4
	May 2024	0.50	4	223	^	29	4	0.10	4	1.0	4	5.0	4	0.50	4	0.56	4	5.0	4	67	^	1.0	4	286	^	0.50	4	0.50	4	0.96	4
	Nov 2024	0.50	4	219	^	29	4	0.10	4	1.0	4	5.0	4	0.50	4	0.52	4	5.0	4	66	^	1.0	4	286	^	0.50	4	0.50	4	0.96	4
	Nov 2024	0.50	4	219	^	29	4	0.10	4	1.0	4	5.0	4	0.50	4	0.52	4	5.0	4	66	^	1.0	4	259 TREND	^	0.50	4	0.50	4	1.0	4
																								249 MED	^						
	May 2025	0.50	4	221	^	29	4	0.10	4	1.0	4	5.0	4	0.50	4	0.48 TREND	4	5.0	4	66	^	0.10	4	256 TREND	^	0.50	4	0.50	4	0.94	4
																0.47 MED	4							248 MED	^						

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.
1 = Median LCL calculation resulted in a negative value due to large standard deviation over the four most recent readings; the existence of an exceedance (or lack thereof) can't be verifed for this event using the median calculation.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1C

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
DEEP ZONE

		Phase II Parameters																											
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		6		10		2,000		4		5		100		6		4		15		40		2		100		50		2		5	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-3D	Sep 2018	3.0	1	3.0	1	61	1	2.0	1	1.0	1	5.0	1	2.0	1	0.26	1	5.0	1	7.0	1	1.0	1	14	1	5.0	1	1.0	1	0.81	1
	May 2019	3.0	2	2.0	2	64	2	2.0	2	1.0	2	5.0	2	2.0	2	0.22	2	5.0	2	7.0	2	1.0	2	5.0	2	5.0	2	1.0	2	0.79	2
	Nov 2019	3.0	3	2.0	3	54	3	2.0	3	1.0	3	5.0	3	2.0	3	0.21	3	5.0	3	6.0	3	1.0	3	10	3	5.0	3	1.0	3	0.48	3
	May 2020	3.0	4	3.0	4	46	4	2.0	4	1.0	4	5.0	4	2.0	4	0.21	4	5.0	4	6.0	4	1.0	4	10	4	5.0	4	1.0	4	0.36	4
	Nov 2020	3.0	4	3.0	4	45	4	2.0	4	1.0	4	5.0	4	2.0	4	0.20	4	5.0	4	6.0	4	1.0	4	6.0	4	5.0	4	1.0	4	0.35	4
	May 2021	3.0	4	3.0	4	41	4	2.0	4	1.0	4	5.0	4	2.0	4	0.18	4	5.0	4	10	4	1.0	4	4.0	4	5.0	4	1.0	4	0.00	4
	Nov 2021	3.0	4	2.9	4	39	4	2.0	4	0.63	4	5.0	4	2.5	4	0.15	4	5.0	4	10	4	1.0	4	3.0	4	5.0	4	1.0	4	0.64	4
	May 2022	3.0	4	2.9	4	41	4	2.0	4	0.63	4	5.0	4	2.5	4	0.14	4	5.0	4	10	4	1.0	4	5.0	4	5.0	4	1.0	4	0.76	4
	Nov 2022	0.50	4	3.2	4	42	4	2.0	4	0.63	4	5.0	4	0.50	4	0.12	4	5.0	4	10	4	1.0	4	5.0	4	0.50	4	1.0	4	0.66	4
	May 2023	0.50	4	3.0	4	85	4	0.10	4	1.0	4	5.0	4	0.50	4	0.19	4	5.0	4	10	4	1.0	4	4.8	4	0.50	4	0.50	4	0.57	4
	Nov 2023	0.50	4	2.9	4	86	4	0.10	4	1.0	4	5.0	4	0.50	4	0.16	4	5.0	4	10	4	1.0	4	4.8	4	0.50	4	0.50	4	0.68	4
	May 2024	0.50	4	3.0	4	59	4	0.10	4	1.0	4	5.0	4	0.50	4	0.16	4	5.0	4	10	4	1.0	4	4.7	4	0.50	4	0.50	4	0.70	4
	Nov 2024	0.50	4	2.7	4	48	4	0.10	4	1.0	4	5.0	4	0.50	4	0.17	4	5.0	4	10	4	1.0	4	5.0	4	0.50	4	0.50	4	0.78 TREND 0.68 MED	4 4
	May 2025	0.50	4	2.8	4	47	4	0.10	4	1.0	4	5.0	4	0.50	4	0.16	4	5.0	4	10	4	1.0	4	5.0	4	0.50	4	0.50	4	0.85	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

TABLE 1C

95% LCL COMPARED TO GWPS
MULTI-UNIT ASH POND SYSTEM
DEEP ZONE

		Phase II Parameters																													
		Antimony, Total		Arsenic, Total		Barium, Total		Beryllium, Total		Cadmium, Total		Chromium, Total		Cobalt, Total		Fluoride		Lead, Total		Lithium, Total		Mercury, Total		Molybdenum, Total		Selenium, Total		Thallium, Total		Radium 226/228 Combined	
Groundwater Protection Standard (as of May 2025)		**6**		**10**		**2,000**		**4**		**5**		**100**		**6**		**4**		**15**		**40**		**2**		**100**		**50**		**2**		**5**	
Sample ID	Through Sample Date	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	mg/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	ug/L	N	pCi/L	N
MW-9D	Sep 2018	3.0	1	3.0	1	32	1	2.0	1	1.0	1	5.0	1	2.0	1	0.43	1	5.0	1	41 ^	1	1.0	1	84	1	5.0	1	1.0	1	0.80	1
	May 2019	3.0	2	2.0	2	36	2	2.0	2	1.0	2	5.0	2	2.0	2	0.41	2	5.0	2	38	2	1.0	2	56	2	5.0	2	1.0	2	0.77	2
	Nov 2019	3.0	3	2.0	3	45	3	2.0	3	1.0	3	5.0	3	2.0	3	0.43	3	5.0	3	35	3	1.0	3	42	3	5.0	3	1.0	3	0.81	3
	May 2020	3.0	4	2.0	4	45	4	2.0	4	1.0	4	5.0	4	2.0	4	0.43	4	5.0	4	31	4	1.0	4	42	4	5.0	4	1.0	4	0.82	4
	Nov 2020	3.0	4	2.0	4	44	4	2.0	4	1.0	4	5.0	4	2.0	4	0.42	4	5.0	4	24	4	1.0	4	46	4	5.0	4	1.0	4	0.88	4
	May 2021	3.0	4	3.0	4	46	4	2.0	4	1.0	4	5.0	4	2.0	4	0.40	4	5.0	4	24	4	1.0	4	46	4	5.0	4	1.0	4	0.80	4
	Nov 2021	3.0	4	4.3	4	46	4	2.0	4	1.0	4	5.0	4	2.5	4	0.36	4	5.0	4	22 28	4 8	1.0	4	41	4	5.0	4	1.0	4	0.95	4
	May 2022	3.0	4	2.5 3.3	4 6	47	4	2.0	4	1.0	4	5.0	4	2.5	4	0.36	4	5.0	4	22	4	1.0	4	42	4	5.0	4	1.0	4	0.68	4
	Nov 2022	0.50	4	6.7	4	45	4	0.10	4	1.0	4	5.0	4	0.50	4	0.36	4	5.0	4	12	4	1.0	4	42	4	0.50	4	0.50	4	0.41	4
	May 2023	0.50	4	10 ^	4	45	4	0.10	4	1.0	4	5.0	4	0.50	4	0.38	4	5.0	4	7.7	4	0.10	4	42	4	0.50	4	0.50	4	0.45	4
	Nov 2023	0.50	4	9.6	4	46	4	2.0	4	1.0	4	5.0	4	0.50	4	0.43	4	5.0	4	7.5	4	1.0	4	41	4	0.50	4	1.0	4	0.47	4
	May 2024	0.50	4	0.00 3.5	4 6	45	4	0.10	4	1.0	4	5.0	4	0.50	4	0.39	4	5.0	4	5.2	4	1.0	4	46	4	0.50	4	0.50	4	0.60	4
	Nov 2024	0.50	4	19 ^	4	34	4	0.10	4	1.0	4	5.0	4	0.50	4	0.47 TREND 0.48 MED	4 4	5.0	4	10	4	1.0	4	49	4	0.50	4	0.50	4	1.1	4
	May 2025	0.50	4	61 ^	4	37	4	0.10	4	1.0	4	5.0	4	0.50	4	0.57	4	5.0	4	20	4	0.10	4	60	4	0.50	4	0.50	4	1.2	4

Abbreviations & Notes

GWPS = Groundwater Protection Standard
LCL = Lower Confidence Limit
N = Number of individual sample results included in analysis
pCi/L = Picocuries per liter
RWS = Restricted Waste Site
µg(mg)/L = micrograms (milligrams) per liter
U.S. EPA = United States Environmental Protection Agency

The following symbol and color denotes screening level exceedances:

^ = Indicates 95% LCL of the mean of the last four measurements exceeds GWPS.
* = Indicates 95% LCL of the mean of the last eight measurements exceeds GWPS.
# = Dataset warranted larger time period evaluation, although it did not specifically trigger a mean/LCL conflict.

The 95% LCL statistic is based on the rolling set of the four most recent individual sample results for a parameter.

LCL calculations utilize 1/2 the median non-detect (ND) reporting limit (RL) from the full date range of non-detect sample results. If RL levels changed over time, the current calculated LCL value may be larger than the most recent four ND results.
The software LCL output limits the number of significant digits reported for a calculated LCL. An exceedingly small calculated LCL value (e.g. 0.00001 mg/L) may simply be reported as 0.

Table 1

Confidence Intervals for Comparing the Mean of the Last 10 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Arsenic, Total	ug/L	MW-1S	10	10.680	6.832	0.580	6.720	14.640	10.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Lithium, Total	ug/L	MW-2D	8	48.050	7.448	0.670	43.061	53.039	40.000		**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 14 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Arsenic, Total	ug/L	MW-2S	14	13.264	5.713	0.473	10.561	15.968	10.000		**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Antimony, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-11S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-12S	4	2.425	0.435	1.176	1.913	2.937	6.000		
Antimony, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-2D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-2S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-3S	4	5.300	0.455	1.176	4.765	5.835	6.000		
Antimony, Total	ug/L	MW-4S	0								*
Antimony, Total	ug/L	MW-4SR	1								*
Antimony, Total	ug/L	MW-5S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-6S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-7S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-8S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-9S	0								*
Antimony, Total	ug/L	MW-9SR	1								*
Arsenic, Total	ug/L	MW-10S	4	322.250	55.181	1.176	257.341	387.159	10.000		**
Arsenic, Total	ug/L	MW-11S	4	3.250	1.382	1.176	1.624	4.876	10.000		
Arsenic, Total	ug/L	MW-12S	4	50.250	9.747	1.176	38.785	61.715	10.000		**
Arsenic, Total	ug/L	MW-13S	4	307.750	18.839	1.176	285.590	329.910	10.000		**
Arsenic, Total	ug/L	MW-14D	4	125.500	10.472	1.176	113.182	137.818	10.000		**
Arsenic, Total	ug/L	MW-1S	4	6.475	1.323	1.176	4.919	8.031	10.000		
Arsenic, Total	ug/L	MW-2D	4	8.450	3.635	1.176	4.174	12.726	10.000		
Arsenic, Total	ug/L	MW-2S	4	10.175	2.581	1.176	7.139	13.211	10.000		
Arsenic, Total	ug/L	MW-3S	4	1.300	1.131	1.176	0.000	2.631	10.000		
Arsenic, Total	ug/L	MW-4S	0								*
Arsenic, Total	ug/L	MW-4SR	1								*
Arsenic, Total	ug/L	MW-5S	4	0.500	0.000	1.176	0.500	0.500	10.000		
Arsenic, Total	ug/L	MW-6S	4	13.575	2.996	1.176	10.051	17.099	10.000		**
Arsenic, Total	ug/L	MW-7S	4	368.000	40.216	1.176	320.694	415.306	10.000		**
Arsenic, Total	ug/L	MW-8S	4	0.500	0.000	1.176	0.500	0.500	10.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Arsenic, Total	ug/L	MW-9S	0								*
Arsenic, Total	ug/L	MW-9SR	1								*
Barium, Total	ug/L	MW-10S	4	67.525	27.470	1.176	35.213	99.837	2000.000		
Barium, Total	ug/L	MW-11S	4	88.600	23.047	1.176	61.490	115.710	2000.000		
Barium, Total	ug/L	MW-12S	4	32.250	1.779	1.176	30.158	34.342	2000.000		
Barium, Total	ug/L	MW-13S	4	46.850	9.122	1.176	36.120	57.580	2000.000		
Barium, Total	ug/L	MW-14D	4	45.950	10.389	1.176	33.729	58.171	2000.000	dec	
Barium, Total	ug/L	MW-1S	4	73.475	15.573	1.176	55.157	91.793	2000.000		
Barium, Total	ug/L	MW-2D	4	42.725	5.654	1.176	36.074	49.376	2000.000		
Barium, Total	ug/L	MW-2S	4	88.325	29.501	1.176	53.623	123.027	2000.000		
Barium, Total	ug/L	MW-3S	4	52.775	5.512	1.176	46.291	59.259	2000.000		
Barium, Total	ug/L	MW-4S	0								*
Barium, Total	ug/L	MW-4SR	1								*
Barium, Total	ug/L	MW-5S	4	36.975	9.867	1.176	25.369	48.581	2000.000	inc	
Barium, Total	ug/L	MW-6S	4	96.625	11.818	1.176	82.724	110.526	2000.000		
Barium, Total	ug/L	MW-7S	4	39.975	2.980	1.176	36.469	43.481	2000.000		
Barium, Total	ug/L	MW-8S	4	33.475	6.346	1.176	26.010	40.940	2000.000		
Barium, Total	ug/L	MW-9S	0								*
Barium, Total	ug/L	MW-9SR	1								*
Cobalt, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-11S	4	0.875	0.750	1.176	0.000	1.757	6.000		
Cobalt, Total	ug/L	MW-12S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-2D	4	0.675	0.350	1.176	0.263	1.087	6.000		
Cobalt, Total	ug/L	MW-2S	4	0.650	0.300	1.176	0.297	1.003	6.000		
Cobalt, Total	ug/L	MW-3S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-4S	0								*
Cobalt, Total	ug/L	MW-4SR	1								*
Cobalt, Total	ug/L	MW-5S	4	0.825	0.377	1.176	0.381	1.269	6.000		
Cobalt, Total	ug/L	MW-6S	4	2.375	0.427	1.176	1.872	2.878	6.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Cobalt, Total	ug/L	MW-7S	4	0.700	0.400	1.176	0.229	1.171	6.000		
Cobalt, Total	ug/L	MW-8S	4	0.650	0.300	1.176	0.297	1.003	6.000		
Cobalt, Total	ug/L	MW-9S	0								*
Cobalt, Total	ug/L	MW-9SR	1								*
Fluoride	mg/L	MW-10S	4	2.725	0.287	1.176	2.387	3.063	4.000		
Fluoride	mg/L	MW-11S	4	1.575	0.096	1.176	1.462	1.688	4.000		
Fluoride	mg/L	MW-12S	4	1.875	0.150	1.176	1.699	2.051	4.000		
Fluoride	mg/L	MW-13S	4	0.800	0.075	1.176	0.712	0.888	4.000	dec	
Fluoride	mg/L	MW-14D	4	0.232	0.030	1.176	0.197	0.268	4.000		
Fluoride	mg/L	MW-1S	4	0.355	0.074	1.176	0.268	0.442	4.000		
Fluoride	mg/L	MW-2D	4	0.823	0.189	1.176	0.600	1.045	4.000		
Fluoride	mg/L	MW-2S	4	0.423	0.184	1.176	0.206	0.639	4.000		
Fluoride	mg/L	MW-3S	4	0.165	0.025	1.176	0.135	0.195	4.000		
Fluoride	mg/L	MW-4S	0								*
Fluoride	mg/L	MW-4SR	1								*
Fluoride	mg/L	MW-5S	4	1.575	0.359	1.176	1.152	1.998	4.000	dec	
Fluoride	mg/L	MW-6S	4	1.500	0.294	1.176	1.154	1.846	4.000		
Fluoride	mg/L	MW-7S	4	0.588	0.036	1.176	0.545	0.630	4.000		
Fluoride	mg/L	MW-8S	4	0.135	0.031	1.176	0.098	0.172	4.000		
Fluoride	mg/L	MW-9S	0								*
Fluoride	mg/L	MW-9SR	1								*
Lithium, Total	ug/L	MW-10S	4	35.725	7.612	1.176	26.771	44.679	40.000		
Lithium, Total	ug/L	MW-11S	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-12S	4	80.775	13.167	1.176	65.287	96.263	40.000	dec	**
Lithium, Total	ug/L	MW-13S	4	58.100	1.726	1.176	56.069	60.131	40.000		**
Lithium, Total	ug/L	MW-14D	4	682.250	195.039	1.176	452.828	911.672	40.000	dec	**
Lithium, Total	ug/L	MW-1S	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-2D	4	45.950	8.132	1.176	36.384	55.516	40.000		
Lithium, Total	ug/L	MW-2S	4	20.275	11.950	1.176	6.218	34.332	40.000		
Lithium, Total	ug/L	MW-3S	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-4S	0								*
Lithium, Total	ug/L	MW-4SR	1								*

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Lithium, Total	ug/L	MW-5S	4	46.325	1.312	1.176	44.781	47.869	40.000		**
Lithium, Total	ug/L	MW-6S	4	51.525	4.062	1.176	46.747	56.303	40.000		**
Lithium, Total	ug/L	MW-7S	4	75.400	7.670	1.176	66.378	84.422	40.000		**
Lithium, Total	ug/L	MW-8S	4	108.725	24.730	1.176	79.635	137.815	40.000		**
Lithium, Total	ug/L	MW-9S	0								*
Lithium, Total	ug/L	MW-9SR	1								*
Molybdenum, Total	ug/L	MW-10S	4	121.900	46.601	1.176	67.084	176.716	100.000		
Molybdenum, Total	ug/L	MW-11S	4	73.700	4.917	1.176	67.916	79.484	100.000		
Molybdenum, Total	ug/L	MW-12S	4	164.000	39.564	1.176	117.461	210.539	100.000	dec	**
Molybdenum, Total	ug/L	MW-13S	4	363.750	83.060	1.176	266.048	461.452	100.000	dec	**
Molybdenum, Total	ug/L	MW-14D	4	200.250	25.617	1.176	170.117	230.383	100.000		**
Molybdenum, Total	ug/L	MW-1S	4	22.100	3.067	1.176	18.492	25.708	100.000		
Molybdenum, Total	ug/L	MW-2D	4	65.350	1.977	1.176	63.024	67.676	100.000		
Molybdenum, Total	ug/L	MW-2S	4	36.650	17.049	1.176	16.596	56.704	100.000		
Molybdenum, Total	ug/L	MW-3S	4	26.175	2.187	1.176	23.603	28.747	100.000		
Molybdenum, Total	ug/L	MW-4S	0								*
Molybdenum, Total	ug/L	MW-4SR	1								*
Molybdenum, Total	ug/L	MW-5S	4	105.675	40.846	1.176	57.629	153.721	100.000	dec	
Molybdenum, Total	ug/L	MW-6S	4	208.500	17.842	1.176	187.513	229.487	100.000		**
Molybdenum, Total	ug/L	MW-7S	4	433.250	65.179	1.176	356.581	509.919	100.000	dec	**
Molybdenum, Total	ug/L	MW-8S	4	218.750	50.029	1.176	159.901	277.599	100.000	dec	**
Molybdenum, Total	ug/L	MW-9S	0								*
Molybdenum, Total	ug/L	MW-9SR	1								*
Selenium, Total	ug/L	MW-10S	4	0.700	0.400	1.176	0.229	1.171	50.000		
Selenium, Total	ug/L	MW-11S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-12S	4	9.500	12.189	1.176	0.000	23.837	50.000		
Selenium, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-2D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-2S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-3S	4	14.500	19.071	1.176	0.000	36.933	50.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Selenium, Total	ug/L	MW-4S	0								*
Selenium, Total	ug/L	MW-4SR	1								*
Selenium, Total	ug/L	MW-5S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-6S	4	3.825	4.097	1.176	0.000	8.644	50.000		
Selenium, Total	ug/L	MW-7S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-8S	4	1.175	1.350	1.176	0.000	2.763	50.000		
Selenium, Total	ug/L	MW-9S	0								*
Selenium, Total	ug/L	MW-9SR	1								*
Total Radium	pCi/L	MW-10S	4	0.960	0.100	1.176	0.842	1.078	5.000		
Total Radium	pCi/L	MW-11S	4	0.959	0.142	1.176	0.792	1.126	5.000		
Total Radium	pCi/L	MW-12S	3								*
Total Radium	pCi/L	MW-13S	4	1.325	0.742	1.176	0.452	2.198	5.000		
Total Radium	pCi/L	MW-14D	4	1.490	0.402	1.176	1.017	1.963	5.000		
Total Radium	pCi/L	MW-1S	4	1.985	0.806	1.176	1.037	2.933	5.000	inc	
Total Radium	pCi/L	MW-2D	4	1.822	0.729	1.176	0.964	2.681	5.000		
Total Radium	pCi/L	MW-2S	4	1.621	0.593	1.176	0.923	2.319	5.000		
Total Radium	pCi/L	MW-3S	4	0.912	0.193	1.176	0.685	1.138	5.000		
Total Radium	pCi/L	MW-4S	0								*
Total Radium	pCi/L	MW-4SR	1								*
Total Radium	pCi/L	MW-5S	4	1.385	0.545	1.176	0.744	2.026	5.000		
Total Radium	pCi/L	MW-6S	4	0.936	0.124	1.176	0.791	1.081	5.000	inc	
Total Radium	pCi/L	MW-7S	4	1.811	1.279	1.176	0.306	3.316	5.000	inc	
Total Radium	pCi/L	MW-8S	4	0.927	0.135	1.176	0.769	1.086	5.000		
Total Radium	pCi/L	MW-9S	0								*
Total Radium	pCi/L	MW-9SR	1								*

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Molybdenum, Total	ug/L	MW-10S	8	95.700	41.468	0.670	67.925	123.475	100.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 10 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Lithium, Total	ug/L	MW-10S	10	44.100	13.797	0.580	36.104	52.096	40.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 7 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Molybdenum, Total	ug/L	MW-12D	6	121.567	40.007	0.822	88.666	154.468	100.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 9 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Molybdenum, Total	ug/L	MW-12D	9	142.044	44.706	0.620	114.334	169.755	100.000	dec	**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Antimony, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-12D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	6.000		
Arsenic, Total	ug/L	MW-10D	4	97.675	13.433	1.176	81.873	113.477	10.000		**
Arsenic, Total	ug/L	MW-10S	4	322.250	55.181	1.176	257.341	387.159	10.000		**
Arsenic, Total	ug/L	MW-11D	4	15.250	0.436	1.176	14.737	15.763	10.000		**
Arsenic, Total	ug/L	MW-12D	4	210.050	121.149	1.176	67.544	352.556	10.000	dec	**
Arsenic, Total	ug/L	MW-13D	4	235.250	13.793	1.176	219.025	251.475	10.000		**
Arsenic, Total	ug/L	MW-1D	4	4.325	1.276	1.176	2.824	5.826	10.000		
Arsenic, Total	ug/L	MW-7D	4	475.000	35.384	1.176	433.379	516.621	10.000		**
Arsenic, Total	ug/L	MW-9I	4	90.325	58.592	1.176	21.403	159.247	10.000	inc	**
Barium, Total	ug/L	MW-10D	4	34.775	9.380	1.176	23.742	45.808	2000.000		
Barium, Total	ug/L	MW-10S	4	67.525	27.470	1.176	35.213	99.837	2000.000		
Barium, Total	ug/L	MW-11D	4	22.800	1.568	1.176	20.955	24.645	2000.000		
Barium, Total	ug/L	MW-12D	4	36.775	8.687	1.176	26.556	46.994	2000.000		
Barium, Total	ug/L	MW-13D	4	32.225	2.613	1.176	29.151	35.299	2000.000		
Barium, Total	ug/L	MW-1D	4	90.850	10.666	1.176	78.304	103.396	2000.000		
Barium, Total	ug/L	MW-7D	4	42.900	3.230	1.176	39.101	46.699	2000.000		
Barium, Total	ug/L	MW-9I	4	60.750	17.330	1.176	40.365	81.135	2000.000		
Cobalt, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-12D	4	0.700	0.400	1.176	0.229	1.171	6.000		
Cobalt, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	6.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Fluoride	mg/L	MW-10D	4	1.850	0.289	1.176	1.510	2.190	4.000	dec	
Fluoride	mg/L	MW-10S	4	2.725	0.287	1.176	2.387	3.063	4.000		
Fluoride	mg/L	MW-11D	4	0.385	0.088	1.176	0.281	0.489	4.000		
Fluoride	mg/L	MW-12D	4	1.300	0.183	1.176	1.085	1.515	4.000		
Fluoride	mg/L	MW-13D	4	0.573	0.045	1.176	0.520	0.625	4.000		
Fluoride	mg/L	MW-1D	4	0.397	0.029	1.176	0.364	0.431	4.000		
Fluoride	mg/L	MW-7D	4	0.467	0.019	1.176	0.445	0.490	4.000		
Fluoride	mg/L	MW-9I	4	0.748	0.094	1.176	0.637	0.858	4.000		
Lithium, Total	ug/L	MW-10D	4	54.425	11.184	1.176	41.269	67.581	40.000	inc	**
Lithium, Total	ug/L	MW-10S	4	35.725	7.612	1.176	26.771	44.679	40.000		
Lithium, Total	ug/L	MW-11D	4	131.500	4.655	1.176	126.025	136.975	40.000		**
Lithium, Total	ug/L	MW-12D	4	54.900	6.211	1.176	47.594	62.206	40.000		**
Lithium, Total	ug/L	MW-13D	4	69.450	2.862	1.176	66.084	72.816	40.000		**
Lithium, Total	ug/L	MW-1D	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-7D	4	88.200	8.870	1.176	77.767	98.633	40.000		**
Lithium, Total	ug/L	MW-9I	4	32.600	19.851	1.176	9.250	55.950	40.000		
Molybdenum, Total	ug/L	MW-10D	4	65.050	8.254	1.176	55.340	74.760	100.000	dec	
Molybdenum, Total	ug/L	MW-10S	4	121.900	46.601	1.176	67.084	176.716	100.000		
Molybdenum, Total	ug/L	MW-11D	4	5.000	0.000	1.176	5.000	5.000	100.000		
Molybdenum, Total	ug/L	MW-12D	4	102.350	34.154	1.176	62.175	142.525	100.000		
Molybdenum, Total	ug/L	MW-13D	4	331.500	61.609	1.176	259.030	403.970	100.000	dec	**
Molybdenum, Total	ug/L	MW-1D	4	21.275	5.110	1.176	15.265	27.285	100.000		
Molybdenum, Total	ug/L	MW-7D	4	468.750	58.426	1.176	400.024	537.476	100.000	dec	**
Molybdenum, Total	ug/L	MW-9I	4	114.150	18.242	1.176	92.693	135.607	100.000		
Selenium, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-10S	4	0.700	0.400	1.176	0.229	1.171	50.000		
Selenium, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-12D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	50.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Total Radium	pCi/L	MW-10D	4	1.870	0.628	1.176	1.131	2.609	5.000	inc	
Total Radium	pCi/L	MW-10S	4	0.960	0.100	1.176	0.842	1.078	5.000		
Total Radium	pCi/L	MW-11D	4	1.110	0.098	1.176	0.995	1.225	5.000		
Total Radium	pCi/L	MW-12D	4	2.005	1.569	1.176	0.159	3.850	5.000		
Total Radium	pCi/L	MW-13D	4	1.434	0.341	1.176	1.032	1.836	5.000		
Total Radium	pCi/L	MW-1D	4	1.387	0.393	1.176	0.925	1.848	5.000		
Total Radium	pCi/L	MW-7D	4	1.494	0.483	1.176	0.925	2.062	5.000		
Total Radium	pCi/L	MW-9I	4	1.176	0.138	1.176	1.013	1.339	5.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 7 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Molybdenum, Total	ug/L	MW-12D	7	129.343	41.918	0.734	98.571	160.115	100.000	dec

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Antimony, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Arsenic, Total	ug/L	MW-3D	4	3.350	0.574	1.176	2.674	4.026	10.000		
Arsenic, Total	ug/L	MW-9D	4	83.850	54.791	1.176	19.400	148.300	10.000		**
Barium, Total	ug/L	MW-3D	4	78.275	25.666	1.176	48.085	108.465	2000.000		
Barium, Total	ug/L	MW-9D	4	52.750	15.523	1.176	34.490	71.010	2000.000		
Cobalt, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Fluoride	mg/L	MW-3D	4	0.213	0.039	1.176	0.167	0.258	4.000		
Fluoride	mg/L	MW-9D	4	0.665	0.166	1.176	0.469	0.861	4.000	inc	
Lithium, Total	ug/L	MW-3D	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-9D	4	23.200	11.053	1.176	10.199	36.201	40.000		
Molybdenum, Total	ug/L	MW-3D	4	5.000	0.000	1.176	5.000	5.000	100.000		
Molybdenum, Total	ug/L	MW-9D	4	71.875	19.261	1.176	49.218	94.532	100.000		
Selenium, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Total Radium	pCi/L	MW-3D	4	1.145	0.314	1.176	0.775	1.515	5.000	dec	
Total Radium	pCi/L	MW-9D	4	1.523	0.356	1.176	1.103	1.942	5.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Molybdenum, Total	ug/L	MW-10S	8	98.600	40.386	0.670	71.549	125.651	100.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Lithium, Total	ug/L	MW-2D	8	48.975	6.777	0.670	44.436	53.514	40.000		**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 14 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Arsenic, Total	ug/L	MW-2S	14	12.879	5.519	0.473	10.267	15.490	10.000		**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 14 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Arsenic, Total	ug/L	MW-6S	14	14.800	8.259	0.473	10.892	18.708	10.000		**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 11 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Lithium, Total	ug/L	MW-10S	11	45.082	13.488	0.546	37.711	52.452	40.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Arsenic, Total	ug/L	MW-6S	8	11.475	3.782	0.670	8.942	14.008	10.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Antimony, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-11S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-12S	4	2.425	0.435	1.176	1.913	2.937	6.000		
Antimony, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-2D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-2S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-3S	4	5.175	0.369	1.176	4.741	5.609	6.000		
Antimony, Total	ug/L	MW-4SR	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-5S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-6S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-7S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-8S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-9SR	1								*
Arsenic, Total	ug/L	MW-10S	4	285.000	27.797	1.176	252.303	317.697	10.000		**
Arsenic, Total	ug/L	MW-11S	4	3.950	1.741	1.176	1.902	5.998	10.000		
Arsenic, Total	ug/L	MW-12S	4	50.250	9.747	1.176	38.785	61.715	10.000		**
Arsenic, Total	ug/L	MW-13S	4	301.000	13.140	1.176	285.543	316.457	10.000		**
Arsenic, Total	ug/L	MW-14D	4	129.000	11.633	1.176	115.316	142.684	10.000		**
Arsenic, Total	ug/L	MW-1S	4	5.550	0.957	1.176	4.424	6.676	10.000		
Arsenic, Total	ug/L	MW-2D	4	8.500	3.560	1.176	4.312	12.688	10.000		
Arsenic, Total	ug/L	MW-2S	4	11.450	2.330	1.176	8.709	14.191	10.000		
Arsenic, Total	ug/L	MW-3S	4	1.325	1.132	1.176	0.000	2.657	10.000		
Arsenic, Total	ug/L	MW-4SR	4	0.950	0.900	1.176	0.000	2.009	10.000		
Arsenic, Total	ug/L	MW-5S	4	0.725	0.450	1.176	0.196	1.254	10.000		
Arsenic, Total	ug/L	MW-6S	4	12.600	4.781	1.176	6.977	18.223	10.000	dec	
Arsenic, Total	ug/L	MW-7S	4	363.250	38.630	1.176	317.810	408.690	10.000		**
Arsenic, Total	ug/L	MW-8S	4	0.500	0.000	1.176	0.500	0.500	10.000		
Arsenic, Total	ug/L	MW-9SR	1								*
Barium, Total	ug/L	MW-10S	4	63.025	24.825	1.176	33.824	92.226	2000.000		
Barium, Total	ug/L	MW-11S	4	95.025	21.243	1.176	70.037	120.013	2000.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Barium, Total	ug/L	MW-12S	4	32.250	1.779	1.176	30.158	34.342	2000.000		
Barium, Total	ug/L	MW-13S	4	50.400	4.631	1.176	44.953	55.847	2000.000		
Barium, Total	ug/L	MW-14D	4	41.125	5.977	1.176	34.095	48.155	2000.000		
Barium, Total	ug/L	MW-1S	4	72.100	16.625	1.176	52.544	91.656	2000.000		
Barium, Total	ug/L	MW-2D	4	46.925	8.486	1.176	36.943	56.907	2000.000		
Barium, Total	ug/L	MW-2S	4	86.400	29.450	1.176	51.758	121.042	2000.000		
Barium, Total	ug/L	MW-3S	4	49.725	11.259	1.176	36.481	62.969	2000.000		
Barium, Total	ug/L	MW-4SR	4	62.950	10.559	1.176	50.529	75.371	2000.000		
Barium, Total	ug/L	MW-5S	4	36.625	10.472	1.176	24.307	48.943	2000.000		
Barium, Total	ug/L	MW-6S	4	98.425	11.994	1.176	84.317	112.533	2000.000		
Barium, Total	ug/L	MW-7S	4	40.000	2.974	1.176	36.501	43.499	2000.000		
Barium, Total	ug/L	MW-8S	4	40.775	13.559	1.176	24.826	56.724	2000.000		
Barium, Total	ug/L	MW-9SR	1								*
Cobalt, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-11S	4	0.875	0.750	1.176	0.000	1.757	6.000		
Cobalt, Total	ug/L	MW-12S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-2D	4	0.675	0.350	1.176	0.263	1.087	6.000		
Cobalt, Total	ug/L	MW-2S	4	0.650	0.300	1.176	0.297	1.003	6.000		
Cobalt, Total	ug/L	MW-3S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-4SR	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-5S	4	0.825	0.377	1.176	0.381	1.269	6.000		
Cobalt, Total	ug/L	MW-6S	4	2.475	0.386	1.176	2.021	2.929	6.000		
Cobalt, Total	ug/L	MW-7S	4	0.850	0.412	1.176	0.365	1.335	6.000		
Cobalt, Total	ug/L	MW-8S	4	0.650	0.300	1.176	0.297	1.003	6.000		
Cobalt, Total	ug/L	MW-9SR	1								*
Fluoride	mg/L	MW-10S	4	2.500	0.548	1.176	1.856	3.144	4.000	dec	
Fluoride	mg/L	MW-11S	4	1.525	0.126	1.176	1.377	1.673	4.000		
Fluoride	mg/L	MW-12S	4	1.875	0.150	1.176	1.699	2.051	4.000		
Fluoride	mg/L	MW-13S	4	0.735	0.072	1.176	0.650	0.820	4.000	dec	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Fluoride	mg/L	MW-14D	4	0.222	0.033	1.176	0.184	0.261	4.000		
Fluoride	mg/L	MW-1S	4	0.323	0.025	1.176	0.293	0.352	4.000		
Fluoride	mg/L	MW-2D	4	0.785	0.225	1.176	0.520	1.050	4.000		
Fluoride	mg/L	MW-2S	4	0.530	0.212	1.176	0.280	0.780	4.000		
Fluoride	mg/L	MW-3S	4	0.173	0.037	1.176	0.129	0.216	4.000		
Fluoride	mg/L	MW-4SR	4	0.090	0.027	1.176	0.058	0.122	4.000		
Fluoride	mg/L	MW-5S	4	1.310	0.425	1.176	0.810	1.810	4.000	dec	
Fluoride	mg/L	MW-6S	4	1.450	0.311	1.176	1.084	1.816	4.000		
Fluoride	mg/L	MW-7S	4	0.558	0.048	1.176	0.501	0.614	4.000		
Fluoride	mg/L	MW-8S	4	0.123	0.021	1.176	0.098	0.147	4.000		
Fluoride	mg/L	MW-9SR	1								*
Lithium, Total	ug/L	MW-10S	4	41.025	11.903	1.176	27.023	55.027	40.000		
Lithium, Total	ug/L	MW-11S	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-12S	4	80.775	13.167	1.176	65.287	96.263	40.000	dec	**
Lithium, Total	ug/L	MW-13S	4	57.775	1.773	1.176	55.690	59.860	40.000		**
Lithium, Total	ug/L	MW-14D	4	559.000	86.691	1.176	457.026	660.974	40.000	dec	**
Lithium, Total	ug/L	MW-1S	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-2D	4	45.350	7.806	1.176	36.168	54.532	40.000		
Lithium, Total	ug/L	MW-2S	4	23.025	9.885	1.176	11.398	34.652	40.000		
Lithium, Total	ug/L	MW-3S	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-4SR	4	13.650	7.300	1.176	5.063	22.237	40.000		
Lithium, Total	ug/L	MW-5S	4	48.450	4.368	1.176	43.312	53.588	40.000		**
Lithium, Total	ug/L	MW-6S	4	53.325	4.048	1.176	48.564	58.086	40.000		**
Lithium, Total	ug/L	MW-7S	4	75.100	7.494	1.176	66.285	83.915	40.000		**
Lithium, Total	ug/L	MW-8S	4	96.700	29.876	1.176	61.558	131.842	40.000		**
Lithium, Total	ug/L	MW-9SR	1								*
Molybdenum, Total	ug/L	MW-10S	4	130.600	32.438	1.176	92.443	168.757	100.000		
Molybdenum, Total	ug/L	MW-11S	4	72.050	4.073	1.176	67.259	76.841	100.000		
Molybdenum, Total	ug/L	MW-12S	4	164.000	39.564	1.176	117.461	210.539	100.000	dec	**
Molybdenum, Total	ug/L	MW-13S	4	317.750	33.210	1.176	278.685	356.815	100.000		**
Molybdenum, Total	ug/L	MW-14D	4	184.000	32.094	1.176	146.249	221.751	100.000	dec	**
Molybdenum, Total	ug/L	MW-1S	4	21.250	3.816	1.176	16.761	25.739	100.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Molybdenum, Total	ug/L	MW-2D	4	62.300	6.381	1.176	54.794	69.806	100.000		
Molybdenum, Total	ug/L	MW-2S	4	40.625	12.832	1.176	25.531	55.719	100.000		
Molybdenum, Total	ug/L	MW-3S	4	27.725	4.268	1.176	22.705	32.745	100.000		
Molybdenum, Total	ug/L	MW-4SR	4	3.325	1.935	1.176	1.049	5.601	100.000		
Molybdenum, Total	ug/L	MW-5S	4	74.450	41.365	1.176	25.793	123.107	100.000	dec	
Molybdenum, Total	ug/L	MW-6S	4	202.500	23.459	1.176	174.905	230.095	100.000		**
Molybdenum, Total	ug/L	MW-7S	4	392.000	46.605	1.176	337.179	446.821	100.000	dec	**
Molybdenum, Total	ug/L	MW-8S	4	194.250	46.299	1.176	139.789	248.711	100.000		**
Molybdenum, Total	ug/L	MW-9SR	1								*
Selenium, Total	ug/L	MW-10S	4	0.700	0.400	1.176	0.229	1.171	50.000		
Selenium, Total	ug/L	MW-11S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-12S	4	9.500	12.189	1.176	0.000	23.837	50.000		
Selenium, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-2D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-2S	4	0.825	0.650	1.176	0.060	1.590	50.000		
Selenium, Total	ug/L	MW-3S	4	27.575	24.591	1.176	0.000	56.501	50.000		
Selenium, Total	ug/L	MW-4SR	4	55.875	102.772	1.176	0.000	176.764	50.000		
Selenium, Total	ug/L	MW-5S	4	31.875	62.750	1.176	0.000	105.687	50.000		
Selenium, Total	ug/L	MW-6S	4	5.575	7.261	1.176	0.000	14.116	50.000		
Selenium, Total	ug/L	MW-7S	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-8S	4	1.175	1.350	1.176	0.000	2.763	50.000		
Selenium, Total	ug/L	MW-9SR	1								*
Total Radium	pCi/L	MW-10S	4	0.920	0.208	1.176	0.675	1.165	5.000		
Total Radium	pCi/L	MW-11S	4	0.983	0.127	1.176	0.833	1.132	5.000		
Total Radium	pCi/L	MW-12S	3								*
Total Radium	pCi/L	MW-13S	4	1.545	0.704	1.176	0.717	2.372	5.000		
Total Radium	pCi/L	MW-14D	4	1.478	0.398	1.176	1.009	1.946	5.000		
Total Radium	pCi/L	MW-1S	4	1.981	0.811	1.176	1.028	2.935	5.000		
Total Radium	pCi/L	MW-2D	4	1.690	0.797	1.176	0.753	2.627	5.000		
Total Radium	pCi/L	MW-2S	4	1.774	0.553	1.176	1.123	2.425	5.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Total Radium	pCi/L	MW-3S	4	0.991	0.044	1.176	0.940	1.042	5.000		
Total Radium	pCi/L	MW-4SR	4	1.065	0.090	1.176	0.959	1.171	5.000		
Total Radium	pCi/L	MW-5S	4	1.414	0.522	1.176	0.799	2.028	5.000		
Total Radium	pCi/L	MW-6S	4	0.958	0.065	1.176	0.881	1.035	5.000		
Total Radium	pCi/L	MW-7S	4	2.130	1.135	1.176	0.795	3.465	5.000		
Total Radium	pCi/L	MW-8S	4	1.020	0.320	1.176	0.644	1.396	5.000		
Total Radium	pCi/L	MW-9SR	1								*

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Beryllium, Total	ug/L	MW-10S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-11S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-12S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-13S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-14D	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-1S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-2D	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-2S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-3S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-4SR	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-5S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-6S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-7S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-8S	4	0.100	0.000	1.176	0.100	0.100	4.000		
Beryllium, Total	ug/L	MW-9SR	3								*
Cadmium, Total	ug/L	MW-10S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-11S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-12S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-13S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-14D	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-1S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-2D	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-2S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-3S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-4SR	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-5S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-6S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-7S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-8S	4	1.000	0.000	1.176	1.000	1.000	5.000		
Cadmium, Total	ug/L	MW-9SR	3								*
Chromium, Total	ug/L	MW-10S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-11S	4	5.000	0.000	1.176	5.000	5.000	100.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Chromium, Total	ug/L	MW-12S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-13S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-14D	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-1S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-2D	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-2S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-3S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-4SR	2								*
Chromium, Total	ug/L	MW-5S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-6S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-7S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-8S	4	5.000	0.000	1.176	5.000	5.000	100.000		
Chromium, Total	ug/L	MW-9SR	2								*
Lead, Total	ug/L	MW-10S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-11S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-12S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-13S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-14D	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-1S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-2D	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-2S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-3S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-4SR	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-5S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-6S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-7S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-8S	4	5.000	0.000	1.176	5.000	5.000	15.000		
Lead, Total	ug/L	MW-9SR	3								*
Mercury	ug/L	MW-10S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-11S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-12S	3								*
Mercury	ug/L	MW-13S	4	0.100	0.000	1.176	0.100	0.100	2.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Mercury	ug/L	MW-14D	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-1S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-2D	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-2S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-3S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-4SR	2								*
Mercury	ug/L	MW-5S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-6S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-7S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-8S	4	0.100	0.000	1.176	0.100	0.100	2.000		
Mercury	ug/L	MW-9SR	2								*
Thallium, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-11S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-12S	3								*
Thallium, Total	ug/L	MW-13S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-14D	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-1S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-2D	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-2S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-3S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-4SR	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-5S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-6S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-7S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-8S	4	0.500	0.000	1.176	0.500	0.500	2.000		
Thallium, Total	ug/L	MW-9SR	3								*

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-5S	**Molybdenum, total** ug/L
5/4/2022	122
11/11/2022	92.1
5/18/2023	56.6
5/9/2025	27.1
SORTED	27.1
	56.6
	92.1
	122
Q1	41.85
Q3	107.05
IQR	65.2
MEAN	74.45
MEDIAN	74.35
N	4
GWPS	100
S	41.364921
t	2.353
SKEWNESS DIRECTION	RIGHT/POSITIVE SKEWED
SKEWNESS	0.01
LCL (MEAN)	25.784
LCL (MEDIAN)	**25.684**
DETERMINATION (LCL MEAN)	**BELOW GWPS**
DETERMINATION (LCL MEDIAN)	**BELOW GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-7S	**Molybdenum, total** ug/L
11/9/2023	457
5/8/2024	391
11/13/2024	371
5/23/2025	349
SORTED	349
	371
	391
	457
Q1	360
Q3	424
IQR	64
MEAN	392
MEDIAN	381
N	4
GWPS	100
S	46.604721
t	2.353
SKEWNESS DIRECTION	RIGHT/POSITIVE SKEWED
SKEWNESS	1.22
LCL (MEAN)	337.170
LCL (MEDIAN)	**326.170**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**
DETERMINATION (LCL MEDIAN)	**EXCEEDS GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-10S	**Fluoride** mg/L
11/8/2023	3.1
5/21/2024	2.7
11/12/2024	2.4
5/21/2025	1.8
SORTED	1.8
	2.4
	2.7
	3.1
Q1	2.1
Q3	2.9
IQR	0.8
MEAN	2.5
MEDIAN	2.55
N	4
GWPS	4
S	0.547723
t	2.353
SKEWNESS DIRECTION	LEFT/NEGATIVE SKEWED
SKEWNESS	-0.49
LCL (MEAN)	1.856
LCL (MEDIAN)	**1.906**
DETERMINATION (LCL MEAN)	**BELOW GWPS**
DETERMINATION (LCL MEDIAN)	**BELOW GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-13S	**Fluoride** mg/L
11/9/2023	0.8
5/3/2024	0.78
11/13/2024	0.72
5/27/2025	0.64
SORTED	0.64
	0.72
	0.78
	0.8
Q1	0.68
Q3	0.79
IQR	0.11
MEAN	0.735
MEDIAN	0.75
N	4
GWPS	4
S	0.071880
t	2.353
SKEWNESS DIRECTION	LEFT/NEGATIVE SKEWED
SKEWNESS	-0.89
LCL (MEAN)	0.650
LCL (MEDIAN)	**0.665**
DETERMINATION (LCL MEAN)	**BELOW GWPS**
DETERMINATION (LCL MEDIAN)	**BELOW GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-9I	**Arsenic, total** ug/L
11/3/2023	52.7
5/7/2024	122
11/1/2024	156
5/6/2025	191
SORTED	52.7
	122
	156
	191
Q1	87.35
Q3	173.5
IQR	86.15
MEAN	130.425
MEDIAN	139
N	4
GWPS	10
S	58.979001
t	2.353
SKEWNESS DIRECTION	LEFT/NEGATIVE SKEWED
SKEWNESS	-0.75
LCL (MEAN)	61.036
LCL (MEDIAN)	**69.611**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**
DETERMINATION (LCL MEDIAN)	**EXCEEDS GWPS**

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Lithium, Total	ug/L	MW-9I	8	31.550	14.708	0.670	21.698	41.402	40.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 8 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Molybdenum, Total	ug/L	MW-9I	8	116.575	12.735	0.670	108.045	125.105	100.000		**

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 6 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Molybdenum, Total	ug/L	MW-12D	6	110.333	38.514	0.822	78.661	142.006	100.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Antimony, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-12D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	6.000		
Arsenic, Total	ug/L	MW-10D	4	89.875	6.531	1.176	82.192	97.558	10.000		**
Arsenic, Total	ug/L	MW-10S	4	285.000	27.797	1.176	252.303	317.697	10.000		**
Arsenic, Total	ug/L	MW-11D	4	15.675	0.793	1.176	14.742	16.608	10.000	inc	**
Arsenic, Total	ug/L	MW-12D	4	146.575	95.581	1.176	34.144	259.006	10.000	dec	**
Arsenic, Total	ug/L	MW-13D	4	238.750	15.086	1.176	221.005	256.495	10.000		**
Arsenic, Total	ug/L	MW-1D	4	4.500	1.128	1.176	3.173	5.827	10.000		
Arsenic, Total	ug/L	MW-7D	4	480.250	34.355	1.176	439.839	520.661	10.000		**
Arsenic, Total	ug/L	MW-9I	4	130.425	58.979	1.176	61.049	199.801	10.000	inc	**
Barium, Total	ug/L	MW-10D	4	36.100	7.638	1.176	27.115	45.085	2000.000		
Barium, Total	ug/L	MW-10S	4	63.025	24.825	1.176	33.824	92.226	2000.000		
Barium, Total	ug/L	MW-11D	4	23.675	0.395	1.176	23.211	24.139	2000.000		
Barium, Total	ug/L	MW-12D	4	36.350	9.046	1.176	25.709	46.991	2000.000		
Barium, Total	ug/L	MW-13D	4	31.775	2.133	1.176	29.266	34.284	2000.000		
Barium, Total	ug/L	MW-1D	4	84.450	14.140	1.176	67.817	101.083	2000.000		
Barium, Total	ug/L	MW-7D	4	43.450	3.455	1.176	39.386	47.514	2000.000		
Barium, Total	ug/L	MW-9I	4	59.025	17.506	1.176	38.432	79.618	2000.000		
Cobalt, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-12D	4	0.700	0.400	1.176	0.229	1.171	6.000		
Cobalt, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	6.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Fluoride	mg/L	MW-10D	4	1.675	0.206	1.176	1.433	1.917	4.000		
Fluoride	mg/L	MW-10S	4	2.500	0.548	1.176	1.856	3.144	4.000	dec	
Fluoride	mg/L	MW-11D	4	0.395	0.079	1.176	0.303	0.487	4.000		
Fluoride	mg/L	MW-12D	4	1.225	0.189	1.176	1.002	1.448	4.000		
Fluoride	mg/L	MW-13D	4	0.540	0.055	1.176	0.476	0.604	4.000	dec	
Fluoride	mg/L	MW-1D	4	0.382	0.029	1.176	0.349	0.416	4.000		
Fluoride	mg/L	MW-7D	4	0.448	0.036	1.176	0.405	0.490	4.000		
Fluoride	mg/L	MW-9I	4	0.738	0.091	1.176	0.630	0.845	4.000		
Lithium, Total	ug/L	MW-10D	4	59.625	6.862	1.176	51.553	67.697	40.000		**
Lithium, Total	ug/L	MW-10S	4	41.025	11.903	1.176	27.023	55.027	40.000		
Lithium, Total	ug/L	MW-11D	4	134.750	7.136	1.176	126.356	143.144	40.000		**
Lithium, Total	ug/L	MW-12D	4	53.200	4.790	1.176	47.566	58.834	40.000		**
Lithium, Total	ug/L	MW-13D	4	71.000	4.526	1.176	65.676	76.324	40.000		**
Lithium, Total	ug/L	MW-1D	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-7D	4	86.750	7.822	1.176	77.550	95.950	40.000		**
Lithium, Total	ug/L	MW-9I	4	41.500	13.211	1.176	25.960	57.040	40.000		
Molybdenum, Total	ug/L	MW-10D	4	61.225	5.118	1.176	55.205	67.245	100.000		
Molybdenum, Total	ug/L	MW-10S	4	130.600	32.438	1.176	92.443	168.757	100.000		
Molybdenum, Total	ug/L	MW-11D	4	5.000	0.000	1.176	5.000	5.000	100.000		
Molybdenum, Total	ug/L	MW-12D	4	87.500	17.890	1.176	66.457	108.543	100.000		
Molybdenum, Total	ug/L	MW-13D	4	295.000	33.086	1.176	256.082	333.918	100.000	dec	**
Molybdenum, Total	ug/L	MW-1D	4	17.825	2.326	1.176	15.089	20.561	100.000		
Molybdenum, Total	ug/L	MW-7D	4	422.000	47.707	1.176	365.882	478.118	100.000	dec	**
Molybdenum, Total	ug/L	MW-9I	4	116.400	18.279	1.176	94.899	137.901	100.000		
Selenium, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-10S	4	0.700	0.400	1.176	0.229	1.171	50.000		
Selenium, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-12D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	50.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Total Radium	pCi/L	MW-10D	4	1.839	0.678	1.176	1.041	2.636	5.000		
Total Radium	pCi/L	MW-10S	4	0.920	0.208	1.176	0.675	1.165	5.000		
Total Radium	pCi/L	MW-11D	4	1.140	0.125	1.176	0.994	1.287	5.000		
Total Radium	pCi/L	MW-12D	4	2.242	1.441	1.176	0.547	3.937	5.000		
Total Radium	pCi/L	MW-13D	4	1.704	0.653	1.176	0.935	2.473	5.000		
Total Radium	pCi/L	MW-1D	4	1.343	0.406	1.176	0.865	1.820	5.000		
Total Radium	pCi/L	MW-7D	4	1.576	0.463	1.176	1.032	2.120	5.000		
Total Radium	pCi/L	MW-9I	4	1.391	0.408	1.176	0.912	1.871	5.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Beryllium, Total	ug/L	MW-10D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-10S	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-11D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-12D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-13D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-1D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-7D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-9I	4	0.100	0.000	1.176	0.100	0.100	4.000	
Cadmium, Total	ug/L	MW-10D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-10S	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-11D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-12D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-13D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-1D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-7D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-9I	4	1.000	0.000	1.176	1.000	1.000	5.000	
Chromium, Total	ug/L	MW-10D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-10S	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-11D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-12D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-13D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-1D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-7D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-9I	4	5.000	0.000	1.176	5.000	5.000	100.000	
Lead, Total	ug/L	MW-10D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-10S	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-11D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-12D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-13D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-1D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-7D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-9I	4	5.000	0.000	1.176	5.000	5.000	15.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Mercury	ug/L	MW-10D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-10S	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-11D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-12D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-13D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-1D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-7D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-9I	4	0.100	0.000	1.176	0.100	0.100	2.000	
Thallium, Total	ug/L	MW-10D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-10S	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-11D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-12D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-13D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-1D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-7D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-9I	4	0.500	0.000	1.176	0.500	0.500	2.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-7D	Molybdenum, total ug/L
11/9/2023	469
5/8/2024	449
11/14/2024	409
5/23/2025	361
SORTED	361
	409
	449
	469
Q1	385
Q3	459
IQR	74
MEAN	422
MEDIAN	429
N	4
GWPS	100
S	47.707442
t	2.353
SKEWNESS DIRECTION	LEFT/NEGATIVE SKEWED
SKEWNESS	-0.65
LCL (MEAN)	365.872
LCL (MEDIAN)	**372.872**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**
DETERMINATION (LCL MEDIAN)	**EXCEEDS GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-11D	**Arsenic, total** ug/L
11/8/2023	15
5/10/2024	15.1
11/15/2024	15.9
5/12/2025	16.7
SORTED	15
	15.1
	15.9
	16.7
Q1	15.05
Q3	16.3
IQR	1.25
MEAN	15.675
MEDIAN	15.5
N	4
GWPS	10
S	0.793200
t	2.353
SKEWNESS DIRECTION	RIGHT/POSITIVE SKEWED
SKEWNESS	0.79
LCL (MEAN)	14.742
LCL (MEDIAN)	**14.567**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**
DETERMINATION (LCL MEDIAN)	**EXCEEDS GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-12D	**Arsenic, total** ug/L
11/7/2023	288
5/9/2024	121
11/12/2024	93.2
5/22/2025	84.1
SORTED	84.1
	93.2
	121
	288
Q1	88.65
Q3	204.5
IQR	115.85
MEAN	146.575
MEDIAN	107.1
N	4
GWPS	10
S	95.580904
t	2.353
SKEWNESS DIRECTION	RIGHT/POSITIVE SKEWED
SKEWNESS	1.84
LCL (MEAN)	34.124
LCL (MEDIAN)	**-5.351**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**
DETERMINATION (LCL MEDIAN)	**BELOW GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-13D	Molybdenum, total ug/L	Fluoride mg/L
11/9/2023	338	0.61
5/3/2024	304	0.55
11/13/2024	270	0.52
5/27/2025	268	0.48
SORTED	268	0.48
	270	0.52
	304	0.55
	338	0.61
Q1	269	0.5
Q3	321	0.58
IQR	52	0.08
MEAN	295	0.54
MEDIAN	287	0.535
N	4	4
GWPS	100	4
S	33.085747	0.054772
t	2.353	2.353
SKEWNESS DIRECTION	RIGHT/POSITIVE SKEWED	RIGHT/POSITIVE SKEWED
SKEWNESS	0.83	0.49
LCL (MEAN)	256.075	0.476
LCL (MEDIAN)	**248.075**	**0.471**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**	**BELOW GWPS**
DETERMINATION (LCL MEDIAN)	**EXCEEDS GWPS**	**BELOW GWPS**

MEAN / MEDIAN CALCULATIONS
BACKUP DOCUMENTATION

MW-14D	**Lithium, total** ug/L	**Molybdenum, total** ug/L
11/6/2023	666	222
5/8/2024	587	198
11/18/2024	516	165
5/7/2025	467	151
SORTED	467	151
	516	165
	587	198
	666	222
Q1	491.5	158
Q3	626.5	210
IQR	135	52
MEAN	559	184
MEDIAN	551.5	181.5
N	4	4
GWPS	40	100
S	86.691022	32.093613
t	2.353	2.353
SKEWNESS DIRECTION	RIGHT/POSITIVE SKEWED	RIGHT/POSITIVE SKEWED
SKEWNESS	0.40	0.30
LCL (MEAN)	457.008	146.242
LCL (MEDIAN)	**449.508**	**143.742**
DETERMINATION (LCL MEAN)	**EXCEEDS GWPS**	**EXCEEDS GWPS**
DETERMINATION (LCL MEDIAN)	**EXCEEDS GWPS**	**EXCEEDS GWPS**

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend	
Antimony, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Antimony, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Arsenic, Total	ug/L	MW-3D	4	3.225	0.377	1.176	2.781	3.669	10.000		
Arsenic, Total	ug/L	MW-9D	4	104.050	36.976	1.176	60.556	147.544	10.000		**
Barium, Total	ug/L	MW-3D	4	82.325	29.867	1.176	47.193	117.457	2000.000		
Barium, Total	ug/L	MW-9D	4	55.475	15.672	1.176	37.040	73.910	2000.000		
Cobalt, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Cobalt, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	6.000		
Fluoride	mg/L	MW-3D	4	0.205	0.037	1.176	0.162	0.248	4.000		
Fluoride	mg/L	MW-9D	4	0.710	0.116	1.176	0.573	0.847	4.000		
Lithium, Total	ug/L	MW-3D	4	10.000	0.000	1.176	10.000	10.000	40.000		
Lithium, Total	ug/L	MW-9D	4	30.075	8.320	1.176	20.288	39.862	40.000		
Molybdenum, Total	ug/L	MW-3D	4	5.000	0.000	1.176	5.000	5.000	100.000		
Molybdenum, Total	ug/L	MW-9D	4	75.950	13.136	1.176	60.498	91.402	100.000		
Selenium, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Selenium, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	50.000		
Total Radium	pCi/L	MW-3D	4	1.067	0.181	1.176	0.854	1.281	5.000		
Total Radium	pCi/L	MW-9D	4	1.780	0.496	1.176	1.196	2.364	5.000		

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit

Table 1

Confidence Intervals for Comparing the Mean of the Last 4 Measurements to an Assessment Monitoring Standard

Constituent	Units	Well	N	Mean	SD	Factor	95% LCL	95% UCL	Standard	Trend
Beryllium, Total	ug/L	MW-3D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Beryllium, Total	ug/L	MW-9D	4	0.100	0.000	1.176	0.100	0.100	4.000	
Cadmium, Total	ug/L	MW-3D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Cadmium, Total	ug/L	MW-9D	4	1.000	0.000	1.176	1.000	1.000	5.000	
Chromium, Total	ug/L	MW-3D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Chromium, Total	ug/L	MW-9D	4	5.000	0.000	1.176	5.000	5.000	100.000	
Lead, Total	ug/L	MW-3D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Lead, Total	ug/L	MW-9D	4	5.000	0.000	1.176	5.000	5.000	15.000	
Mercury	ug/L	MW-3D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Mercury	ug/L	MW-9D	4	0.100	0.000	1.176	0.100	0.100	2.000	
Thallium, Total	ug/L	MW-3D	4	0.500	0.000	1.176	0.500	0.500	2.000	
Thallium, Total	ug/L	MW-9D	4	0.500	0.000	1.176	0.500	0.500	2.000	

* - Insufficient Data
** - Significant Exceedance
LCL = Lower Confidence Limit
UCL = Upper Confidence Limit