



**Environment and Waste Programs**

Los Alamos National Laboratory  
P.O. Box 1663, MS M969  
Los Alamos, NM 87545  
505-667-3367



**National Nuclear Security Administration**

Los Alamos Field Office  
3747 West Jemez Road, A316  
Los Alamos, NM 87544  
505-667-5105/Fax 505-667-5948

**Symbol:** EWP-25-007

**Date:** March 26, 2025

**LA-UR:** 25-22353

Mr. JohnDavid Nance, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6313

**Subject: Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1**

Dear Mr. Nance:

The United States Department of Energy National Nuclear Security Administration, Los Alamos Field Office (NA-LA) and Triad National Security, LLC (Triad) submit the enclosed report titled, *Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1* in accordance with the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, EPA ID# NM0890010515 (the Permit) Part 3, Section 3.14.3 to the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB).

The Permit requires that the soil vapor monitoring system at the LANL Technical Area 63 Transuranic Waste Facility be sampled and evaluated for designated volatile organic compounds quarterly to ensure the protection of environmental health and safety, including that of onsite workers. The enclosed report provides the results of calendar year 2025, Quarter 1 sampling conducted on January 29, 2025. The sampling results indicate that vapor concentrations at the site do not exceed the soil gas screening levels presented in the Permit.

A 15-day notification of a newly detected constituent in a vapor monitoring well was submitted to the NMED-HWB on March 4, 2025.

In compliance with Permit Section 1.9.16, a report certification is included with this submittal. A compact disc with copies of the report and the analytical data in an Excel format is also included to facilitate the review of the monitoring results.

If you have any questions or comments concerning this report, please contact Robert A. Gallegos (NA-LA) at (505) 901-3824 or by email at [robert.gallegos@nnsa.doe.gov](mailto:robert.gallegos@nnsa.doe.gov) or Luciana Vigil-Holterman (Triad) at (505) 665-3435 or by email at [luciana@lanl.gov](mailto:luciana@lanl.gov).

Sincerely,

Jeannette T  
Hyatt

Digitally signed by  
Jeannette T Hyatt  
Date: 2025.03.20  
19:55:47 -06'00'

Jeannette T. Hyatt  
Senior Director  
Environment and Waste Programs  
Triad National Security, LLC  
Los Alamos National Laboratory

ROBERT  
GALLEGOS

Digitally signed by  
ROBERT GALLEGOS  
Date: 2025.03.25  
16:11:05 -06'00'

Robert A. Gallegos  
Program Manager  
Environmental Permitting and Compliance  
National Nuclear Security Administration  
Los Alamos Field Office  
U.S. Department of Energy

JH:RG:klv

Enclosure: *Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1*

Copy: Laurie King, USEPA/Region 6, Dallas, TX, [king.laurie@epa.gov](mailto:king.laurie@epa.gov)  
Rick Shean, NMED-HWB, Santa Fe, NM, [rick.shean@env.nm.gov](mailto:rick.shean@env.nm.gov)  
JohnDavid Nance, NMED-HWB, Santa Fe, NM, [jd.nance@env.nm.gov](mailto:jd.nance@env.nm.gov)  
Neelam Dhawan, NMED-HWB, Santa Fe, NM, [neelam.dhawan@env.nm.gov](mailto:neelam.dhawan@env.nm.gov)  
Siona Briley, NMED-HWB, Santa Fe, NM, [siona.briley@env.nm.gov](mailto:siona.briley@env.nm.gov)  
Michael Peterson, NMED-HWB, Santa Fe, NM, [Michael.Petersen@env.nm.gov](mailto:Michael.Petersen@env.nm.gov)  
Theodore A. Wyka, NA-LA, [theodore.wyka@nnsa.doe.gov](mailto:theodore.wyka@nnsa.doe.gov)  
Jason Saenz, NA-LA, [jason.saenz@nnsa.doe.gov](mailto:jason.saenz@nnsa.doe.gov)  
Karen E. Armijo, NA-LA, [karen.armijo@nnsa.doe.gov](mailto:karen.armijo@nnsa.doe.gov)  
Peter Duklis, Jr., NA-LA, [peter.duklis@nnsa.doe.gov](mailto:peter.duklis@nnsa.doe.gov)  
Emmett Armour, NA-LA, [emmett.armour@nnsa.doe.gov](mailto:emmett.armour@nnsa.doe.gov)  
Robert A. Gallegos, NA-LA, [robert.gallegos@nnsa.doe.gov](mailto:robert.gallegos@nnsa.doe.gov)  
Brian Harcek, EM-LA, [brian.harcek@em.doe.gov](mailto:brian.harcek@em.doe.gov)  
Steven Coleman, Triad, ALDESHQ, [scoleman@lanl.gov](mailto:scoleman@lanl.gov)  
Jennifer Payne, ALDESHQ, [jpayn@lanl.gov](mailto:jpayn@lanl.gov)  
Jeannette T. Hyatt, Triad, EWP, [jhyatt@lanl.gov](mailto:jhyatt@lanl.gov)  
Steven L. Story, Triad, EPC-DO, [story@lanl.gov](mailto:story@lanl.gov)  
Francesca Trujillo, Triad, EPC-DO, [francesca@lanl.gov](mailto:francesca@lanl.gov)  
Jessica L. Moseley, Triad, EPC-WMP, [jmoseley@lanl.gov](mailto:jmoseley@lanl.gov)  
Jackie C. Hurtle, Triad, EPC-WMP, [jhurtle@lanl.gov](mailto:jhurtle@lanl.gov)  
Cecilia Trujillo, Triad, EPC-WMP, [ceciliat@lanl.gov](mailto:ceciliat@lanl.gov)  
Luciana Vigil-Holterman, EPC-WMP, [luciana@lanl.gov](mailto:luciana@lanl.gov)  
Kristen Van Horn, Triad, EPC-WMP, [klv@lanl.gov](mailto:klv@lanl.gov)  
John M. Quintana, Triad, TA55-WF, [johng@lanl.gov](mailto:johng@lanl.gov)  
Michael J. Furman, Triad, EPC-WMP, [mfurman@lanl.gov](mailto:mfurman@lanl.gov)

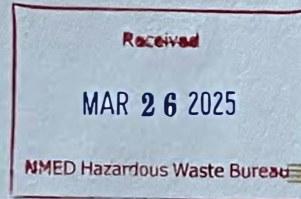
Christian Maupin, N3B, [christian.maupin@em-la.doe.gov](mailto:christian.maupin@em-la.doe.gov)  
[rcra-prr@lanl.gov](mailto:rcra-prr@lanl.gov)  
[eshq-dcrm@lanl.gov](mailto:eshq-dcrm@lanl.gov)  
[locatesteam@lanl.gov](mailto:locatesteam@lanl.gov)  
[epccorrespondence@lanl.gov](mailto:epccorrespondence@lanl.gov)  
[lasomailbox@nnsa.doe.gov](mailto:lasomailbox@nnsa.doe.gov)

**COPY**



**Environment and Waste Programs**

Los Alamos National Laboratory  
P.O. Box 1663, MS M969  
Los Alamos, NM 87545  
505-667-3367



**National Nuclear Security Administration**

Los Alamos Field Office  
3747 West Jemez Road, A316  
Los Alamos, NM 87544  
505-667-5105/Fax 505-667-5948

**Symbol:** EWP-25-007

**Date:** March 26, 2025

**LA-UR:** 25-22353

Mr. JohnDavid Nance, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6313

**Subject: Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1**

Dear Mr. Nance:

The United States Department of Energy National Nuclear Security Administration, Los Alamos Field Office (NA-LA) and Triad National Security, LLC (Triad) submit the enclosed report titled, *Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1* in accordance with the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, EPA ID# NM0890010515 (the Permit) Part 3, Section 3.14.3 to the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB).

The Permit requires that the soil vapor monitoring system at the LANL Technical Area 63 Transuranic Waste Facility be sampled and evaluated for designated volatile organic compounds quarterly to ensure the protection of environmental health and safety, including that of onsite workers. The enclosed report provides the results of calendar year 2025, Quarter 1 sampling conducted on January 29, 2025. The sampling results indicate that vapor concentrations at the site do not exceed the soil gas screening levels presented in the Permit.

A 15-day notification of a newly detected constituent in a vapor monitoring well was submitted to the NMED-HWB on March 4, 2025.

In compliance with Permit Section 1.9.16, a report certification is included with this submittal. A compact disc with copies of the report and the analytical data in an Excel format is also included to facilitate the review of the monitoring results.



---

## ENCLOSURE

*Technical Area 63 Transuranic Waste Facility Soil Vapor  
Monitoring System Report, Calendar Year 2025, Quarter 1*

Date: March 26, 2025

EWP-25-007  
LA-UR-25-22353

U.S. Department of Energy,  
National Nuclear Security Administration Los Alamos Field Office, and  
Triad National Security, LLC

[This page is intentionally blank.]



---

# CERTIFICATION

[This page is intentionally blank.]





## Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Jeannette T  
Hyatt** Digitally signed by  
Jeannette T Hyatt  
Date: 2025.03.20  
19:56:44 -06'00'

---

**Jeannette T. Hyatt**  
Senior Director  
Environment and Waste Programs  
Triad National Security, LLC  
Los Alamos National Laboratory

---

Date Signed

**ROBERT  
GALLEGOS** Digitally signed by  
ROBERT GALLEGOS  
Date: 2025.03.25  
16:11:48 -06'00'

---

**Robert A. Gallegos**  
Program Manager  
Environmental Permitting and Compliance  
National Nuclear Security Administration  
Los Alamos Field Office  
U.S. Department of Energy

---

Date Signed

[This page is intentionally blank.]



---

# Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1

## I Introduction

This report provides the calendar year (CY) 2025, Quarter 1, January (CY2025, Quarter 1) soil vapor sampling results from the Technical Area 63 (TA-63) Transuranic Waste Facility (TWF) soil vapor monitoring network at Los Alamos National Laboratory (LANL). Quarterly sampling is required by the LANL Hazardous Waste Facility Permit (Permit) Part 3, Section 3.14.3, *Subsurface Vapor Monitoring*.

Sampling and laboratory analytical results for CY2025, Quarter 1 confirm that volatile organic compound (VOC) concentrations in the soil gas at the site are stable. The VOC concentrations are well below the screening levels established by the Permit. The primary constituent of concern at the site is trichloroethylene (TCE).

The report presents the background of the soil vapor sampling, soil vapor sampling results, and statistics regarding the data set as part of an ongoing review to determine the need for continued sampling on a quarterly basis at the TWF.

## II Background

The TWF soil vapor monitoring wells evaluate vapor-phase contaminants that potentially migrate from TA-50, Material Disposal Area (MDA) C, Solid Waste Management Unit 50-009. MDA C is managed under the Compliance Order on Consent. The TWF is located southeast of MDA C. The purpose of the sampling at the TWF is to prevent worker exposure to potentially harmful levels of VOCs at the site.

On December 23, 2013, the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) approved a Permit modification for the construction of the TWF. The approved modification, Permit Part 3, Section 3.14.3, required completion of vapor monitoring well construction and at least one vapor sample collected from each well before the start of operations at the TWF. Soil vapor monitoring wells were installed in August 2015. Baseline soil vapor monitoring samples were collected in September 2015. The initial report was submitted on October 29, 2015 (LANL 2015) and approved with modifications in February 2016 (NMED 2016). The first quarterly sampling event coincided with commencement of waste activities at the site in December 2017. Quarterly reports from 2017 to present are listed in the references section (LANL 2017 through LANL 2024d).

## III Soil Vapor Sampling

The TWF soil vapor monitoring network consists of five soil vapor monitoring wells located in or near the permitted storage area at the TWF. The vapor monitoring wells were installed as specified in Permit Attachment A, Section A.6.10, *Subsurface Vapor Monitoring*. Figure 1, *Soil vapor monitoring well locations at TA-63 TWF*, depicts the locations of the five soil vapor monitoring wells that comprise the TWF soil vapor monitoring network.

Vapor monitoring well (VMW)-1 (LANL Structure Number 63-2009) and VMW-2 (63-2010) are located proximal to the TWF storage building foundations and adjacent to the unit boundary that faces the utility corridor on Puye Road and MDA C. A third vapor monitoring well, VMW-3 (63-2011), is located within the permitted unit at a point on the western edge of the unit and close to the utility corridor on Pajarito

Road. The sampling ports for VMW-1, VMW-2, and VMW-3 are located at a 5-foot (ft) nominal depth below the concrete pad of the TWF permitted storage unit. Two vapor monitoring wells, VMW-4 (63-2012) and VMW-5 (63-2013), are located outside the permitted unit, across Puye Road to the north and closer to MDA C. There are two sampling ports in both VMW-4 and VMW-5 at depths of 25 and 60 ft below the ground surface. Each vapor monitoring well and vapor monitoring port are sampled during quarterly sampling events, for a total of seven (7) vapor samples.

Field work for the CY2025, Quarter 1 sampling event occurred on January 29, 2025. Soil vapor gases were extracted from the monitoring well sample ports through stainless steel tubing into stainless steel SUMMA canisters and submitted for laboratory analysis of VOCs using the U.S. Environmental Protection Agency (EPA) TO-15 method as required by Permit Section 3.14.3. Prior to collecting the sample, pore gas was purged and field screened to measure concentrations of carbon dioxide, oxygen, and VOCs using a multi-gas monitor to ensure that the levels at each sampling port are stable at values that are representative of subsurface pore gas conditions. Field personnel collected a total of nine (9) samples, including one field duplicate from VMW-5, 60-ft port and one field blank sample. There were no variances in the sampling procedures from the Permit requirements. The field data forms are presented in the Sample Collection Log section of this report.

## IV Analytical Results

The Permit presents action levels within Permit Part 3, Tables 3.14.3.1, 3.14.3.2, and 3.14.3.3 (Permit Tables) for VOC constituents of concern. Each Permit Table presents soil gas screening levels (SGSLs) for each of the vapor monitoring well sample port depths at 5 ft, 25 ft, and 60 ft. The SGSLs are based on EPA guidance. References to the guidance and an explanation of the calculations used to develop the SGSLs are presented in Permit Part 3, Section 3.14.3, *Subsurface Vapor Monitoring*. All VOC laboratory analytical sampling results are compared with the SGSLs where listed. All data are subject to validation reviews in accordance with LANL's guidance and procedures.

Table 1, *Detected Volatile Organic Compounds at TA-63 Transuranic Waste Facility – CY2025 Quarter 1*, presents a summary of the laboratory analytical results for detected VOCs. The table provides results for both non-qualified and estimated (J-qualified) detections. Each well port depth and constituent of concern have an associated SGSL, presented in Table 1, for comparison with the analytical results. Relative constituent concentrations are presented using a calculation of the analytical results as a percentage of the SGSLs.

LANL's Sample Management Office processes laboratory analytical data for quality assurance/quality control; these data are presented as an Excel file included on the disc submitted with this report. Results are also presented in Table 2, *Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility – CY2025 Quarter 1*. These data include all detect and non-detect analytical results.

NMED-HWB correspondence, dated May 23, 2018 (NMED 2018), requires reporting of current and previous sampling results. Table 3, *Current and Previous Analytical Results for Eight Quarters*, presents the most recent four quarters and the prior four quarters of detected quarterly soil gas laboratory analytical results for comparison and tracking.

A statistical analysis of the TCE results is presented through trendline figures (Figures 2 and 3) and Table 4, *Statistical Analyses of TCE Results*. The trendlines present data from the last eight quarters of sampling and Table 4 presents statistics for the entire sampling period.

## Constituents of Concern

Several constituents of concern that are listed in the Permit Tables are regularly detected in the soil vapor monitoring network. For all the vapor monitoring wells, the most regularly detected constituent is TCE, which also consistently exhibits the highest concentration levels among the detected VOCs at the site. Chloroform, dichlorodifluoromethane, tetrachloroethylene, trichloro-1,2,2-trifluoroethane[1,1,2-], and carbon tetrachloride are also routinely detected in the vapor monitoring wells. The analytical data are discussed below.

TCE is detected in all five of the vapor monitoring wells at all port depths. The detected concentrations are highest closer to MDA C. Vapor monitoring wells VMW-4 and VMW-5 are the closest vapor monitoring wells to MDA C. The TCE concentrations measured in VMW-4 are 1900 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) (1.2% of the SGSL) and 5000  $\mu\text{g}/\text{m}^3$  (5.4% of the SGSL) at the 25-ft and 60-ft port depths, respectively. The TCE concentrations measured in VMW-5 are 330  $\mu\text{g}/\text{m}^3$  (0.2% of the SGSL) and 1200  $\mu\text{g}/\text{m}^3$  (1.3% of the SGSL) at the 25-ft and 60-ft port depths, respectively. Vapor monitoring wells VMW-1, VMW-2, and VMW-3 are closest to the TWF permitted unit and demonstrate TCE concentrations that are a fraction of a percent of the SGSL: 0.2%, 0.5%, and 0.3%, respectively. The TCE concentration of 33  $\mu\text{g}/\text{m}^3$  measured in VMW-1 is estimated (J-qualified).

Chloroform is routinely present in soil gas samples collected from vapor monitoring wells VMW-4 and VMW-5. The concentrations of chloroform in vapor monitoring well VMW-4 are 78  $\mu\text{g}/\text{m}^3$  (0.3% of the SGSL) and 170  $\mu\text{g}/\text{m}^3$  (0.4% of the SGSL) in the 25-ft and 60-ft sampling ports, respectively. The concentrations of chloroform in vapor monitoring well VMW-5 are 59  $\mu\text{g}/\text{m}^3$  (0.3% of the SGSL) and 28  $\mu\text{g}/\text{m}^3$  (J-qualified or estimated) (<0.1% of the SGSL) in the 25-ft and 60-ft sampling ports, respectively. In 2023, VMW-2, 5-ft sampling port indicated the presence of chloroform, and since then detects have been inconsistent with no chloroform detected in this quarter. The CY2019, Quarter 3 sampling event indicated the presence of chloroform in VMW-1, 5 ft sampling port, and since then there have been no further detects of chloroform in this well.

Vapor monitoring wells VMW-4 and VMW-5 also consistently demonstrate concentrations above the laboratory report detection limits for dichlorodifluoromethane, tetrachloroethylene, trichloro-1,2,2-trifluoroethane[1,1,2-], and carbon tetrachloride. The concentrations for these VOCs, when detected, are very low at less than 0.1% of the relevant SGSLs.

## Newly Detected and Additional Constituents

Occasionally, VOCs are detected in the vapor monitoring wells that were not detected during previous sampling events. Permit Part 3, Section 3.14.3, requires notification to the NMED-HWB when this occurs. This quarter, a newly detected VOC was reported to the NMED-HWB on March 4, 2025 (LANL 2025a). The newly detected constituent is tetrahydrofuran in VMW-5, 25-ft port at 11  $\mu\text{g}/\text{m}^3$  (J). The report detection limit for tetrahydrofuran is 21  $\mu\text{g}/\text{m}^3$  and the report method detection limit is 4.7  $\mu\text{g}/\text{m}^3$ ; therefore, the result is estimated. Tetrahydrofuran is not listed in the Permit Tables, so it cannot be compared to a SGSL. Previously, tetrahydrofuran was detected in the field duplicate sample for VMW-5 in the 60-ft port, which is discussed below. Monitoring for newly detected constituents will continue.

Constituents that are not listed in the Permit Tables are occasionally detected and reported. These detects are discussed below. Additionally discussed below are nonroutine detections of constituents that are listed in the Permit Tables.

The field duplicate sample for vapor monitoring well VMW-5, 60-ft port has demonstrated the presence of several constituents during previous sampling events. Tetrahydrofuran, ethanol, propanol[2-] (isopropyl alcohol), and 2-butanone were first detected in a duplicate sample in CY2020, Quarter 1. The

Permit Tables list 2-butanone (methylethylketone), but do not list the other constituents. In CY2021, Quarter 3 the field duplicate again demonstrated a detection of ethanol, which is not a constituent of concern. CY2023, Quarter 4 results for the field duplicate indicated the presence of carbon disulfide and benzene. Both constituents are included in the Permit Tables. There were no field duplicate anomalies to report for the CY2025, Quarter 1 sampling event. However, the CY2025, Quarter 1 sampling event indicates the presence of tetrahydrofuran in VMW-5, 25-foot port for the first time, as discussed earlier. Tetrahydrofuran will continue to be analyzed for and reported on, if present.

Ethanol and propanol[2-] (isopropyl alcohol) have been detected at estimated (J-qualified) concentrations in vapor monitoring wells VMW-1, VMW-3, VMW-4, and VMW-5 in previous sampling events. Neither of these constituents are listed in the Permit Tables, so there are no associated Permit SGSLs for comparison. The constituents have been detected in the 5-ft ports of VMW-1 and VMW-3, and in the 60-ft ports of VMW-4 and VMW-5. In previous sampling events, propanol[2-] has additionally been detected in the 25-ft port of VMW-4. In CY2024, Quarter 2, ethanol was additionally detected in VMW-2. Ethanol and propanol[2-] were not detected this quarter in any of the monitoring wells. The presence of ethanol and propanol[2-] will continue to be monitored as part of routine sampling.

Monitoring wells VMW-4 and VMW-5 have detected bromodichloromethane in previous sampling events. Bromodichloromethane is not included as a constituent of concern in the Permit Tables, so the results cannot be compared to a SGSL; however, the results have been well below the report detection limit and estimated (J-qualified). Bromodichloromethane was detected again this quarter in VMW-5, in the 25-ft sampling port at a concentration of  $6.4 \mu\text{g}/\text{m}^3$  (J).

Low levels of hydrocarbon constituents such as xylenes, toluene, ethylbenzene, heptane, and hexane are occasionally detected in the vapor monitoring wells. The results are well below the SGSLs and are mostly estimated. These constituents are included in the Permit Tables. The analytical results for this quarter do not indicate the presence of these constituents.

## V Statistics

Statistics that focus on TCE, which is the primary soil vapor constituent detected during the TWF operating period, are calculated to analyze constituent concentrations and potential data trends. Table 4, *Statistical Analyses of TCE Results*, presents the mean and standard deviation for the TCE concentrations over time to determine whether the concentrations of TCE can be described statistically within a defined range.

To date, the detected TCE concentrations remain within three standard deviations of the mean concentration for each vapor monitoring well and sampling port. Therefore, the TCE concentration data appear to be in statistical control, which indicates that there are no significant deviations from the mean. This also indicates that TCE concentrations across all sampling quarters are relatively stable over time.

Figure 2, *Data plots for TA-63 TWF soil vapor monitoring wells inside the permitted unit*, and Figure 3, *Data plots for TA-63 TWF soil vapor monitoring wells outside the permitted unit*, present data plots of all of the quarters of TCE data for each well and port to evaluate whether any significant data trends over time are discernable. The trend line analyses for each well and port depth indicate minimal variation over time, suggesting relatively stable conditions in the measured environmental parameters. The complete data set for each well and port demonstrates a downward trendline based on data from 2017 to the present. The concentrations detected are also significantly below the permitted SGSLs for TCE (by at least one order of magnitude). Additionally, there does not appear to be a relationship between well results that would indicate seasonal variations.

## VI References

- LANL 2015. “TA-63 Transuranic Waste Facility Soil Vapor Monitoring System Report,” (ENV-DO-15-0305), October 29, 2015. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2017. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 1, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:17-560), December 21, 2017. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2018a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 2, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:18-139) of March 30, 2018. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2018b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 3, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:18-245) of June 28, 2018. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2018c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 4, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:18-349) of September 26, 2018. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2018d. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 5, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:18-448) of December 27, 2018. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2019a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 6, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:19-103) of April 4, 2019. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2019b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 7, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:19-203) of June 26, 2019. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2019c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 8, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:19-343) of September 30, 2019. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2020a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 9, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:19-467) of January 10, 2020. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2020b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Additional Information, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:20-121) of March 26, 2020. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2020c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 10, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:20-121) of March 30, 2020. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2020d. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 11, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:20-196) of June 30, 2020. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2020e. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 12, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:20-302) of October 2, 2020. Los Alamos National Laboratory, Los Alamos, New Mexico.

- LANL 2021a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 13, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO:20-417) of January 11, 2021. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2021b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 14, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO-21-135) of May 3, 2021. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2021c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 15, Los Alamos National Laboratory EPA ID# NM0890010515,” (EPC-DO-21-181) of June 28, 2021. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2021d. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, August 2021 (Quarter 16) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-21-295) of October 4, 2021. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2022a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, November 2021 (Quarter 17) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-21-404) of January 3, 2022. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2022b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, February 2022 (Quarter 18) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-22-093) of March 29, 2022. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2022c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, May 2022 (Quarter 19) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-22-169) of July 5, 2022. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2022d. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, July 2022 (Quarter 20) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-22-251) of September 26, 2022. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2022e. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, October 2022 (Quarter 21) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-22-342) of December 20, 2022. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2023a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, January 2023 (Quarter 22) Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-23-103) of March 27, 2023. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2023b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 2, April 2023, Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-23-183) of June 26, 2023. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2023c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 3, July 2023, Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-23-284) of September 25, 2023. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2023d. “15-Day Notification of Newly Detected Constituent in Vapor Monitoring Well, Technical Area 63, Transuranic Waste Facility,” (EPC-DO-23-377) of December 7, 2023. Los Alamos National Laboratory, Los Alamos, New Mexico.
- LANL 2023e. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2023, Quarter 4, November 2023, Los Alamos National Laboratory, EPA ID# NM0890010515,” (EPC-DO-23-379) of December 18, 2023. Los Alamos National Laboratory, Los Alamos, New Mexico.



- LANL 2024a. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2024, Quarter 1, January,” (EPC-DO-24-076) of March 28, 2024. Los Alamos National Laboratory, New Mexico.
- LANL 2024b. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2024, Quarter 2, April,” (EPC-DO-24-150) of June 13, 2024. Los Alamos National Laboratory, New Mexico.
- LANL 2024c. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report Calendar Year 2024, Quarter 3, July,” (EPC-DO-24-252) of September 25, 2024. Los Alamos National Laboratory, New Mexico.
- LANL 2024d. “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2024, Quarter 4, October,” (EPC-DO-24-346) of December 18, 2024. Los Alamos National Laboratory, New Mexico.
- LANL 2025a. “15-Day Notification of Newly Detected Constituent in Vapor Monitoring Well, Technical Area 63, Transuranic Waste Facility,” (EWP-25-006) of March 4, 2025. Los Alamos National Laboratory, New Mexico.
- NMED 2010. *Los Alamos National Laboratory Hazardous Waste Facility Permit*, issued by New Mexico Environment Department, Hazardous Waste Bureau, November 30, 2010, and subsequent revisions.
- NMED 2016. Letter: “Approval with Modifications Transuranic Waste Facility Soil Vapor Monitoring System Report, Los Alamos National Laboratory EPA ID# NM0890010515, HWB-LANL-15-058,” dated February 29, 2016. New Mexico Environment Department, Hazardous Waste Bureau, Santa Fe, New Mexico.
- NMED 2018. Letter: “Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 2, Los Alamos National Laboratory EPA ID# NM0890010515, HWB-LANL-18-016,” dated May 23, 2018. New Mexico Environment Department, Hazardous Waste Bureau, Santa Fe, New Mexico.
- NMED 2021. Letter: “Review Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 13, Los Alamos National Laboratory EPA ID# NM0890010515, HWB-LANL-18-016,” dated March 26, 2021. New Mexico Environment Department, Hazardous Waste Bureau, Santa Fe, New Mexico.
- NMED 2022. Letter: “Review Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, May 2022 (Quarter 19), Los Alamos National Laboratory EPA ID# NM0890010515, HWB-LANL-22-041,” dated August 29, 2022. New Mexico Environment Department, Hazardous Waste Bureau, Santa Fe, New Mexico.

[This page is intentionally blank.]



## **FIGURES AND TABLES**

[This page is intentionally blank.]

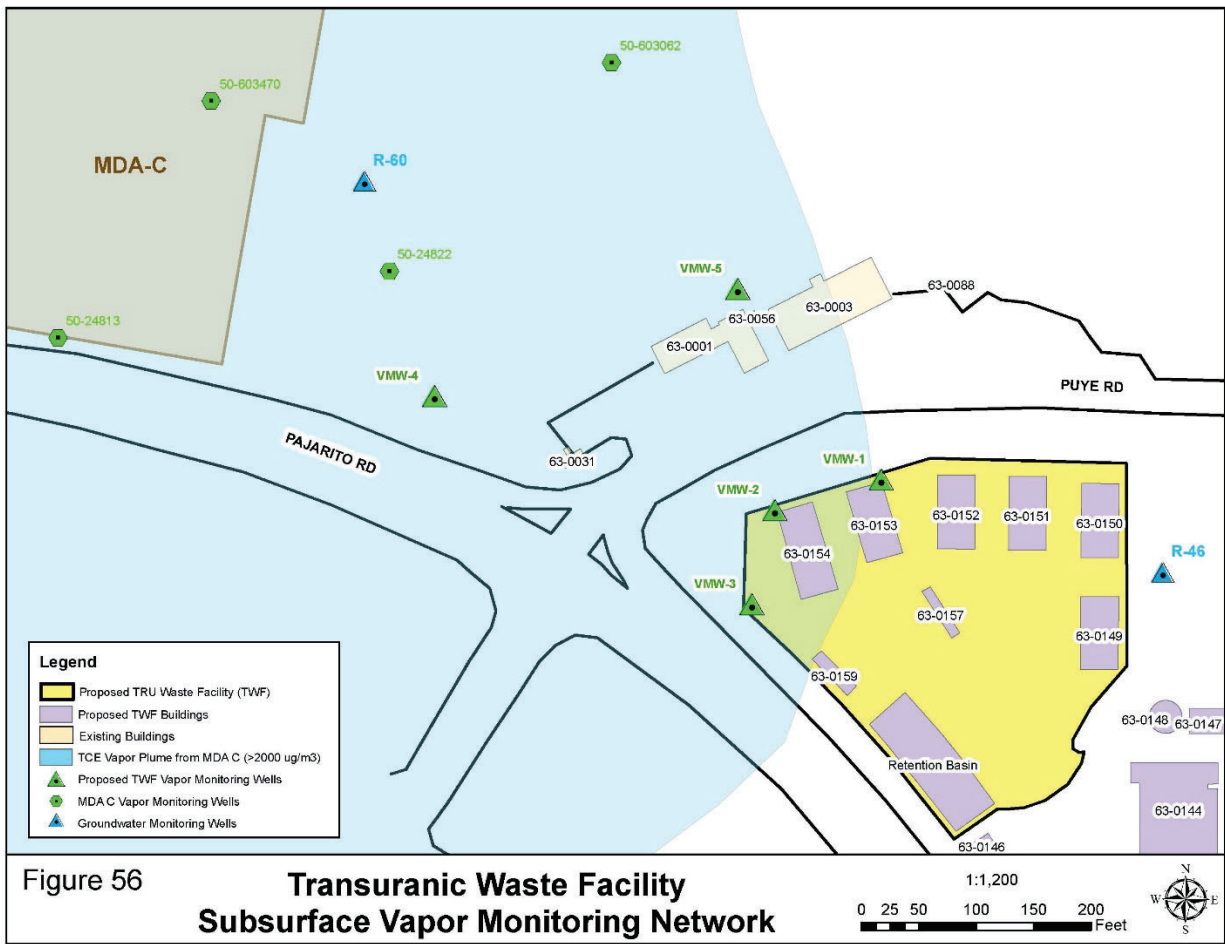


Figure 1. Soil vapor monitoring well locations at TA-63 TWF.

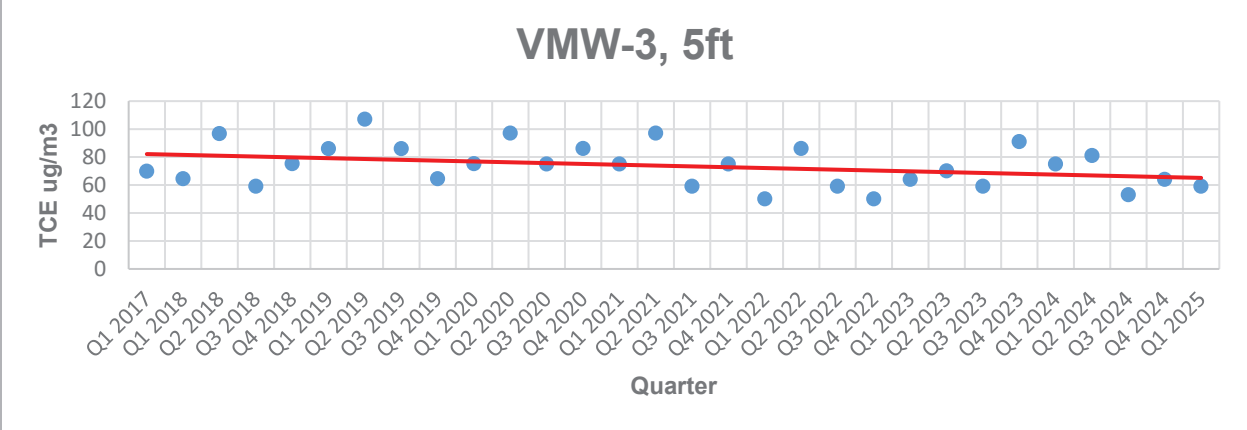
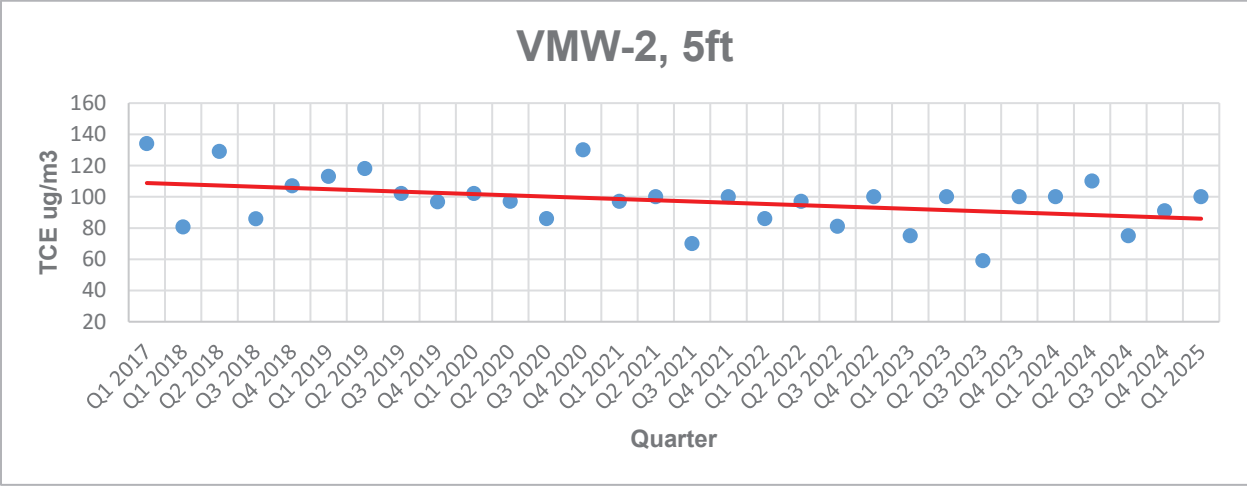
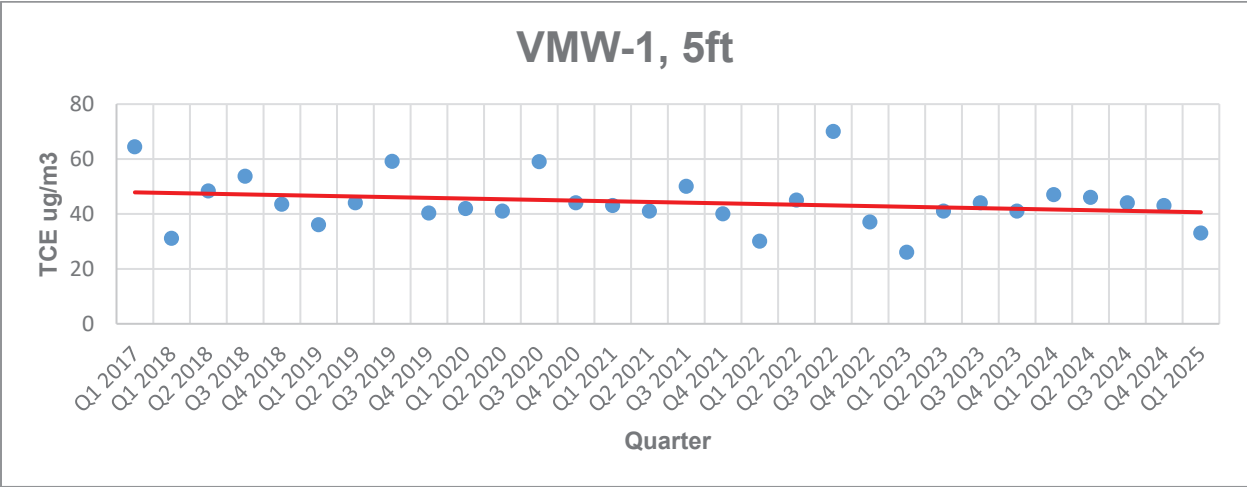


Figure 2. Data plots for TA-63 TWF soil vapor monitoring wells inside the permitted unit.

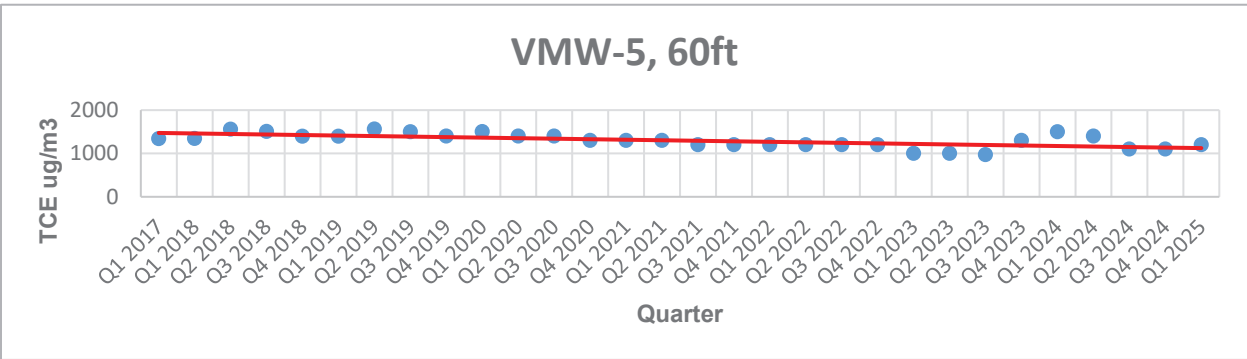
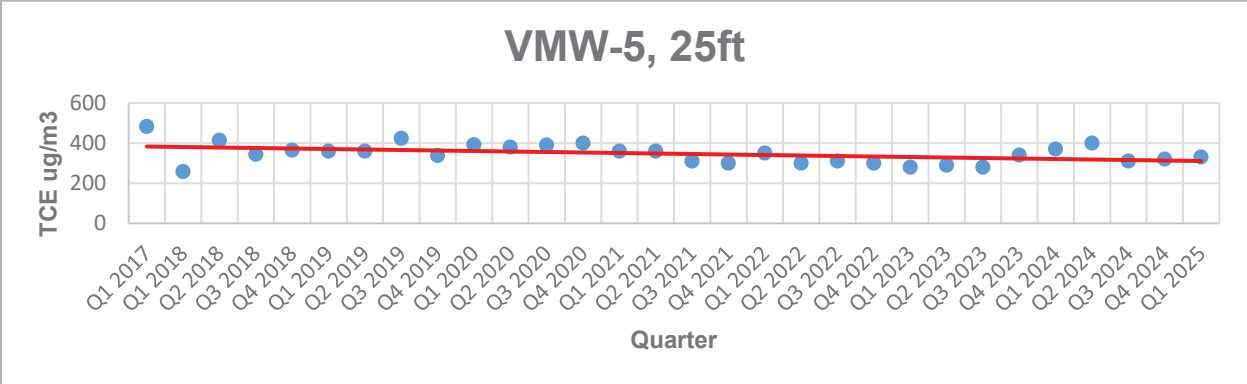
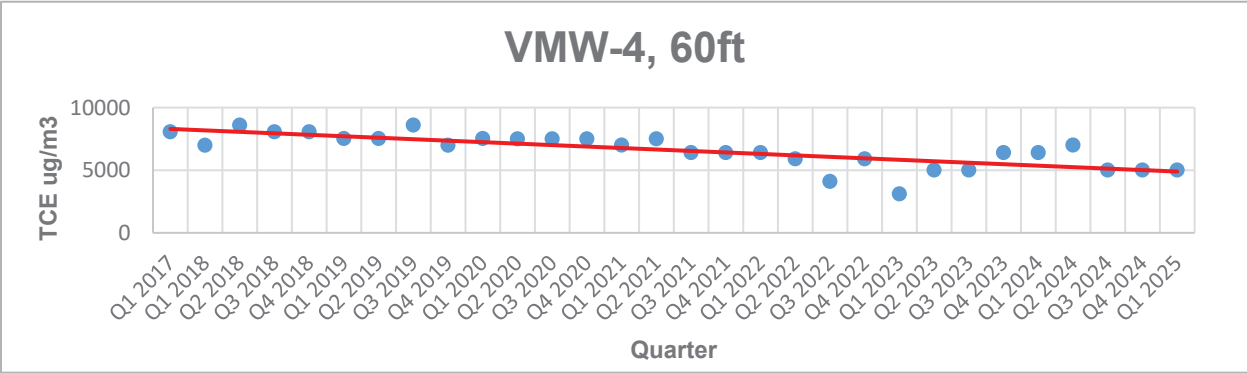
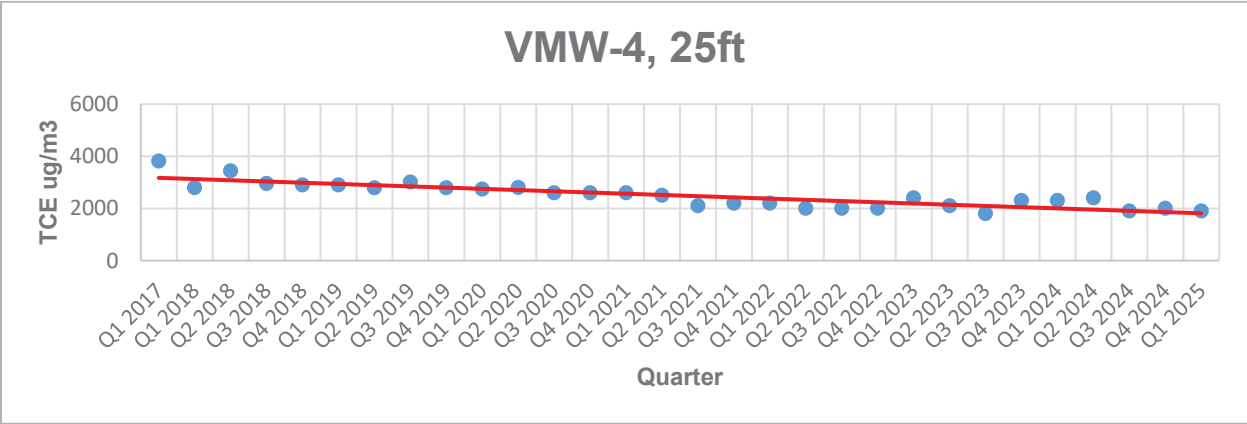


Figure 3. Data plots for TA-63 TWF soil vapor monitoring wells outside the permitted unit.

[This page is intentionally blank.]



Table 1. Detected Volatile Organic Compounds at TA-63 Transuranic Waste Facility – CY2025 Quarter 1

|                 | Field Sample ID | Port Depth      | Sample Purpose | Parameter Code/ CAS Number | Analyte Name    | Analyte Listing in Permit               | Report Result (µg/m3)                 | EPA Data Qualifier | Report Detection Limit (µg/m3) | SGSL (µg/m3) | % SGSL   |      |
|-----------------|-----------------|-----------------|----------------|----------------------------|-----------------|---|---------------------------------------|--------------------|--------------------------------|--------------|----------|------|
| VMW-1           | 63-2009         | TWF63-25-347250 | 5              | REG                        | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 33                 | J                              | 40           | 1.94E+04 | 0.2  |
| VMW-2           | 63-2010         | TWF63-25-347251 | 5              | REG                        | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 100                | NQ                             | 38           | 1.94E+04 | 0.5  |
| VMW-3           | 63-2011         | TWF63-25-347252 | 5              | REG                        | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 59                 | NQ                             | 39           | 1.94E+04 | 0.3  |
| VMW-4           | 63-2012         | TWF63-25-347253 | 25             | REG                        | 127-18-4        | Tetrachloroethene                       | Tetrachloroethylene                   | 31                 | J                              | 50           | 2.63E+06 | <0.1 |
|                 | 63-2012         | TWF63-25-347253 | 25             | REG                        | 56-23-5         | Carbon Tetrachloride                    | Carbon tetrachloride                  | 36                 | J                              | 47           | 1.06E+05 | <0.1 |
|                 | 63-2012         | TWF63-25-347253 | 25             | REG                        | 67-66-3         | Chloroform                              | Chloroform                            | 78                 | NQ                             | 36           | 2.30E+04 | 0.3  |
|                 | 63-2012         | TWF63-25-347253 | 25             | REG                        | 75-71-8         | Dichlorodifluoromethane                 | Dichlorodifluoromethane               | 54                 | NQ                             | 37           | 2.61E+06 | <0.1 |
|                 | 63-2012         | TWF63-25-347253 | 25             | REG                        | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 1900               | NQ                             | 40           | 1.57E+05 | 1.2  |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 127-18-4        | Tetrachloroethene                       | Tetrachloroethylene                   | 75                 | NQ                             | 49           | 2.05E+06 | <0.1 |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 156-59-2        | Dichloroethene[cis-1,2-]                | cis-1,2-Dichloroethylene              | 11                 | J                              | 29           | 2.91E+06 | <0.1 |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 56-23-5         | Carbon Tetrachloride                    | Carbon tetrachloride                  | 82                 | NQ                             | 45           | 2.13E+05 | <0.1 |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 67-66-3         | Chloroform                              | Chloroform                            | 170                | NQ                             | 35           | 4.44E+04 | 0.4  |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 71-55-6         | Trichloroethane[1,1,1-]                 | 1,1,1-Trichloroethane                 | 9.8                | J                              | 39           | 2.34E+08 | <0.1 |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 75-69-4         | Trichlorofluoromethane                  | Trichlorofluoromethane                | 5.1                | J                              | 40           | 3.01E+07 | <0.1 |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 75-71-8         | Dichlorodifluoromethane                 | Dichlorodifluoromethane               | 120                | NQ                             | 36           | 5.38E+06 | <0.1 |
|                 | 63-2012         | TWF63-25-347254 | 60             | REG                        | 76-13-1         | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1,1,2-Trichloro-1,2,2-trifluoroethane | 28                 | J                              | 55           | 1.38E+09 | <0.1 |
| 63-2012         | TWF63-25-347254 | 60              | REG            | 79-01-6                    | Trichloroethene | Trichloroethylene                       | 5000                                  | NQ                 | 39                             | 9.27E+04     | 5.4      |      |
| VMW-5           | 63-2013         | TWF63-25-347255 | 25             | REG                        | 109-99-9        | Tetrahydrofuran                         | N/A                                   | 11                 | J                              | 21           | N/A      | N/A  |
|                 | 63-2013         | TWF63-25-347255 | 25             | REG                        | 67-66-3         | Chloroform                              | Chloroform                            | 59                 | NQ                             | 35           | 2.30E+04 | 0.3  |
|                 | 63-2013         | TWF63-25-347255 | 25             | REG                        | 71-55-6         | Trichloroethane[1,1,1-]                 | 1,1,1-Trichloroethane                 | 15                 | J                              | 39           | 1.16E+08 | <0.1 |
|                 | 63-2013         | TWF63-25-347255 | 25             | REG                        | 75-27-4         | Bromodichloromethane                    | N/A                                   | 6.4                | J                              | 48           | N/A      | N/A  |
|                 | 63-2013         | TWF63-25-347255 | 25             | REG                        | 75-71-8         | Dichlorodifluoromethane                 | Dichlorodifluoromethane               | 40                 | NQ                             | 36           | 2.61E+06 | <0.1 |
|                 | 63-2013         | TWF63-25-347255 | 25             | REG                        | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 330                | NQ                             | 39           | 1.57E+05 | 0.2  |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 127-18-4        | Tetrachloroethene                       | Tetrachloroethylene                   | 10                 | J                              | 48           | 2.05E+06 | <0.1 |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 56-23-5         | Carbon Tetrachloride                    | Carbon tetrachloride                  | 8.8                | J                              | 45           | 2.13E+05 | <0.1 |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 67-66-3         | Chloroform                              | Chloroform                            | 28                 | J                              | 35           | 4.44E+04 | <0.1 |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 71-55-6         | Trichloroethane[1,1,1-]                 | 1,1,1-Trichloroethane                 | 27                 | J                              | 39           | 2.34E+08 | <0.1 |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 75-71-8         | Dichlorodifluoromethane                 | Dichlorodifluoromethane               | 59                 | NQ                             | 35           | 5.38E+06 | <0.1 |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 76-13-1         | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1,1,2-Trichloro-1,2,2-trifluoroethane | 11                 | J                              | 54           | 1.38E+09 | <0.1 |
|                 | 63-2013         | TWF63-25-347256 | 60             | REG                        | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 1200               | NQ                             | 38           | 9.27E+04 | 1.3  |
| Field Duplicate | 63-2013         | TWF63-25-347258 | 60             | FD                         | 67-66-3         | Chloroform                              | Chloroform                            | 26                 | J                              | 36           | 4.44E+04 | <0.1 |
|                 | 63-2013         | TWF63-25-347258 | 60             | FD                         | 71-55-6         | Trichloroethane[1,1,1-]                 | 1,1,1-Trichloroethane                 | 23                 | J                              | 40           | 2.34E+08 | <0.1 |
|                 | 63-2013         | TWF63-25-347258 | 60             | FD                         | 127-18-4        | Tetrachloroethene                       | Tetrachloroethylene                   | 11                 | J                              | 50           | 2.05E+06 | <0.1 |
|                 | 63-2013         | TWF63-25-347258 | 60             | FD                         | 56-23-5         | Carbon Tetrachloride                    | Carbon tetrachloride                  | 13                 | J                              | 47           | 2.13E+05 | <0.1 |
|                 | 63-2013         | TWF63-25-347258 | 60             | FD                         | 75-71-8         | Dichlorodifluoromethane                 | Dichlorodifluoromethane               | 54                 | NQ                             | 37           | 5.38E+06 | <0.1 |
|                 | 63-2013         | TWF63-25-347258 | 60             | FD                         | 79-01-6         | Trichloroethene                         | Trichloroethylene                     | 1200               | NQ                             | 40           | 9.27E+04 | 1.3  |

Notes: EPA Data Qualifiers "J" indicates analytes that are detected but results are estimated as less than the report detection limit and "NQ" indicates analytes that are detected above the report detection limit with no data qualifiers  
REG = regular sample  
FD = field duplicate  
FB = field blank  
SGSL = Soil Gas Screening Level from Permit Part 3, Tables 3.14.3.1 through 3.14.3.3  
N/A = not applicable

[This page is intentionally blank.]

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility – CY2025 Quarter 1

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-01-6        | Trichloroethene                          | 33                    | J                    | 11                                    | 40                             | Y        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-63-6        | Trimethylbenzene[1,2,4-]                 | 36                    | U                    | 4.3                                   | 36                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 98-82-8        | Isopropylbenzene                         | 36                    | U                    | 2.1                                   | 36                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | Xylene[m+p]    | Xylene[1,3-]+Xylene[1,4-]                | 32                    | U                    | 4.3                                   | 32                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-71-8        | Dichlorodifluoromethane                  | 37                    | U                    | 4                                     | 37                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 57                    | U                    | 10                                    | 57                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 52                    | U                    | 9.8                                   | 52                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 34                    | U                    | 7.9                                   | 34                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-93-3        | Butanone[2-]                             | 90                    | U                    | 13                                    | 90                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 40                    | U                    | 7.1                                   | 40                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 51                    | U                    | 5.6                                   | 51                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 87-68-3        | Hexachlorobutadiene                      | 300                   | U                    | 200                                   | 300                            | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-47-6        | Xylene[1,2-]                             | 32                    | U                    | 5.6                                   | 32                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-50-1        | Dichlorobenzene[1,2-]                    | 44                    | U                    | 7.8                                   | 44                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 100-41-4       | Ethylbenzene                             | 32                    | U                    | 4.2                                   | 32                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 100-42-5       | Styrene                                  | 32                    | U                    | 5.1                                   | 32                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 100-44-7       | Benzyl Chloride                          | 38                    | U                    | 4.6                                   | 38                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 10061-01-5     | Dichloropropene[cis-1,3-]                | 34                    | U                    | 6.8                                   | 34                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 10061-02-6     | Dichloropropene[trans-1,3-]              | 34                    | U                    | 4.2                                   | 34                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 103-65-1       | Propylbenzene[1-]                        | 36                    | U                    | 7.9                                   | 36                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 106-46-7       | Dichlorobenzene[1,4-]                    | 44                    | U                    | 4.1                                   | 44                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 106-93-4       | Dibromoethane[1,2-]                      | 57                    | U                    | 9.2                                   | 57                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-69-4        | Trichlorofluoromethane                   | 42                    | U                    | 4.4                                   | 42                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-64-1        | Acetone                                  | 70                    | U                    | 8.3                                   | 70                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-66-3        | Chloroform                               | 36                    | U                    | 3.3                                   | 36                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-43-2        | Benzene                                  | 24                    | U                    | 2.3                                   | 24                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-55-6        | Trichloroethane[1,1,1-]                  | 40                    | U                    | 5.3                                   | 40                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-83-9        | Bromomethane                             | 100                   | U                    | 43                                    | 100                            | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-87-3        | Chloromethane                            | 60                    | U                    | 12                                    | 60                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 64-17-5        | Ethanol                                  | 70                    | U                    | 26                                    | 70                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-63-0        | Propanol[2-]                             | 91                    | U                    | 12                                    | 91                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 540-84-1       | Isooctane                                | 35                    | U                    | 3.6                                   | 35                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 541-73-1       | Dichlorobenzene[1,3-]                    | 44                    | U                    | 7.2                                   | 44                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 56-23-5        | Carbon Tetrachloride                     | 47                    | U                    | 8.2                                   | 47                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 591-78-6       | Hexanone[2-]                             | 100                   | U                    | 29                                    | 100                            | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 622-96-8       | Ethyltoluene[4-]                         | 36                    | U                    | 4.4                                   | 36                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-00-3        | Chloroethane                             | 80                    | U                    | 19                                    | 80                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-01-4        | Vinyl Chloride                           | 19                    | U                    | 5.1                                   | 19                             | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-09-2        | Methylene Chloride                       | 100                   | U                    | 16                                    | 100                            | N        |
| 63-2009     | 5               | TWF63-25-347250 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-15-0        | Carbon Disulfide                         | 90                    | U                    | 10                                    | 90                             | N        |

| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code | Parameter Name              | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|----------------|-----------------------------|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-25-2        | Bromoform                   | 76                    | U                    | 9.2                                   | 76                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-27-4        | Bromodichloromethane        | 50                    | U                    | 5.2                                   | 50                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-34-3        | Dichloroethane[1,1-]        | 30                    | U                    | 3.5                                   | 30                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-35-4        | Dichloroethene[1,1-]        | 29                    | U                    | 5.2                                   | 29                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 109-99-9       | Tetrahydrofuran             | 22                    | U                    | 5                                     | 22                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-54-3       | Hexane                      | 26                    | U                    | 4.2                                   | 26                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-82-7       | Cyclohexane                 | 25                    | U                    | 5.2                                   | 25                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]    | 200                   | U                    | 120                                   | 200                            | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 123-91-1       | Dioxane[1,4-]               | 100                   | U                    | 24                                    | 100                            | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 124-48-1       | Chlorodibromomethane        | 63                    | U                    | 8.4                                   | 63                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 127-18-4       | Tetrachloroethene           | 50                    | U                    | 7.5                                   | 50                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 142-82-5       | n-Heptane                   | 30                    | U                    | 4.9                                   | 30                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]    | 29                    | U                    | 4                                     | 29                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]  | 29                    | U                    | 7.1                                   | 29                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 1634-04-4      | Methyl tert-Butyl Ether     | 27                    | U                    | 5                                     | 27                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0       | Butadiene[1,3-]             | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1       | Chloro-1-propene[3-]        | 90                    | U                    | 19                                    | 90                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2       | Dichloroethane[1,2-]        | 30                    | U                    | 8.9                                   | 30                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-10-1       | Methyl-2-pentanone[4-]      | 100                   | U                    | 32                                    | 100                            | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-67-8       | Trimethylbenzene[1,3,5-]    | 36                    | U                    | 5.9                                   | 36                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-88-3       | Toluene                     | 28                    | U                    | 3.8                                   | 28                             | N        |
| 63-2009        | 5               | TWF63-25-347250        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-90-7       | Chlorobenzene               | 34                    | U                    | 2                                     | 34                             | N        |
| <b>63-2010</b> | <b>5</b>        | <b>TWF63-25-347251</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>79-01-6</b> | <b>Trichloroethene</b>      | <b>100</b>            | <b>NQ</b>            | <b>10</b>                             | <b>38</b>                      | <b>Y</b> |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-41-4       | Ethylbenzene                | 31                    | U                    | 4                                     | 31                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-42-5       | Styrene                     | 30                    | U                    | 4.7                                   | 30                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-44-7       | Benzyl Chloride             | 37                    | U                    | 4.3                                   | 37                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-01-5     | Dichloropropene[cis-1,3-]   | 32                    | U                    | 6.4                                   | 32                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-02-6     | Dichloropropene[trans-1,3-] | 32                    | U                    | 4                                     | 32                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 103-65-1       | Propylbenzene[1-]           | 35                    | U                    | 7.4                                   | 35                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-46-7       | Dichlorobenzene[1,4-]       | 43                    | U                    | 3.9                                   | 43                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-93-4       | Dibromoethane[1,2-]         | 55                    | U                    | 9.2                                   | 55                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0       | Butadiene[1,3-]             | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1       | Chloro-1-propene[3-]        | 88                    | U                    | 18                                    | 88                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2       | Dichloroethane[1,2-]        | 29                    | U                    | 8.5                                   | 29                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-10-1       | Methyl-2-pentanone[4-]      | 110                   | U                    | 30                                    | 110                            | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-67-8       | Trimethylbenzene[1,3,5-]    | 35                    | U                    | 5.4                                   | 35                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-88-3       | Toluene                     | 27                    | U                    | 3.7                                   | 27                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-90-7       | Chlorobenzene               | 33                    | U                    | 2                                     | 33                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 109-99-9       | Tetrahydrofuran             | 21                    | U                    | 4.7                                   | 21                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-54-3       | Hexane                      | 25                    | U                    | 4.2                                   | 25                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-82-7       | Cyclohexane                 | 24                    | U                    | 4.8                                   | 24                             | N        |

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]                 | 210                   | U                    | 110                                   | 210                            | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 123-91-1       | Dioxane[1,4-]                            | 100                   | U                    | 23                                    | 100                            | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 124-48-1       | Chlorodibromomethane                     | 60                    | U                    | 8.1                                   | 60                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 127-18-4       | Tetrachloroethene                        | 48                    | U                    | 6.8                                   | 48                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 142-82-5       | n-Heptane                                | 29                    | U                    | 4.9                                   | 29                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]                 | 28                    | U                    | 4                                     | 28                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]               | 28                    | U                    | 6.7                                   | 28                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 1634-04-4      | Methyl tert-Butyl Ether                  | 26                    | U                    | 5                                     | 26                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 540-84-1       | Isooctane                                | 33                    | U                    | 3.5                                   | 33                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 541-73-1       | Dichlorobenzene[1,3-]                    | 43                    | U                    | 6.6                                   | 43                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 56-23-5        | Carbon Tetrachloride                     | 45                    | U                    | 7.5                                   | 45                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 591-78-6       | Hexanone[2-]                             | 110                   | U                    | 28                                    | 110                            | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 622-96-8       | Ethyltoluene[4-]                         | 35                    | U                    | 4.2                                   | 35                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 64-17-5        | Ethanol                                  | 68                    | U                    | 26                                    | 68                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-63-0        | Propanol[2-]                             | 88                    | U                    | 11                                    | 88                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-64-1        | Acetone                                  | 66                    | U                    | 7.8                                   | 66                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-66-3        | Chloroform                               | 35                    | U                    | 3.2                                   | 35                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-43-2        | Benzene                                  | 23                    | U                    | 2.2                                   | 23                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-55-6        | Trichloroethane[1,1,1-]                  | 39                    | U                    | 5.1                                   | 39                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-83-9        | Bromomethane                             | 110                   | U                    | 40                                    | 110                            | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-87-3        | Chloromethane                            | 58                    | U                    | 12                                    | 58                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-00-3        | Chloroethane                             | 74                    | U                    | 18                                    | 74                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-01-4        | Vinyl Chloride                           | 18                    | U                    | 4.9                                   | 18                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-09-2        | Methylene Chloride                       | 97                    | U                    | 16                                    | 97                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-15-0        | Carbon Disulfide                         | 87                    | U                    | 9.6                                   | 87                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-25-2        | Bromoform                                | 73                    | U                    | 8.9                                   | 73                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-27-4        | Bromodichloromethane                     | 48                    | U                    | 5                                     | 48                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-34-3        | Dichloroethane[1,1-]                     | 29                    | U                    | 3.4                                   | 29                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-35-4        | Dichloroethene[1,1-]                     | 28                    | U                    | 4.8                                   | 28                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-69-4        | Trichlorofluoromethane                   | 40                    | U                    | 4.2                                   | 40                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-71-8        | Dichlorodifluoromethane                  | 35                    | U                    | 3.8                                   | 35                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 54                    | U                    | 9.2                                   | 54                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 50                    | U                    | 9.8                                   | 50                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 33                    | U                    | 7.4                                   | 33                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-93-3        | Butanone[2-]                             | 83                    | U                    | 13                                    | 83                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 39                    | U                    | 6.5                                   | 39                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 49                    | U                    | 5.4                                   | 49                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 87-68-3        | Hexachlorobutadiene                      | 300                   | U                    | 190                                   | 300                            | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-47-6        | Xylene[1,2-]                             | 31                    | U                    | 5.6                                   | 31                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-50-1        | Dichlorobenzene[1,2-]                    | 43                    | U                    | 7.8                                   | 43                             | N        |
| 63-2010     | 5               | TWF63-25-347251 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-63-6        | Trimethylbenzene[1,2,4-]                 | 35                    | U                    | 4.1                                   | 35                             | N        |

| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 98-82-8        | Isopropylbenzene                         | 35                    | U                    | 2                                     | 35                             | N        |
| 63-2010        | 5               | TWF63-25-347251        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | Xylene[m+p]    | Xylene[1,3-]+Xylene[1,4-]                | 31                    | U                    | 4.1                                   | 31                             | N        |
| <b>63-2011</b> | <b>5</b>        | <b>TWF63-25-347252</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>79-01-6</b> | <b>Trichloroethene</b>                   | <b>59</b>             | <b>NQ</b>            | <b>10</b>                             | <b>39</b>                      | <b>Y</b> |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 50                    | U                    | 9.8                                   | 50                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 33                    | U                    | 7.4                                   | 33                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 78-93-3        | Butanone[2-]                             | 85                    | U                    | 13                                    | 85                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 39                    | U                    | 7.1                                   | 39                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 49                    | U                    | 5.5                                   | 49                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 87-68-3        | Hexachlorobutadiene                      | 310                   | U                    | 200                                   | 310                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-47-6        | Xylene[1,2-]                             | 31                    | U                    | 5.6                                   | 31                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-50-1        | Dichlorobenzene[1,2-]                    | 43                    | U                    | 7.8                                   | 43                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-63-6        | Trimethylbenzene[1,2,4-]                 | 35                    | U                    | 4.2                                   | 35                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 98-82-8        | Isopropylbenzene                         | 35                    | U                    | 2                                     | 35                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-41-4       | Ethylbenzene                             | 31                    | U                    | 4.1                                   | 31                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-42-5       | Styrene                                  | 31                    | U                    | 5.1                                   | 31                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-44-7       | Benzyl Chloride                          | 37                    | U                    | 4.4                                   | 37                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-01-5     | Dichloropropene[cis-1,3-]                | 33                    | U                    | 6.8                                   | 33                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-02-6     | Dichloropropene[trans-1,3-]              | 33                    | U                    | 4.1                                   | 33                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 103-65-1       | Propylbenzene[1-]                        | 35                    | U                    | 7.9                                   | 35                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-46-7       | Dichlorobenzene[1,4-]                    | 43                    | U                    | 4                                     | 43                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-93-4       | Dibromoethane[1,2-]                      | 55                    | U                    | 9.2                                   | 55                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0       | Butadiene[1,3-]                          | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1       | Chloro-1-propene[3-]                     | 91                    | U                    | 19                                    | 91                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-71-8        | Dichlorodifluoromethane                  | 36                    | U                    | 3.9                                   | 36                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 55                    | U                    | 10                                    | 55                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2       | Dichloroethane[1,2-]                     | 29                    | U                    | 8.5                                   | 29                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-10-1       | Methyl-2-pentanone[4-]                   | 120                   | U                    | 31                                    | 120                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-67-8       | Trimethylbenzene[1,3,5-]                 | 35                    | U                    | 5.9                                   | 35                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-88-3       | Toluene                                  | 27                    | U                    | 3.7                                   | 27                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-90-7       | Chlorobenzene                            | 33                    | U                    | 2                                     | 33                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 109-99-9       | Tetrahydrofuran                          | 21                    | U                    | 4.7                                   | 21                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-54-3       | Hexane                                   | 25                    | U                    | 4.2                                   | 25                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-82-7       | Cyclohexane                              | 25                    | U                    | 5.2                                   | 25                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]                 | 220                   | U                    | 120                                   | 220                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 123-91-1       | Dioxane[1,4-]                            | 100                   | U                    | 23                                    | 100                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 124-48-1       | Chlorodibromomethane                     | 61                    | U                    | 8.3                                   | 61                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 127-18-4       | Tetrachloroethene                        | 49                    | U                    | 6.8                                   | 49                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 142-82-5       | n-Heptane                                | 29                    | U                    | 4.9                                   | 29                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]                 | 29                    | U                    | 4                                     | 29                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]               | 29                    | U                    | 6.7                                   | 29                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 1634-04-4      | Methyl tert-Butyl Ether                  | 26                    | U                    | 5                                     | 26                             | N        |

| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code  | Parameter Name                 | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|-----------------|--------------------------------|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 540-84-1        | Isooctane                      | 34                    | U                    | 3.6                                   | 34                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 541-73-1        | Dichlorobenzene[1,3-]          | 43                    | U                    | 7.2                                   | 43                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 56-23-5         | Carbon Tetrachloride           | 45                    | U                    | 8.2                                   | 45                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 591-78-6        | Hexanone[2-]                   | 120                   | U                    | 29                                    | 120                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 622-96-8        | Ethyltoluene[4-]               | 35                    | U                    | 4.3                                   | 35                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 64-17-5         | Ethanol                        | 68                    | U                    | 26                                    | 68                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-63-0         | Propanol[2-]                   | 88                    | U                    | 11                                    | 88                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-64-1         | Acetone                        | 69                    | U                    | 8.1                                   | 69                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-66-3         | Chloroform                     | 35                    | U                    | 3.2                                   | 35                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 71-43-2         | Benzene                        | 23                    | U                    | 2.3                                   | 23                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 71-55-6         | Trichloroethane[1,1,1-]        | 39                    | U                    | 5.2                                   | 39                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 74-83-9         | Bromomethane                   | 110                   | U                    | 43                                    | 110                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 74-87-3         | Chloromethane                  | 60                    | U                    | 12                                    | 60                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-00-3         | Chloroethane                   | 76                    | U                    | 19                                    | 76                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-01-4         | Vinyl Chloride                 | 18                    | U                    | 5.1                                   | 18                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-09-2         | Methylene Chloride             | 100                   | U                    | 16                                    | 100                            | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-15-0         | Carbon Disulfide               | 90                    | U                    | 9.6                                   | 90                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-25-2         | Bromoform                      | 74                    | U                    | 9.1                                   | 74                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-27-4         | Bromodichloromethane           | 48                    | U                    | 5.1                                   | 48                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-34-3         | Dichloroethane[1,1-]           | 29                    | U                    | 3.5                                   | 29                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-35-4         | Dichloroethene[1,1-]           | 29                    | U                    | 5.2                                   | 29                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-69-4         | Trichlorofluoromethane         | 40                    | U                    | 4.3                                   | 40                             | N        |
| 63-2011        | 5               | TWF63-25-347252        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | Xylene[m+p]     | Xylene[1,3-]+Xylene[1,4-]      | 31                    | U                    | 4.2                                   | 31                             | N        |
| <b>63-2012</b> | <b>25</b>       | <b>TWF63-25-347253</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>127-18-4</b> | <b>Tetrachloroethene</b>       | <b>31</b>             | <b>J</b>             | <b>7.5</b>                            | <b>50</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>25</b>       | <b>TWF63-25-347253</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>56-23-5</b>  | <b>Carbon Tetrachloride</b>    | <b>36</b>             | <b>J</b>             | <b>8.2</b>                            | <b>47</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>25</b>       | <b>TWF63-25-347253</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>67-66-3</b>  | <b>Chloroform</b>              | <b>78</b>             | <b>NQ</b>            | <b>3.3</b>                            | <b>36</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>25</b>       | <b>TWF63-25-347253</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>75-71-8</b>  | <b>Dichlorodifluoromethane</b> | <b>54</b>             | <b>NQ</b>            | <b>4</b>                              | <b>37</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>25</b>       | <b>TWF63-25-347253</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>79-01-6</b>  | <b>Trichloroethene</b>         | <b>1900</b>           | <b>NQ</b>            | <b>11</b>                             | <b>40</b>                      | <b>Y</b> |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-41-4        | Ethylbenzene                   | 32                    | U                    | 4.2                                   | 32                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-42-5        | Styrene                        | 32                    | U                    | 5.1                                   | 32                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-44-7        | Benzyl Chloride                | 38                    | U                    | 4.6                                   | 38                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-01-5      | Dichloropropene[cis-1,3-]      | 34                    | U                    | 6.8                                   | 34                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-02-6      | Dichloropropene[trans-1,3-]    | 34                    | U                    | 4.2                                   | 34                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 103-65-1        | Propylbenzene[1-]              | 36                    | U                    | 7.9                                   | 36                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-46-7        | Dichlorobenzene[1,4-]          | 44                    | U                    | 4.1                                   | 44                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-93-4        | Dibromoethane[1,2-]            | 57                    | U                    | 9.2                                   | 57                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0        | Butadiene[1,3-]                | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1        | Chloro-1-propene[3-]           | 90                    | U                    | 19                                    | 90                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2        | Dichloroethane[1,2-]           | 30                    | U                    | 8.9                                   | 30                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-10-1        | Methyl-2-pentanone[4-]         | 100                   | U                    | 32                                    | 100                            | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-67-8        | Trimethylbenzene[1,3,5-]       | 36                    | U                    | 5.9                                   | 36                             | N        |

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 108-88-3       | Toluene                                  | 28                    | U                    | 3.8                                   | 28                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 108-90-7       | Chlorobenzene                            | 34                    | U                    | 2                                     | 34                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 109-99-9       | Tetrahydrofuran                          | 22                    | U                    | 5                                     | 22                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 110-54-3       | Hexane                                   | 26                    | U                    | 4.2                                   | 26                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 110-82-7       | Cyclohexane                              | 25                    | U                    | 5.2                                   | 25                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]                 | 200                   | U                    | 120                                   | 200                            | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 123-91-1       | Dioxane[1,4-]                            | 100                   | U                    | 24                                    | 100                            | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 124-48-1       | Chlorodibromomethane                     | 63                    | U                    | 8.4                                   | 63                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 142-82-5       | n-Heptane                                | 30                    | U                    | 4.9                                   | 30                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]                 | 29                    | U                    | 4                                     | 29                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]               | 29                    | U                    | 7.1                                   | 29                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 1634-04-4      | Methyl tert-Butyl Ether                  | 27                    | U                    | 5                                     | 27                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 540-84-1       | Isooctane                                | 35                    | U                    | 3.6                                   | 35                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 541-73-1       | Dichlorobenzene[1,3-]                    | 44                    | U                    | 7.2                                   | 44                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 591-78-6       | Hexanone[2-]                             | 100                   | U                    | 29                                    | 100                            | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 622-96-8       | Ethyltoluene[4-]                         | 36                    | U                    | 4.4                                   | 36                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 64-17-5        | Ethanol                                  | 70                    | U                    | 26                                    | 70                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-63-0        | Propanol[2-]                             | 91                    | U                    | 12                                    | 91                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-64-1        | Acetone                                  | 70                    | U                    | 8.3                                   | 70                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-43-2        | Benzene                                  | 24                    | U                    | 2.3                                   | 24                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-55-6        | Trichloroethane[1,1,1-]                  | 40                    | U                    | 5.3                                   | 40                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-83-9        | Bromomethane                             | 100                   | U                    | 43                                    | 100                            | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-87-3        | Chloromethane                            | 60                    | U                    | 12                                    | 60                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-00-3        | Chloroethane                             | 80                    | U                    | 19                                    | 80                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-01-4        | Vinyl Chloride                           | 19                    | U                    | 5.1                                   | 19                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-09-2        | Methylene Chloride                       | 100                   | U                    | 16                                    | 100                            | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-15-0        | Carbon Disulfide                         | 90                    | U                    | 10                                    | 90                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-25-2        | Bromoform                                | 76                    | U                    | 9.2                                   | 76                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-27-4        | Bromodichloromethane                     | 50                    | U                    | 5.2                                   | 50                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-34-3        | Dichloroethane[1,1-]                     | 30                    | U                    | 3.5                                   | 30                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-35-4        | Dichloroethene[1,1-]                     | 29                    | U                    | 5.2                                   | 29                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-69-4        | Trichlorofluoromethane                   | 42                    | U                    | 4.4                                   | 42                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 57                    | U                    | 10                                    | 57                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 52                    | U                    | 9.8                                   | 52                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 34                    | U                    | 7.9                                   | 34                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-93-3        | Butanone[2-]                             | 90                    | U                    | 13                                    | 90                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 40                    | U                    | 7.1                                   | 40                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 51                    | U                    | 5.6                                   | 51                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 87-68-3        | Hexachlorobutadiene                      | 300                   | U                    | 200                                   | 300                            | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-47-6        | Xylene[1,2-]                             | 32                    | U                    | 5.6                                   | 32                             | N        |
| 63-2012     | 25              | TWF63-25-347253 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-50-1        | Dichlorobenzene[1,2-]                    | 44                    | U                    | 7.8                                   | 44                             | N        |



| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code  | Parameter Name                                 | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|-----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-63-6         | Trimethylbenzene[1,2,4-]                       | 36                    | U                    | 4.3                                   | 36                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 98-82-8         | Isopropylbenzene                               | 36                    | U                    | 2.1                                   | 36                             | N        |
| 63-2012        | 25              | TWF63-25-347253        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | Xylene[m+p]     | Xylene[1,3-]+Xylene[1,4-]                      | 32                    | U                    | 4.3                                   | 32                             | N        |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>127-18-4</b> | <b>Tetrachloroethene</b>                       | <b>75</b>             | <b>NQ</b>            | <b>6.8</b>                            | <b>49</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>156-59-2</b> | <b>Dichloroethene[cis-1,2-]</b>                | <b>11</b>             | <b>J</b>             | <b>4</b>                              | <b>29</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>56-23-5</b>  | <b>Carbon Tetrachloride</b>                    | <b>82</b>             | <b>NQ</b>            | <b>8.2</b>                            | <b>45</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>67-66-3</b>  | <b>Chloroform</b>                              | <b>170</b>            | <b>NQ</b>            | <b>3.2</b>                            | <b>35</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>71-55-6</b>  | <b>Trichloroethane[1,1,1-]</b>                 | <b>9.8</b>            | <b>J</b>             | <b>5.2</b>                            | <b>39</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>75-69-4</b>  | <b>Trichlorofluoromethane</b>                  | <b>5.1</b>            | <b>J</b>             | <b>4.3</b>                            | <b>40</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>75-71-8</b>  | <b>Dichlorodifluoromethane</b>                 | <b>120</b>            | <b>NQ</b>            | <b>3.9</b>                            | <b>36</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>76-13-1</b>  | <b>Trichloro-1,2,2-trifluoroethane[1,1,2-]</b> | <b>28</b>             | <b>J</b>             | <b>10</b>                             | <b>55</b>                      | <b>Y</b> |
| <b>63-2012</b> | <b>60</b>       | <b>TWF63-25-347254</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>79-01-6</b>  | <b>Trichloroethene</b>                         | <b>5000</b>           | <b>NQ</b>            | <b>10</b>                             | <b>39</b>                      | <b>Y</b> |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-01-4         | Vinyl Chloride                                 | 18                    | U                    | 5.1                                   | 18                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-09-2         | Methylene Chloride                             | 100                   | U                    | 16                                    | 100                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-15-0         | Carbon Disulfide                               | 90                    | U                    | 9.6                                   | 90                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-25-2         | Bromoform                                      | 74                    | U                    | 9.1                                   | 74                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-27-4         | Bromodichloromethane                           | 48                    | U                    | 5.1                                   | 48                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-41-4        | Ethylbenzene                                   | 31                    | U                    | 4.1                                   | 31                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-42-5        | Styrene  | 31                    | U                    | 5.1                                   | 31                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-44-7        | Benzyl Chloride                                | 37                    | U                    | 4.4                                   | 37                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-01-5      | Dichloropropene[cis-1,3-]                      | 33                    | U                    | 6.8                                   | 33                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-02-6      | Dichloropropene[trans-1,3-]                    | 33                    | U                    | 4.1                                   | 33                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 103-65-1        | Propylbenzene[1-]                              | 35                    | U                    | 7.9                                   | 35                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-46-7        | Dichlorobenzene[1,4-]                          | 43                    | U                    | 4                                     | 43                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-93-4        | Dibromoethane[1,2-]                            | 55                    | U                    | 9.2                                   | 55                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0        | Butadiene[1,3-]                                | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1        | Chloro-1-propene[3-]                           | 91                    | U                    | 19                                    | 91                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2        | Dichloroethane[1,2-]                           | 29                    | U                    | 8.5                                   | 29                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-10-1        | Methyl-2-pentanone[4-]                         | 120                   | U                    | 31                                    | 120                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-67-8        | Trimethylbenzene[1,3,5-]                       | 35                    | U                    | 5.9                                   | 35                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-88-3        | Toluene  | 27                    | U                    | 3.7                                   | 27                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-90-7        | Chlorobenzene                                  | 33                    | U                    | 2                                     | 33                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 109-99-9        | Tetrahydrofuran                                | 21                    | U                    | 4.7                                   | 21                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-54-3        | Hexane   | 25                    | U                    | 4.2                                   | 25                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-82-7        | Cyclohexane                                    | 25                    | U                    | 5.2                                   | 25                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 120-82-1        | Trichlorobenzene[1,2,4-]                       | 220                   | U                    | 120                                   | 220                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 74-83-9         | Bromomethane                                   | 110                   | U                    | 43                                    | 110                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 74-87-3         | Chloromethane                                  | 60                    | U                    | 12                                    | 60                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-00-3         | Chloroethane                                   | 76                    | U                    | 19                                    | 76                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 123-91-1        | Dioxane[1,4-]                                  | 100                   | U                    | 23                                    | 100                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 124-48-1        | Chlorodibromomethane                           | 61                    | U                    | 8.3                                   | 61                             | N        |

| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code  | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|-----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 142-82-5        | n-Heptane                                | 29                    | U                    | 4.9                                   | 29                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-60-5        | Dichloroethene[trans-1,2-]               | 29                    | U                    | 6.7                                   | 29                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 1634-04-4       | Methyl tert-Butyl Ether                  | 26                    | U                    | 5                                     | 26                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 540-84-1        | Isooctane                                | 34                    | U                    | 3.6                                   | 34                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 541-73-1        | Dichlorobenzene[1,3-]                    | 43                    | U                    | 7.2                                   | 43                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 591-78-6        | Hexanone[2-]                             | 120                   | U                    | 29                                    | 120                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 622-96-8        | Ethyltoluene[4-]                         | 35                    | U                    | 4.3                                   | 35                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 64-17-5         | Ethanol                                  | 68                    | U                    | 26                                    | 68                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-63-0         | Propanol[2-]                             | 88                    | U                    | 11                                    | 88                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-64-1         | Acetone                                  | 69                    | U                    | 8.1                                   | 69                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 71-43-2         | Benzene                                  | 23                    | U                    | 2.3                                   | 23                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-34-3         | Dichloroethane[1,1-]                     | 29                    | U                    | 3.5                                   | 29                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-35-4         | Dichloroethene[1,1-]                     | 29                    | U                    | 5.2                                   | 29                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 76-14-2         | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 50                    | U                    | 9.8                                   | 50                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 78-87-5         | Dichloropropane[1,2-]                    | 33                    | U                    | 7.4                                   | 33                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 78-93-3         | Butanone[2-]                             | 85                    | U                    | 13                                    | 85                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 79-00-5         | Trichloroethane[1,1,2-]                  | 39                    | U                    | 7.1                                   | 39                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 79-34-5         | Tetrachloroethane[1,1,2,2-]              | 49                    | U                    | 5.5                                   | 49                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 87-68-3         | Hexachlorobutadiene                      | 310                   | U                    | 200                                   | 310                            | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-47-6         | Xylene[1,2-]                             | 31                    | U                    | 5.6                                   | 31                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-50-1         | Dichlorobenzene[1,2-]                    | 43                    | U                    | 7.8                                   | 43                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-63-6         | Trimethylbenzene[1,2,4-]                 | 35                    | U                    | 4.2                                   | 35                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 98-82-8         | Isopropylbenzene                         | 35                    | U                    | 2                                     | 35                             | N        |
| 63-2012        | 60              | TWF63-25-347254        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | Xylene[m+p]     | Xylene[1,3-]+Xylene[1,4-]                | 31                    | U                    | 4.2                                   | 31                             | N        |
| <b>63-2013</b> | <b>25</b>       | <b>TWF63-25-347255</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>109-99-9</b> | <b>Tetrahydrofuran</b>                   | <b>11</b>             | <b>J</b>             | <b>4.7</b>                            | <b>21</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>25</b>       | <b>TWF63-25-347255</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>67-66-3</b>  | <b>Chloroform</b>                        | <b>59</b>             | <b>NQ</b>            | <b>3.2</b>                            | <b>35</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>25</b>       | <b>TWF63-25-347255</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>71-55-6</b>  | <b>Trichloroethane[1,1,1-]</b>           | <b>15</b>             | <b>J</b>             | <b>5.2</b>                            | <b>39</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>25</b>       | <b>TWF63-25-347255</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>75-27-4</b>  | <b>Bromodichloromethane</b>              | <b>6.4</b>            | <b>J</b>             | <b>5.1</b>                            | <b>48</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>25</b>       | <b>TWF63-25-347255</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>75-71-8</b>  | <b>Dichlorodifluoromethane</b>           | <b>40</b>             | <b>NQ</b>            | <b>3.9</b>                            | <b>36</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>25</b>       | <b>TWF63-25-347255</b> | <b>1/29/2025</b> | <b>2/4/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>79-01-6</b>  | <b>Trichloroethene</b>                   | <b>330</b>            | <b>NQ</b>            | <b>10</b>                             | <b>39</b>                      | <b>Y</b> |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-41-4        | Ethylbenzene                             | 31                    | U                    | 4.1                                   | 31                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-42-5        | Styrene                                  | 31                    | U                    | 5.1                                   | 31                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-44-7        | Benzyl Chloride                          | 37                    | U                    | 4.4                                   | 37                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-01-5      | Dichloropropene[cis-1,3-]                | 33                    | U                    | 6.8                                   | 33                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-02-6      | Dichloropropene[trans-1,3-]              | 33                    | U                    | 4.1                                   | 33                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 103-65-1        | Propylbenzene[1-]                        | 35                    | U                    | 7.9                                   | 35                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-46-7        | Dichlorobenzene[1,4-]                    | 43                    | U                    | 4                                     | 43                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-93-4        | Dibromoethane[1,2-]                      | 55                    | U                    | 9.2                                   | 55                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0        | Butadiene[1,3-]                          | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1        | Chloro-1-propene[3-]                     | 91                    | U                    | 19                                    | 91                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2        | Dichloroethane[1,2-]                     | 29                    | U                    | 8.5                                   | 29                             | N        |

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 108-10-1       | Methyl-2-pentanone[4-]                   | 120                   | U                    | 31                                    | 120                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 108-67-8       | Trimethylbenzene[1,3,5-]                 | 35                    | U                    | 5.9                                   | 35                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 108-88-3       | Toluene                                  | 27                    | U                    | 3.7                                   | 27                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 108-90-7       | Chlorobenzene                            | 33                    | U                    | 2                                     | 33                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 110-54-3       | Hexane                                   | 25                    | U                    | 4.2                                   | 25                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 110-82-7       | Cyclohexane                              | 25                    | U                    | 5.2                                   | 25                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]                 | 220                   | U                    | 120                                   | 220                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 123-91-1       | Dioxane[1,4-]                            | 100                   | U                    | 23                                    | 100                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 124-48-1       | Chlorodibromomethane                     | 61                    | U                    | 8.3                                   | 61                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 127-18-4       | Tetrachloroethene                        | 49                    | U                    | 6.8                                   | 49                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 142-82-5       | n-Heptane                                | 29                    | U                    | 4.9                                   | 29                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]                 | 29                    | U                    | 4                                     | 29                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]               | 29                    | U                    | 6.7                                   | 29                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 1634-04-4      | Methyl tert-Butyl Ether                  | 26                    | U                    | 5                                     | 26                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 540-84-1       | Isooctane                                | 34                    | U                    | 3.6                                   | 34                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 541-73-1       | Dichlorobenzene[1,3-]                    | 43                    | U                    | 7.2                                   | 43                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 56-23-5        | Carbon Tetrachloride                     | 45                    | U                    | 8.2                                   | 45                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 591-78-6       | Hexanone[2-]                             | 120                   | U                    | 29                                    | 120                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 622-96-8       | Ethyltoluene[4-]                         | 35                    | U                    | 4.3                                   | 35                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 64-17-5        | Ethanol                                  | 68                    | U                    | 26                                    | 68                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-63-0        | Propanol[2-]                             | 88                    | U                    | 11                                    | 88                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 67-64-1        | Acetone                                  | 69                    | U                    | 8.1                                   | 69                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 71-43-2        | Benzene                                  | 23                    | U                    | 2.3                                   | 23                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-83-9        | Bromomethane                             | 110                   | U                    | 43                                    | 110                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 74-87-3        | Chloromethane                            | 60                    | U                    | 12                                    | 60                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-00-3        | Chloroethane                             | 76                    | U                    | 19                                    | 76                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-01-4        | Vinyl Chloride                           | 18                    | U                    | 5.1                                   | 18                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-09-2        | Methylene Chloride                       | 100                   | U                    | 16                                    | 100                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-15-0        | Carbon Disulfide                         | 90                    | U                    | 9.6                                   | 90                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-25-2        | Bromoform                                | 74                    | U                    | 9.1                                   | 74                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-34-3        | Dichloroethane[1,1-]                     | 29                    | U                    | 3.5                                   | 29                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-35-4        | Dichloroethene[1,1-]                     | 29                    | U                    | 5.2                                   | 29                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 75-69-4        | Trichlorofluoromethane                   | 40                    | U                    | 4.3                                   | 40                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 55                    | U                    | 10                                    | 55                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 50                    | U                    | 9.8                                   | 50                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 33                    | U                    | 7.4                                   | 33                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 78-93-3        | Butanone[2-]                             | 85                    | U                    | 13                                    | 85                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 39                    | U                    | 7.1                                   | 39                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 49                    | U                    | 5.5                                   | 49                             | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 87-68-3        | Hexachlorobutadiene                      | 310                   | U                    | 200                                   | 310                            | N        |
| 63-2013     | 25              | TWF63-25-347255 | 1/29/2025   | 2/4/2025      | VOC             | EPA:TO15   | REG            | GAS         | 95-47-6        | Xylene[1,2-]                             | 31                    | U                    | 5.6                                   | 31                             | N        |

| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code  | Parameter Name                                 | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|-----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-50-1         | Dichlorobenzene[1,2-]                          | 43                    | U                    | 7.8                                   | 43                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-63-6         | Trimethylbenzene[1,2,4-]                       | 35                    | U                    | 4.2                                   | 35                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | 98-82-8         | Isopropylbenzene                               | 35                    | U                    | 2                                     | 35                             | N        |
| 63-2013        | 25              | TWF63-25-347255        | 1/29/2025        | 2/4/2025        | VOC             | EPA:TO15        | REG            | GAS         | Xylene[m+p]     | Xylene[1,3-]+Xylene[1,4-]                      | 31                    | U                    | 4.2                                   | 31                             | N        |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>127-18-4</b> | <b>Tetrachloroethene</b>                       | <b>10</b>             | <b>J</b>             | <b>6.8</b>                            | <b>48</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>56-23-5</b>  | <b>Carbon Tetrachloride</b>                    | <b>8.8</b>            | <b>J</b>             | <b>7.5</b>                            | <b>45</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>67-66-3</b>  | <b>Chloroform</b>                              | <b>28</b>             | <b>J</b>             | <b>3.2</b>                            | <b>35</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>71-55-6</b>  | <b>Trichloroethane[1,1,1-]</b>                 | <b>27</b>             | <b>J</b>             | <b>5.1</b>                            | <b>39</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>75-71-8</b>  | <b>Dichlorodifluoromethane</b>                 | <b>59</b>             | <b>NQ</b>            | <b>3.8</b>                            | <b>35</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>76-13-1</b>  | <b>Trichloro-1,2,2-trifluoroethane[1,1,2-]</b> | <b>11</b>             | <b>J</b>             | <b>9.2</b>                            | <b>54</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347256</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>REG</b>     | <b>GAS</b>  | <b>79-01-6</b>  | <b>Trichloroethene</b>                         | <b>1200</b>           | <b>NQ</b>            | <b>10</b>                             | <b>38</b>                      | <b>Y</b> |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-41-4        | Ethylbenzene                                   | 31                    | U                    | 4                                     | 31                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-42-5        | Styrene  | 30                    | U                    | 4.7                                   | 30                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 100-44-7        | Benzyl Chloride                                | 37                    | U                    | 4.3                                   | 37                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-01-5      | Dichloropropene[cis-1,3-]                      | 32                    | U                    | 6.4                                   | 32                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 10061-02-6      | Dichloropropene[trans-1,3-]                    | 32                    | U                    | 4                                     | 32                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 103-65-1        | Propylbenzene[1-]                              | 35                    | U                    | 7.4                                   | 35                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-46-7        | Dichlorobenzene[1,4-]                          | 43                    | U                    | 3.9                                   | 43                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-93-4        | Dibromoethane[1,2-]                            | 55                    | U                    | 9.2                                   | 55                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 106-99-0        | Butadiene[1,3-]                                | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-05-1        | Chloro-1-propene[3-]                           | 88                    | U                    | 18                                    | 88                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 107-06-2        | Dichloroethane[1,2-]                           | 29                    | U                    | 8.5                                   | 29                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-10-1        | Methyl-2-pentanone[4-]                         | 110                   | U                    | 30                                    | 110                            | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-67-8        | Trimethylbenzene[1,3,5-]                       | 35                    | U                    | 5.4                                   | 35                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-88-3        | Toluene  | 27                    | U                    | 3.7                                   | 27                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 108-90-7        | Chlorobenzene                                  | 33                    | U                    | 2                                     | 33                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 109-99-9        | Tetrahydrofuran                                | 21                    | U                    | 4.7                                   | 21                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-54-3        | Hexane   | 25                    | U                    | 4.2                                   | 25                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 110-82-7        | Cyclohexane                                    | 24                    | U                    | 4.8                                   | 24                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 120-82-1        | Trichlorobenzene[1,2,4-]                       | 210                   | U                    | 110                                   | 210                            | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 123-91-1        | Dioxane[1,4-]                                  | 100                   | U                    | 23                                    | 100                            | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 124-48-1        | Chlorodibromomethane                           | 60                    | U                    | 8.1                                   | 60                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 142-82-5        | n-Heptane                                      | 29                    | U                    | 4.9                                   | 29                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-59-2        | Dichloroethene[cis-1,2-]                       | 28                    | U                    | 4                                     | 28                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 156-60-5        | Dichloroethene[trans-1,2-]                     | 28                    | U                    | 6.7                                   | 28                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 1634-04-4       | Methyl tert-Butyl Ether                        | 26                    | U                    | 5                                     | 26                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 540-84-1        | Isooctane                                      | 33                    | U                    | 3.5                                   | 33                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 541-73-1        | Dichlorobenzene[1,3-]                          | 43                    | U                    | 6.6                                   | 43                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 591-78-6        | Hexanone[2-]                                   | 110                   | U                    | 28                                    | 110                            | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 622-96-8        | Ethyltoluene[4-]                               | 35                    | U                    | 4.2                                   | 35                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 64-17-5         | Ethanol  | 68                    | U                    | 26                                    | 68                             | N        |

| Location ID    | Port Depth (ft) | Field Sample ID        | Sample Date      | Analysis Date   | Method Category | Lab Method      | Sample Purpose | Sample Type | Parameter Code  | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|----------------|-----------------|------------------------|------------------|-----------------|-----------------|-----------------|----------------|-------------|-----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-63-0         | Propanol[2-]                             | 88                    | U                    | 11                                    | 88                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 67-64-1         | Acetone                                  | 66                    | U                    | 7.8                                   | 66                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 71-43-2         | Benzene                                  | 23                    | U                    | 2.2                                   | 23                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 74-83-9         | Bromomethane                             | 110                   | U                    | 40                                    | 110                            | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 74-87-3         | Chloromethane                            | 58                    | U                    | 12                                    | 58                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-00-3         | Chloroethane                             | 74                    | U                    | 18                                    | 74                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-01-4         | Vinyl Chloride                           | 18                    | U                    | 4.9                                   | 18                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-09-2         | Methylene Chloride                       | 97                    | U                    | 16                                    | 97                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-15-0         | Carbon Disulfide                         | 87                    | U                    | 9.6                                   | 87                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-25-2         | Bromoform                                | 73                    | U                    | 8.9                                   | 73                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-27-4         | Bromodichloromethane                     | 48                    | U                    | 5                                     | 48                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-34-3         | Dichloroethane[1,1-]                     | 29                    | U                    | 3.4                                   | 29                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-35-4         | Dichloroethene[1,1-]                     | 28                    | U                    | 4.8                                   | 28                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 75-69-4         | Trichlorofluoromethane                   | 40                    | U                    | 4.2                                   | 40                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 76-14-2         | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 50                    | U                    | 9.8                                   | 50                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 78-87-5         | Dichloropropane[1,2-]                    | 33                    | U                    | 7.4                                   | 33                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 78-93-3         | Butanone[2-]                             | 83                    | U                    | 13                                    | 83                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 79-00-5         | Trichloroethane[1,1,2-]                  | 39                    | U                    | 6.5                                   | 39                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 79-34-5         | Tetrachloroethane[1,1,2,2-]              | 49                    | U                    | 5.4                                   | 49                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 87-68-3         | Hexachlorobutadiene                      | 300                   | U                    | 190                                   | 300                            | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-47-6         | Xylene[1,2-]                             | 31                    | U                    | 5.6                                   | 31                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-50-1         | Dichlorobenzene[1,2-]                    | 43                    | U                    | 7.8                                   | 43                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 95-63-6         | Trimethylbenzene[1,2,4-]                 | 35                    | U                    | 4.1                                   | 35                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | 98-82-8         | Isopropylbenzene                         | 35                    | U                    | 2                                     | 35                             | N        |
| 63-2013        | 60              | TWF63-25-347256        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | REG            | GAS         | Xylene[m+p]     | Xylene[1,3-]+Xylene[1,4-]                | 31                    | U                    | 4.1                                   | 31                             | N        |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347258</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>FD</b>      | <b>GAS</b>  | <b>67-66-3</b>  | <b>Chloroform</b>                        | <b>26</b>             | <b>J</b>             | <b>3.3</b>                            | <b>36</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347258</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>FD</b>      | <b>GAS</b>  | <b>71-55-6</b>  | <b>Trichloroethane[1,1,1-]</b>           | <b>23</b>             | <b>J</b>             | <b>5.4</b>                            | <b>40</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347258</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>FD</b>      | <b>GAS</b>  | <b>127-18-4</b> | <b>Tetrachloroethene</b>                 | <b>11</b>             | <b>J</b>             | <b>7.5</b>                            | <b>50</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347258</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>FD</b>      | <b>GAS</b>  | <b>56-23-5</b>  | <b>Carbon Tetrachloride</b>              | <b>13</b>             | <b>J</b>             | <b>8.2</b>                            | <b>47</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347258</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>FD</b>      | <b>GAS</b>  | <b>75-71-8</b>  | <b>Dichlorodifluoromethane</b>           | <b>54</b>             | <b>NQ</b>            | <b>4</b>                              | <b>37</b>                      | <b>Y</b> |
| <b>63-2013</b> | <b>60</b>       | <b>TWF63-25-347258</b> | <b>1/29/2025</b> | <b>2/6/2025</b> | <b>VOC</b>      | <b>EPA:TO15</b> | <b>FD</b>      | <b>GAS</b>  | <b>79-01-6</b>  | <b>Trichloroethene</b>                   | <b>1200</b>           | <b>NQ</b>            | <b>11</b>                             | <b>40</b>                      | <b>Y</b> |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 100-41-4        | Ethylbenzene                             | 32                    | U                    | 4.2                                   | 32                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 100-42-5        | Styrene                                  | 32                    | U                    | 5.1                                   | 32                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 100-44-7        | Benzyl Chloride                          | 38                    | U                    | 4.6                                   | 38                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 10061-01-5      | Dichloropropene[cis-1,3-]                | 34                    | U                    | 6.8                                   | 34                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 10061-02-6      | Dichloropropene[trans-1,3-]              | 34                    | U                    | 4.2                                   | 34                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 103-65-1        | Propylbenzene[1-]                        | 36                    | U                    | 7.9                                   | 36                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 75-00-3         | Chloroethane                             | 80                    | U                    | 19                                    | 80                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 75-01-4         | Vinyl Chloride                           | 19                    | U                    | 5.1                                   | 19                             | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 75-09-2         | Methylene Chloride                       | 100                   | U                    | 17                                    | 100                            | N        |
| 63-2013        | 60              | TWF63-25-347258        | 1/29/2025        | 2/6/2025        | VOC             | EPA:TO15        | FD             | GAS         | 75-15-0         | Carbon Disulfide                         | 90                    | U                    | 10                                    | 90                             | N        |

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 75-25-2        | Bromofrom                                | 76                    | U                    | 9.3                                   | 76                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 75-27-4        | Bromodichloromethane                     | 50                    | U                    | 5.2                                   | 50                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 75-34-3        | Dichloroethane[1,1-]                     | 30                    | U                    | 3.6                                   | 30                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 106-99-0       | Butadiene[1,3-]                          | 16                    | U                    | 2.2                                   | 16                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 107-05-1       | Chloro-1-propene[3-]                     | 90                    | U                    | 19                                    | 90                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 107-06-2       | Dichloroethane[1,2-]                     | 30                    | U                    | 8.9                                   | 30                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 108-10-1       | Methyl-2-pentanone[4-]                   | 100                   | U                    | 32                                    | 100                            | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 108-67-8       | Trimethylbenzene[1,3,5-]                 | 36                    | U                    | 5.9                                   | 36                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 108-88-3       | Toluene                                  | 28                    | U                    | 3.8                                   | 28                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 108-90-7       | Chlorobenzene                            | 34                    | U                    | 2.1                                   | 34                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 109-99-9       | Tetrahydrofuran                          | 22                    | U                    | 5                                     | 22                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 110-54-3       | Hexane                                   | 26                    | U                    | 4.2                                   | 26                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 110-82-7       | Cyclohexane                              | 25                    | U                    | 5.2                                   | 25                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]                 | 200                   | U                    | 120                                   | 200                            | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 106-46-7       | Dichlorobenzene[1,4-]                    | 44                    | U                    | 4.1                                   | 44                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 106-93-4       | Dibromoethane[1,2-]                      | 57                    | U                    | 9.2                                   | 57                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 64-17-5        | Ethanol                                  | 70                    | U                    | 26                                    | 70                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 67-63-0        | Propanol[2-]                             | 91                    | U                    | 12                                    | 91                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 67-64-1        | Acetone                                  | 70                    | U                    | 8.3                                   | 70                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 71-43-2        | Benzene                                  | 24                    | U                    | 2.3                                   | 24                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 74-83-9        | Bromomethane                             | 100                   | U                    | 43                                    | 100                            | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 74-87-3        | Chloromethane                            | 60                    | U                    | 12                                    | 60                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 123-91-1       | Dioxane[1,4-]                            | 100                   | U                    | 24                                    | 100                            | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 124-48-1       | Chlorodibromomethane                     | 63                    | U                    | 8.5                                   | 63                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 142-82-5       | n-Heptane                                | 30                    | U                    | 4.9                                   | 30                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]                 | 29                    | U                    | 4                                     | 29                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]               | 29                    | U                    | 7.1                                   | 29                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 1634-04-4      | Methyl tert-Butyl Ether                  | 27                    | U                    | 5                                     | 27                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 540-84-1       | Isooctane                                | 35                    | U                    | 3.7                                   | 35                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 541-73-1       | Dichlorobenzene[1,3-]                    | 44                    | U                    | 7.2                                   | 44                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 591-78-6       | Hexanone[2-]                             | 100                   | U                    | 29                                    | 100                            | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 622-96-8       | Ethyltoluene[4-]                         | 36                    | U                    | 4.4                                   | 36                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 75-35-4        | Dichloroethene[1,1-]                     | 29                    | U                    | 5.2                                   | 29                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 75-69-4        | Trichlorofluoromethane                   | 42                    | U                    | 4.4                                   | 42                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 57                    | U                    | 10                                    | 57                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 52                    | U                    | 9.8                                   | 52                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 34                    | U                    | 7.9                                   | 34                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 78-93-3        | Butanone[2-]                             | 90                    | U                    | 13                                    | 90                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 40                    | U                    | 7.1                                   | 40                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 51                    | U                    | 5.6                                   | 51                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 87-68-3        | Hexachlorobutadiene                      | 300                   | U                    | 200                                   | 300                            | N        |

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name              | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|-----------------------------|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 95-47-6        | Xylene[1,2-]                | 32                    | U                    | 5.6                                   | 32                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 95-50-1        | Dichlorobenzene[1,2-]       | 44                    | U                    | 7.8                                   | 44                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 95-63-6        | Trimethylbenzene[1,2,4-]    | 36                    | U                    | 4.3                                   | 36                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | 98-82-8        | Isopropylbenzene            | 36                    | U                    | 2.1                                   | 36                             | N        |
| 63-2013     | 60              | TWF63-25-347258 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FD             | GAS         | Xylene[m+p]    | Xylene[1,3-]+Xylene[1,4-]   | 32                    | U                    | 4.3                                   | 32                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 100-41-4       | Ethylbenzene                | 30                    | U                    | 3.8                                   | 30                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 100-42-5       | Styrene                     | 29                    | U                    | 4.7                                   | 29                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 100-44-7       | Benzyl Chloride             | 35                    | U                    | 4.1                                   | 35                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 10061-01-5     | Dichloropropene[cis-1,3-]   | 31                    | U                    | 6.4                                   | 31                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 10061-02-6     | Dichloropropene[trans-1,3-] | 31                    | U                    | 3.9                                   | 31                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 103-65-1       | Propylbenzene[1-]           | 33                    | U                    | 7.4                                   | 33                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 106-46-7       | Dichlorobenzene[1,4-]       | 41                    | U                    | 3.7                                   | 41                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 106-93-4       | Dibromoethane[1,2-]         | 52                    | U                    | 8.4                                   | 52                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 106-99-0       | Butadiene[1,3-]             | 15                    | U                    | 2.1                                   | 15                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 107-05-1       | Chloro-1-propene[3-]        | 84                    | U                    | 18                                    | 84                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 107-06-2       | Dichloroethane[1,2-]        | 28                    | U                    | 8.1                                   | 28                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 108-10-1       | Methyl-2-pentanone[4-]      | 110                   | U                    | 29                                    | 110                            | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 108-67-8       | Trimethylbenzene[1,3,5-]    | 33                    | U                    | 5.4                                   | 33                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 108-88-3       | Toluene                     | 26                    | U                    | 3.5                                   | 26                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 108-90-7       | Chlorobenzene               | 31                    | U                    | 1.8                                   | 31                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 109-99-9       | Tetrahydrofuran             | 20                    | U                    | 4.4                                   | 20                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 110-54-3       | Hexane                      | 24                    | U                    | 3.9                                   | 24                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 110-82-7       | Cyclohexane                 | 23                    | U                    | 4.8                                   | 23                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 120-82-1       | Trichlorobenzene[1,2,4-]    | 200                   | U                    | 100                                   | 200                            | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 123-91-1       | Dioxane[1,4-]               | 97                    | U                    | 22                                    | 97                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 124-48-1       | Chlorodibromomethane        | 58                    | U                    | 7.7                                   | 58                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 127-18-4       | Tetrachloroethene           | 46                    | U                    | 6.6                                   | 46                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 142-82-5       | n-Heptane                   | 28                    | U                    | 4.5                                   | 28                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 156-59-2       | Dichloroethene[cis-1,2-]    | 27                    | U                    | 3.8                                   | 27                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 156-60-5       | Dichloroethene[trans-1,2-]  | 27                    | U                    | 6.3                                   | 27                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 1634-04-4      | Methyl tert-Butyl Ether     | 25                    | U                    | 4.7                                   | 25                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 540-84-1       | Isooctane                   | 32                    | U                    | 3.4                                   | 32                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 541-73-1       | Dichlorobenzene[1,3-]       | 41                    | U                    | 6.6                                   | 41                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 56-23-5        | Carbon Tetrachloride        | 43                    | U                    | 7.5                                   | 43                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 591-78-6       | Hexanone[2-]                | 110                   | U                    | 27                                    | 110                            | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 622-96-8       | Ethyltoluene[4-]            | 33                    | U                    | 4                                     | 33                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 64-17-5        | Ethanol                     | 64                    | U                    | 24                                    | 64                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 67-63-0        | Propanol[2-]                | 84                    | U                    | 11                                    | 84                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 67-64-1        | Acetone                     | 64                    | U                    | 7.6                                   | 64                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 67-66-3        | Chloroform                  | 33                    | U                    | 3                                     | 33                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 71-43-2        | Benzene                     | 22                    | U                    | 2.1                                   | 22                             | N        |

| Location ID | Port Depth (ft) | Field Sample ID | Sample Date | Analysis Date | Method Category | Lab Method | Sample Purpose | Sample Type | Parameter Code | Parameter Name                           | Report Result (µg/m³) | Validation Qualifier | Report Method Detection Limit (µg/m³) | Report Detection Limit (µg/m³) | Detected |
|-------------|-----------------|-----------------|-------------|---------------|-----------------|------------|----------------|-------------|----------------|--|-----------------------|----------------------|---------------------------------------|--------------------------------|----------|
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 71-55-6        | Trichloroethane[1,1,1-]                  | 37                    | U                    | 4.9                                   | 37                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 74-83-9        | Bromomethane                             | 100                   | U                    | 40                                    | 100                            | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 74-87-3        | Chloromethane                            | 56                    | U                    | 11                                    | 56                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-00-3        | Chloroethane                             | 71                    | U                    | 17                                    | 71                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-01-4        | Vinyl Chloride                           | 17                    | U                    | 4.6                                   | 17                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-09-2        | Methylene Chloride                       | 94                    | U                    | 15                                    | 94                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-15-0        | Carbon Disulfide                         | 84                    | U                    | 9                                     | 84                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-25-2        | Bromoform                                | 70                    | U                    | 8.5                                   | 70                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-27-4        | Bromodichloromethane                     | 46                    | U                    | 4.8                                   | 46                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-34-3        | Dichloroethane[1,1-]                     | 28                    | U                    | 3.2                                   | 28                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-35-4        | Dichloroethene[1,1-]                     | 27                    | U                    | 4.8                                   | 27                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-69-4        | Trichlorofluoromethane                   | 38                    | U                    | 4                                     | 38                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 75-71-8        | Dichlorodifluoromethane                  | 34                    | U                    | 3.6                                   | 34                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 76-13-1        | Trichloro-1,2,2-trifluoroethane[1,1,2-]  | 52                    | U                    | 9.2                                   | 52                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 76-14-2        | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 48                    | U                    | 9.1                                   | 48                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 78-87-5        | Dichloropropane[1,2-]                    | 31                    | U                    | 6.9                                   | 31                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 78-93-3        | Butanone[2-]                             | 80                    | U                    | 12                                    | 80                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 79-00-5        | Trichloroethane[1,1,2-]                  | 37                    | U                    | 6.5                                   | 37                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 79-01-6        | Trichloroethene                          | 37                    | U                    | 9.7                                   | 37                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 79-34-5        | Tetrachloroethane[1,1,2,2-]              | 47                    | U                    | 5.1                                   | 47                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 87-68-3        | Hexachlorobutadiene                      | 290                   | U                    | 180                                   | 290                            | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 95-47-6        | Xylene[1,2-]                             | 30                    | U                    | 5.2                                   | 30                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 95-50-1        | Dichlorobenzene[1,2-]                    | 41                    | U                    | 7.2                                   | 41                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 95-63-6        | Trimethylbenzene[1,2,4-]                 | 33                    | U                    | 3.9                                   | 33                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | 98-82-8        | Isopropylbenzene                         | 33                    | U                    | 1.9                                   | 33                             | N        |
| 63-2013     | 60              | TWF63-25-347257 | 1/29/2025   | 2/6/2025      | VOC             | EPA:TO15   | FB             | GAS         | Xylene[m+p]    | Xylene[1,3-]+Xylene[1,4-]                | 30                    | U                    | 3.9                                   | 30                             | N        |

Notes: Rows in **Bold** font indicate the analyte is detected.

FD = Field Duplicate

FB = Field Blank

U = Non-detect

J = Estimated Value

NQ = no data qualifier

UNK = unknown (there is no location ID for field blank)



Table 3. Current and Previous Analytical Results for Eight Quarters

| Well ID (Port(ft))       | Constituent                           | Parameter Code | Soil Gas Screening Level (ug/m3) | Q2 2023        |                     | Q3 2023        |                     | Q4 2023        |                     | Q1 2024        |                     | Q2 2024        |                     | Q3 2024        |                     | Q4 2024        |                     | Q1 2025        |                     |
|--------------------------|---------------------------------------|----------------|----------------------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|
|                          |                                       |                |                                  | 5/24/2023      |                     | 8/24/2023      |                     | 11/1/2023      |                     | 1/31/2024      |                     | 4/30/2024      |                     | 7/31/2024      |                     | 11/30/2024     |                     | 1/29/2025      |                     |
|                          |                                       |                |                                  | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) | Result (µg/m³) | Percent of SGSL (%) |
| VMW-1 (5) 63-2009        | Trichloroethylene                     | 79-01-6        | 1.94E+04                         | 41             | 0.2                 | 46             | 0.2                 | 41             | 0.2                 | 47             | 0.2                 | 46             | 0.2                 | 44             | 0.2                 | 43             | 0.2                 | 33             | 0.2                 |
|                          | Toluene                               | 108-88-3       | 4.70E+07                         | -              | -                   | -              | -                   | -              | -                   | 2.4            | <0.1                | 3.8            | <0.1                | -              | -                   | 6              | <0.1                | -              | -                   |
|                          | Tetrachloroethylene                   | 127-18-4       | 4.08E+05                         | -              | -                   | 40.0           | <0.1                | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | cis-1,2-Dichloroethylene              | 156-59-2       | 5.85E+05                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Acetone                               | 67-64-1        | 2.73E+08                         | -              | -                   | 18.0           | <0.1                | -              | -                   | -              | -                   | -              | -                   | 12             | <0.1                | -              | -                   | -              | -                   |
|                          | 1,1,1-Trichloroethane                 | 71-55-6        | 4.86E+07                         | -              | -                   | -              | -                   | -              | -                   | 9.8            | <0.1                | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | 1,1-Dichloroethane                    | 75-34-3        | 1.73E+05                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | 1,1-Dichloroethylene                  | 75-35-4        | 1.86E+06                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Dichlorodifluoromethane               | 75-71-8        | 1.03E+06                         | -              | -                   | -              | -                   | -              | -                   | 5.4            | <0.1                | 4.9            | <0.1                | -              | -                   | -              | -                   | -              | -                   |
|                          | Chloroform                            | 67-66-3        | 1.08E+04                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | m-Xylene                              | 108-38-3       | 1.01E+06                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | 7.4            | <0.1                | -              | -                   |
|                          | p-Xylene                              | 106-42-3       | 9.77E+05                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | 7.4            | <0.1                | -              | -                   |
|                          | Ethanol                               | 64-17-5        | N/A                              | -              | -                   | -              | -                   | 36             | N/A                 | -              | -                   | 34             | N/A                 | -              | -                   | -              | -                   | -              | -                   |
| Propanol[2-]             | 67-63-0                               | N/A            | -                                | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              |                     |
| VMW-2 (5) 63-2010        | Trichloroethylene                     | 79-01-6        | 1.94E+04                         | 100            | 0.5                 | 59             | 0.3                 | 100            | 0.5                 | 100            | 0.5                 | 110            | 0.6                 | 75             | 0.4                 | 91             | 0.5                 | 100            | 0.5                 |
|                          | Dichlorodifluoromethane               | 75-71-8        | 1.03E+06                         | -              | -                   | -              | -                   | -              | -                   | 5.9            | <0.1                | 5.9            | <0.1                | -              | -                   | 7.9            | <0.1                | -              | -                   |
|                          | Acetone                               | 67-64-1        | 2.73E+08                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | 1,1,1-Trichloroethane                 | 71-55-6        | 4.86E+07                         | -              | -                   | -              | -                   | -              | -                   | 4.6            | <0.1                | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Toluene                               | 108-88-3       | 4.70E+07                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | 4.5            | <0.1                | -              | -                   | -              | -                   | -              | -                   |
|                          | Chloroform                            | 67-66-3        | 1.08E+04                         | -              | -                   | -              | -                   | 4.6            | <0.1                | 4.1            | <0.1                | 4.1            | <0.1                | -              | -                   | 5.4            | <0.1                | -              | -                   |
|                          | Ethanol                               | 64-17-5        | N/A                              | -              | -                   | -              | -                   | -              | -                   | -              | -                   | 40             | N/A                 | -              | -                   | -              | -                   | -              | -                   |
| VMW-3 (5) 63-2011        | Trichloroethylene                     | 79-01-6        | 1.94E+04                         | 70             | 0.4                 | 59             | 0.3                 | 91             | 0.5                 | 75             | 0.4                 | 81             | 0.4                 | 53             | 0.3                 | 64             | 0.3                 | 59             | 0.3                 |
|                          | Toluene                               | 108-88-3       | 4.70E+07                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Acetone                               | 67-64-1        | 2.73E+08                         | 12.0           | <0.1                | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Dichlorodifluoromethane               | 75-71-8        | 1.03E+06                         | -              | -                   | -              | -                   | -              | -                   | 4.3            | <0.1                | 6.4            | <0.1                | -              | -                   | -              | -                   | -              | -                   |
|                          | Ethanol                               | 64-17-5        | N/A                              | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
| VMW-4 (25) 63-2012       | Propanol[2-]                          | 67-63-0        | N/A                              | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Trichloroethylene                     | 79-01-6        | 1.57E+05                         | 2100           | 1.3                 | 1800           | 1.1                 | 2300           | 1.5                 | 2300           | 1.5                 | 2400           | 1.5                 | 1900           | 1.2                 | 2000           | 1.3                 | 1900           | 1.2                 |
|                          | Tetrachloroethylene                   | 127-18-4       | 2.63E+06                         | 31             | <0.1                | 32             | <0.1                | 31             | <0.1                | 30             | <0.1                | 31             | <0.1                | 24             | <0.1                | 29             | <0.1                | 31             | <0.1                |
|                          | Carbon tetrachloride                  | 56-23-5        | 1.06E+05                         | 38             | <0.1                | 33             | <0.1                | 35             | <0.1                | 31             | <0.1                | 36             | <0.1                | 35             | <0.1                | 34             | <0.1                | 36             | <0.1                |
|                          | Chloroform                            | 67-66-3        | 2.30E+04                         | 83             | 0.4                 | 73             | 0.3                 | 93             | 0.4                 | 78             | 0.3                 | 78             | 0.3                 | 78             | 0.3                 | 83             | 0.4                 | 78             | 0.3                 |
|                          | Dichlorodifluoromethane               | 75-71-8        | 2.61E+06                         | 64             | <0.1                | 50             | <0.1                | 48             | <0.1                | 44             | <0.1                | 48             | <0.1                | 45             | <0.1                | 54             | <0.1                | 54             | <0.1                |
|                          | 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1        | 6.86E+08                         | -              | -                   | -              | -                   | 11.0           | <0.1                | 10.0           | <0.1                | 12             | <0.1                | -              | -                   | 15.0           | <0.1                | -              | -                   |
|                          | 1,1,1-Trichloroethane                 | 71-55-6        | 1.16E+08                         | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
| VMW-4 (60) 63-2012       | Bromodichloromethane                  | 75-27-4        | N/A                              | -              | -                   | -              | -                   | -              | -                   | 4.5            | N/A                 | 5.0            | N/A                 | -              | -                   | -              | -                   | -              | -                   |
|                          | Propanol[2-]                          | 67-63-0        | N/A                              | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   | -              | -                   |
|                          | Trichloroethylene                     | 79-01-6        | 9.27E+04                         | 5000           | 5.4                 | 5000           | 5.4                 | 6400           | 6.9                 | 6400           | 6.9                 | 7000           | 7.6                 | 5000           | 5.4                 | 5000           | 5.4                 | 5000           | 5.4                 |
|                          | Tetrachloroethylene                   | 127-18-4       | 2.05E+06                         | 57             | <0.1                | 81             | <0.1                | 67             | <0.1                | 60             | <0.1                | 75             | <0.1                | 70             | <0.1                | 61             | <0.1                | 75             | <0.1                |
| cis-1,2-Dichloroethylene | 156-59-2                              | 2.91E+06       | 15                               | <0.1           | 10                  | <0.1           | 19                  | <0.1           | 13                  | <0.1           | 13                  | <0.1           | 14                  | <0.1           | 17                  | <0.1           | 11                  | <0.1           |                     |
| Carbon tetrachloride     | 56-23-5                               | 2.13E+05       | 88                               | <0.1           | 88                  | <0.1           | 100                 | <0.1           | 75                  | <0.1           | 88                  | <0.1           | 82                  | <0.1           | 88                  | <0.1           | 82                  | <0.1           |                     |

| Well ID<br>(Port(ft))     | Constituent                           | Parameter<br>Code | Soil Gas<br>Screening Level<br>(ug/m3) | Q2 2023           |                        | Q3 2023           |                        | Q4 2023           |                        | Q1 2024           |                        | Q2 2024           |                        | Q3 2024           |                        | Q4 2024           |                        | Q1 2025           |                        |
|---------------------------|---------------------------------------|-------------------|--|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
|                           |                                       |                   |  | 5/24/2023         |                        | 8/24/2023         |                        | 11/1/2023         |                        | 1/31/2024         |                        | 4/30/2024         |                        | 7/31/2024         |                        | 11/30/2024        |                        | 1/29/2025         |                        |
|                           |                                       |                   |  | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) |
|                           | Chloroform                            | 67-66-3           | 4.44E+04                               | 170               | 0.4                    | 100               | 0.2                    | 200               | 0.5                    | 160               | 0.4                    | 170               | 0.4                    | 160               | 0.4                    | 170               | 0.4                    | 170               | 0.4                    |
|                           | 1,1,1-Trichloroethane                 | 71-55-6           | 2.34E+08                               | 11                | <0.1                   | -                 | -                      | 9.8               | <0.1                   | 9.3               | <0.1                   | 7.6               | <0.1                   | 8.7               | <0.1                   | -                 | -                      | 9.8               | <0.1                   |
|                           | Dichlorodifluoromethane               | 75-71-8           | 5.38E+06                               | 130               | <0.1                   | 120               | <0.1                   | 130               | <0.1                   | 100               | <0.1                   | 110               | <0.1                   | 110               | <0.1                   | 110               | <0.1                   | 120               | <0.1                   |
|                           | 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1           | 1.38E+09                               | 22                | <0.1                   | 23                | <0.1                   | 27                | <0.1                   | 23                | <0.1                   | 28                | <0.1                   | 24                | <0.1                   | 39                | <0.1                   | 28                | <0.1                   |
|                           | Toluene                               | 108-88-3          | 2.14E+08                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Acetone                               | 67-64-1           | 1.02E+09                               | -                 | -                      | -                 | -                      | 200               | <0.1                   | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Trichlorofluoromethane                | 75-69-4           | 3.01E+07                               | -                 | -                      | -                 | -                      | -                 | -                      | 5.6               | <0.1                   | 7.6               | <0.1                   | 5.1               | <0.1                   | 5.4               | <0.1                   | 5.1               | <0.1                   |
|                           | n-Heptane                             | 142-82-5          | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Hexane                                | 110-54-3          | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Ethanol                               | 64-17-5           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Propanol[2-]                          | 67-63-0           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Bromodichloromethane                  | 75-27-4           | N/A                                    | -                 | -                      | -                 | -                      | 5.8               | N/A                    | 5.9               | N/A                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| VMW-5 (25)<br>63-2013     | Trichloroethylene                     | 79-01-6           | 1.57E+05                               | 290               | 0.2                    | 280               | 0.2                    | 340               | 0.2                    | 370               | 0.2                    | 400               | 0.3                    | 310               | 0.2                    | 320               | 0.2                    | 330               | 0.2                    |
|                           | Chloroform                            | 67-66-3           | 2.30E+04                               | 50                | 0.2                    | 50                | 0.2                    | 63                | 0.3                    | 47                | 0.2                    | 59                | 0.3                    | 54                | 0.2                    | 59                | 0.3                    | 59                | 0.3                    |
|                           | 1,1,1-Trichloroethane                 | 71-55-6           | 1.16E+08                               | 13                | <0.1                   | 13                | <0.1                   | 15                | <0.1                   | 14                | <0.1                   | 14                | <0.1                   | 12                | <0.1                   | 13                | <0.1                   | 15                | <0.1                   |
|                           | Dichlorodifluoromethane               | 75-71-8           | 2.61E+06                               | 31                | <0.1                   | 36                | <0.1                   | 34                | <0.1                   | 29                | <0.1                   | 31                | <0.1                   | 27                | <0.1                   | 30                | <0.1                   | 40                | <0.1                   |
|                           | Tetrachloroethylene                   | 127-18-4          | 2.63E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Acetone                               | 67-64-1           | 5.44E+08                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Carbon tetrachloride                  | 56-23-5           | 1.06E+05                               | -                 | -                      | -                 | -                      | 5.9               | <0.1                   | 4.0               | <0.1                   | -                 | -                      | -                 | -                      | -                 | -                      | -                 |                        |
|                           | Bromodichloromethane                  | 75-27-4           | N/A                                    | -                 | -                      | -                 | -                      | 6.2               | N/A                    | -                 | -                      | -                 | -                      | 6.6               | N/A                    | 11                | N/A                    | 6.4               | N/A                    |
| Tetrahydrofuran           | 109-99-9                              | N/A               | -                                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | 11                     | N/A               |                        |
| VMW-5 (60)<br>63-2013     | Trichloroethylene                     | 79-01-6           | 9.27E+04                               | 1000              | 1.1                    | 970               | 1.0                    | 1300              | 1.4                    | 1500              | 1.6                    | 1400              | 1.5                    | 1100              | 1.2                    | 1100              | 1.2                    | 1200              | 1.3                    |
|                           | Tetrachloroethylene                   | 127-18-4          | 2.05E+06                               | -                 | -                      | 13                | <0.1                   | 12                | <0.1                   | 13                | <0.1                   | 13                | <0.1                   | 8.8               | <0.1                   | 8.8               | <0.1                   | 10                | <0.1                   |
|                           | Chloroform                            | 67-66-3           | 4.44E+04                               | 22                | <0.1                   | 22                | <0.1                   | 29                | <0.1                   | 25                | <0.1                   | 25                | <0.1                   | 24                | <0.1                   | 28                | <0.1                   | 28                | <0.1                   |
|                           | 1,1,1-Trichloroethane                 | 71-55-6           | 2.34E+08                               | 25                | <0.1                   | 26                | <0.1                   | 32                | <0.1                   | 26                | <0.1                   | 25                | <0.1                   | 27                | <0.1                   | 28                | <0.1                   | 27                | <0.1                   |
|                           | Dichlorodifluoromethane               | 75-71-8           | 5.38E+06                               | 54                | <0.1                   | 48                | <0.1                   | 59                | <0.1                   | 49                | <0.1                   | 50                | <0.1                   | 50                | <0.1                   | 59                | <0.1                   | 59                | <0.1                   |
|                           | 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1           | 1.38E+09                               | -                 | -                      | -                 | -                      | 13.0              | <0.1                   | 13.0              | <0.1                   | 13                | <0.1                   | -                 | -                      | 14                | <0.1                   | 11                | <0.1                   |
|                           | Toluene                               | 108-88-3          | 2.14E+08                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Carbon tetrachloride                  | 56-23-5           | 2.13E+05                               | 11                | <0.1                   | -                 | -                      | 17.0              | <0.1                   | 16.0              | <0.1                   | 16                | <0.1                   | 14                | <0.1                   | 18                | <0.1                   | 8.8               | <0.1                   |
|                           | Acetone                               | 67-64-1           | 1.02E+09                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Ethanol                               | 64-17-5           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Chloromethane                         | 74-87-3           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Propanol[2-]                          | 67-63-0           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| <b>FIELD DUPLICATES</b>   |                                       |                   |  |                   |                        |                   |                        |                   |                        |                   |                        |                   |                        |                   |                        |                   |                        |                   |                        |
| VMW-1 (5)<br>63-2009(FD)  | Trichloroethylene                     | 79-01-6           | 1.94E+04                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Dichlorodifluoromethane               | 75-71-8           | 1.03E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Propanol[2-]                          | 67-63-0           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| VMW-3 (5)<br>63-2011(FD)  | Trichloroethylene                     | 79-01-6           | 1.94E+04                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| VMW-4 (25)<br>63-2012(FD) | Trichloroethylene                     | 79-01-6           | 1.57E+05                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                           | Tetrachloroethylene                   | 127-18-4          | 2.63E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |

| Well ID<br>(Port(ft))                 | Constituent                           | Parameter<br>Code | Soil Gas<br>Screening Level<br>(ug/m3) | Q2 2023           |                        | Q3 2023           |                        | Q4 2023           |                        | Q1 2024           |                        | Q2 2024           |                        | Q3 2024           |                        | Q4 2024           |                        | Q1 2025           |                        |
|---------------------------------------|---------------------------------------|-------------------|--|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
|                                       |                                       |                   |  | 5/24/2023         |                        | 8/24/2023         |                        | 11/1/2023         |                        | 1/31/2024         |                        | 4/30/2024         |                        | 7/31/2024         |                        | 11/30/2024        |                        | 1/29/2025         |                        |
|                                       |                                       |                   |  | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) | Result<br>(µg/m³) | Percent of<br>SGSL (%) |
|                                       | Carbon tetrachloride                  | 56-23-5           | 1.06E+05                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Chloroform                            | 67-66-3           | 2.30E+04                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | 1,1,1-Trichloroethane                 | 71-55-6           | 1.16E+08                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Dichlorodifluoromethane               | 75-71-8           | 2.61E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| VWM-4 (60)<br>23-2012(FD)             | Trichloroethylene                     | 79-01-6           | 9.27E+04                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Tetrachloroethylene                   | 127-18-4          | 2.05E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | cis-1,2-Dichloroethylene              | 156-59-2          | 2.91E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Carbon tetrachloride                  | 56-23-5           | 2.13E+05                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Chloroform                            | 67-66-3           | 4.44E+04                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Dichlorodifluoromethane               | 75-71-8           | 5.38E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Acetone                               | 67-64-1           | 1.02E+09                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1                               | 1.38E+09          | -                                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 |                        |
| VMW-5 (25)<br>63-2013(FD)             | Trichloroethylene                     | 79-01-6           | 1.57E+05                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Tetrachloroethylene                   | 127-18-4          | 2.63E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Chloroform                            | 67-66-3           | 2.30E+04                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | 1,1,1-Trichloroethane                 | 71-55-6           | 1.16E+08                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Dichlorodifluoromethane               | 75-71-8           | 2.61E+06                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| VMW-5 (60)<br>63-2013(FD)             | Trichloroethylene                     | 79-01-6           | 9.27E+04                               | 970               | 1.0                    | 1100              | 1.2                    | 1700              | 1.8                    | 1300              | 1.4                    | 1400              | 1.5                    | 1100              | 1.2                    | 1100              | 1.2                    | 1200              | 1.3                    |
|                                       | Carbon tetrachloride                  | 56-23-5           | 2.13E+05                               | 13                | <0.1                   | 14                | <0.1                   | 24                | <0.1                   | 15                | <0.1                   | 16                | <0.1                   | 16                | <0.1                   | 16                | <0.1                   | 13                | <0.1                   |
|                                       | 1,1,1-Trichloroethane                 | 71-55-6           | 2.34E+08                               | 26                | <0.1                   | 27                | <0.1                   | 40                | <0.1                   | 25                | <0.1                   | 26                | <0.1                   | 20                | <0.1                   | 23                | <0.1                   | 23                | <0.1                   |
|                                       | Dichlorodifluoromethane               | 75-71-8           | 5.38E+06                               | 50                | <0.1                   | 59                | <0.1                   | 79                | <0.1                   | 46                | <0.1                   | 49                | <0.1                   | 50                | <0.1                   | 54                | <0.1                   | 54                | <0.1                   |
|                                       | 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1           | 1.38E+09                               | 9.2               | <0.1                   | -                 | -                      | 18                | <0.1                   | 12                | <0.1                   | 14                | <0.1                   | 13                | <0.1                   | 15                | <0.1                   | -                 | -                      |
|                                       | Chloroform                            | 67-66-3           | 4.44E+04                               | 20                | <0.1                   | 24                | 0.1                    | 39                | <0.1                   | 23                | <0.1                   | 25                | <0.1                   | 24                | <0.1                   | 28                | <0.1                   | 26                | <0.1                   |
|                                       | Methylethylketone (2-butanone)        | 78-93-3           | 2.27E+08                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Tetrachloroethylene                   | 127-18-4          | 2.63E+06                               | 9.5               | <0.1                   | -                 | -                      | 19                | <0.1                   | -                 | -                      | 13                | <0.1                   | -                 | -                      | 8.1               | -                      | 11                | <0.1                   |
|                                       | 1,2,4-Trimethylbenzene                | 95-63-6           | 4.12E+05                               | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Carbon Disulfide                      | 75-15-0           | 2.59E+07                               | -                 | -                      | -                 | -                      | 12                | N/A                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Benzene                               | 71-43-2           | 1.54E+05                               | -                 | -                      | -                 | -                      | 3.5               | <0.1                   | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Ethanol                               | 64-17-5           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Propanol[2-]                          | 67-63-0           | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
|                                       | Tetrahydrofuran                       | 109-99-9          | N/A                                    | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      |
| m-Xylene                              | 108-38-3                              | 1.01E+06          | -                                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 |                        |
| p-Xylene                              | 106-42-3                              | 9.77E+05          | -                                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 | -                      | -                 |                        |

Notes: FD = Field Duplicate  
 "-" = Non-Detect  
 SGSL = Soil Gas Screening Level

Table 4. Statistical Analyses of TCE results

|   | VMW-1<br>5ft<br>(mg/m <sup>3</sup> ) | VMW-2<br>5ft<br>(mg/m <sup>3</sup> ) | VMW-3<br>5ft<br>(mg/m <sup>3</sup> ) | VMW-4<br>25ft<br>(mg/m <sup>3</sup> ) | VMW-4<br>60ft<br>(mg/m <sup>3</sup> ) | VMW-5<br>25ft<br>(mg/m <sup>3</sup> ) | VMW-5<br>60ft<br>(mg/m <sup>3</sup> ) |
|---|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 2017 Quarter 1                              | 64.4                                 | 134                                  | 69.8                                 | 3810                                  | 8060                                  | 483                                   | 1340                                  |
| 2018 Quarter 1                              | 31.1                                 | 80.6                                 | 64.4                                 | 2793                                  | 6982                                  | 258                                   | 1343                                  |
| 2018 Quarter 2                              | 48.3                                 | 129                                  | 96.7                                 | 3437                                  | 8593                                  | 414                                   | 1557                                  |
| 2018 Quarter 3                              | 53.7                                 | 85.9                                 | 59.1                                 | 2954                                  | 8056                                  | 344                                   | 1504                                  |
| 2018 Quarter 4                              | 43.5                                 | 107                                  | 75.2                                 | 2900                                  | 8056                                  | 365                                   | 1396                                  |
| 2019 Quarter 1                              | 36                                   | 113                                  | 85.9                                 | 2900                                  | 7520                                  | 360                                   | 1400                                  |
| 2019 Quarter 2                              | 44                                   | 118                                  | 107                                  | 2790                                  | 7520                                  | 360                                   | 1560                                  |
| 2019 Quarter 3                              | 59.1                                 | 102                                  | 85.9                                 | 3010                                  | 8590                                  | 424                                   | 1500                                  |
| 2019 Quarter 4                              | 40.3                                 | 96.7                                 | 64.4                                 | 2790                                  | 6980                                  | 338                                   | 1400                                  |
| 2020 Quarter 1                              | 41.9                                 | 102                                  | 75.2                                 | 2740                                  | 7520                                  | 392                                   | 1500                                  |
| 2020 Quarter 2                              | 41                                   | 97                                   | 97                                   | 2800                                  | 7500                                  | 380                                   | 1400                                  |
| 2020 Quarter 3                              | 59                                   | 86                                   | 75                                   | 2600                                  | 7500                                  | 390                                   | 1400                                  |
| 2020 Quarter 4                              | 44                                   | 130                                  | 86                                   | 2600                                  | 7500                                  | 400                                   | 1300                                  |
| 2021 Quarter 1                              | 43                                   | 97                                   | 75                                   | 2600                                  | 7000                                  | 360                                   | 1300                                  |
| 2021 Quarter 2                              | 41                                   | 100                                  | 97                                   | 2500                                  | 7500                                  | 360                                   | 1300                                  |
| 2021 Quarter 3                              | 50                                   | 70                                   | 59                                   | 2100                                  | 6400                                  | 310                                   | 1200                                  |
| 2021 Quarter 4                              | 40                                   | 100                                  | 75                                   | 2200                                  | 6400                                  | 300                                   | 1200                                  |
| 2022 Quarter 1                              | 30                                   | 86                                   | 50                                   | 2200                                  | 6400                                  | 350                                   | 1200                                  |
| 2022 Quarter 2                              | 45                                   | 97                                   | 86                                   | 2000                                  | 5900                                  | 300                                   | 1200                                  |
| 2022 Quarter 3                              | 70                                   | 81                                   | 59                                   | 2000                                  | 4100                                  | 310                                   | 1200                                  |
| 2022 Quarter 4                              | 37                                   | 100                                  | 50                                   | 2000                                  | 5900                                  | 300                                   | 1200                                  |
| 2023 Quarter 1                              | 26                                   | 75                                   | 64                                   | 2400                                  | 3100                                  | 280                                   | 1000                                  |
| 2023 Quarter 2                              | 41                                   | 100                                  | 70                                   | 2100                                  | 5000                                  | 290                                   | 1000                                  |
| 2023 Quarter 3                              | 44                                   | 59                                   | 59                                   | 1800                                  | 5000                                  | 280                                   | 970                                   |
| 2023 Quarter 4                              | 41                                   | 100                                  | 91                                   | 2300                                  | 6400                                  | 340                                   | 1300                                  |
| 2024 Quarter 1                              | 47                                   | 100                                  | 75                                   | 2300                                  | 6400                                  | 370                                   | 1500                                  |
| 2024 Quarter 2                              | 46                                   | 110                                  | 81                                   | 2400                                  | 7000                                  | 400                                   | 1400                                  |
| 2024 Quarter 3                              | 44                                   | 75                                   | 53                                   | 1900                                  | 5000                                  | 310                                   | 1100                                  |
| 2024 Quarter 4                              | 43                                   | 91                                   | 64                                   | 2000                                  | 5000                                  | 320                                   | 1100                                  |
| 2025 Quarter 1                              | 33                                   | 100                                  | 59                                   | 1900                                  | 5000                                  | 330                                   | 1200                                  |
| Mean (M)                                    | 44.2                                 | 97.4                                 | 73.6                                 | 2494.1                                | 6595.9                                | 347.3                                 | 1299.0                                |
| Standard Deviation<br>(SD) <sub>[n-1]</sub> | 9.6                                  | 17.2                                 | 15.2                                 | 477.8                                 | 1354.1                                | 50.2                                  | 165.8                                 |
| 2SD Lower Limit<br>(M-2 $\sigma$ )          | 24.9                                 | 62.9                                 | 43.2                                 | 1538.5                                | 3887.7                                | 246.9                                 | 967.5                                 |
| 2SD Upper Limit (M+2 $\sigma$ )             | 63.5                                 | 131.9                                | 104.0                                | 3449.8                                | 9304.1                                | 447.7                                 | 1630.5                                |
| 3SD Lower Limit<br>(M-3 $\sigma$ )          | 15.3                                 | 45.7                                 | 28.0                                 | 1060.7                                | 2533.7                                | 196.7                                 | 801.7                                 |
| 3SD Upper Limit(M+3 $\sigma$ )              | 73.2                                 | 149.1                                | 119.2                                | 3927.6                                | 10658.1                               | 497.9                                 | 1796.3                                |

[This page is intentionally blank.]

# **SAMPLE COLLECTION LOGS**

[This page is intentionally blank.]

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347250

WORK ORDER:

|                              | <u>AS PLANNED</u> | <u>AS COLLECTED</u> |                   | <u>AS PLANNED</u> | <u>AS COLLECTED</u>  |
|------------------------------|-------------------|---------------------|-------------------|-------------------|----------------------|
| Date Collected (MM/DD/YYYY): |                   | 01/29/2025          | FIELD MATRIX:     | GAS               | ok                   |
| TIME COLLECTED (HH:MM):      |                   | 0924                | MEDIA:            | GAS               |                      |
| SWMU/AOC:                    |                   | TA-63               | SAMPLE TECH CODE: | VOST              |                      |
| LOCATION ID:                 | 63-2009           | ok                  | FIELD PREP:       |                   |                      |
| LOCATION TYPE:               | AMS               |                     | FIELD QC TYPE:    | REG               |                      |
| TOP DEPTH:                   | 6.5 ft            |                     | SAMPLE USAGE:     | INV               |                      |
| BOTTOM DEPTH:                | 7.5 ft            |                     | EXCAVATED:        |                   | YES / NO / <u>NA</u> |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS: Port 7

LOCATION COMMENTS: Summit # N2484

FIELD PARAMETERS:

Sample Time 0924 HH:MM

CH<sub>4</sub> = 0% CO<sub>2</sub> = 20.4 ppm O<sub>2</sub> = 8600% VOC = 0.0 ppm

COMPLETED BY (PRINT): m. stajny

COLLECTED BY (PRINT): m. shendo

REVIEWED BY (PRINT):

|  |                            |  |                         |
|--|----------------------------|--|-------------------------|
| RELINQUISHED BY (Printed Name) (Signature) <i>Melissa Stajny</i> | Date/Time 01/29/2025 12:45 | RECEIVED BY (Printed Name) (Signature) <i>Melissa Stajny</i> | Date/Time 1/29/25 12:45 |
| RELINQUISHED BY (Printed Name) (Signature)                       | Date/Time                  | RECEIVED BY (Printed Name) (Signature)                       | Date/Time               |
| RELINQUISHED BY (Printed Name) (Signature)                       | Date/Time                  | RECEIVED BY (Printed Name) (Signature)                       | Date/Time               |

Report Date: 01/09/2025



**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347251

WORK ORDER:

|                              | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED                                   |
|------------------------------|------------|--------------|-------------------|------------|--|
| Date Collected (MM/DD/YYYY): |            | 01/29/2025   | FIELD MATRIX:     | GAS        | ok   |
| TIME COLLECTED (HH:MM):      |            | 0944         | MEDIA:            | GAS        |  |
| SWMU/AOC:                    |            | TA-63        | SAMPLE TECH CODE: | VOST       |  |
| LOCATION ID:                 | 63-2010    | ok           | FIELD PREP:       |            |  |
| LOCATION TYPE:               | AMS        |              | FIELD QC TYPE:    | REG        |  |
| TOP DEPTH:                   | 6.5 ft     |              | SAMPLE USAGE:     | INV        |  |
| BOTTOM DEPTH:                | 7.5 ft     |              | EXCAVATED:        |            | YES / NO / <input checked="" type="radio"/> NA |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS:

Port 1

LOCATION COMMENTS:

Summit #

FIELD PARAMETERS:

Sample Time NA HH:MM

CH<sub>4</sub> = 0 % CO<sub>2</sub> = 5000 ppm O<sub>2</sub> = 20.7 % VOC = 0.3 ppm

COMPLETED BY (PRINT): m. shah

COLLECTED BY (PRINT): m. Begay

REVIEWED BY (PRINT):

|   |                                 |  |                              |
|---|---------------------------------|--|------------------------------|
| RELINQUISHED BY (Printed Name) (Signature) <i>m. shah</i> | Date/Time<br>01/29/2025<br>1245 | RECEIVED BY (Printed Name) (Signature) <i>Melissa M...</i> | Date/Time<br>1/29/25<br>1245 |
| RELINQUISHED BY (Printed Name) (Signature)                | Date/Time                       | RECEIVED BY (Printed Name) (Signature)                     | Date/Time                    |
| RELINQUISHED BY (Printed Name) (Signature)                | Date/Time                       | RECEIVED BY (Printed Name) (Signature)                     | Date/Time                    |

Report Date: 01/09/2025

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347252

WORK ORDER:

|                              | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED                                   |
|------------------------------|------------|--------------|-------------------|------------|--|
| Date Collected (MM/DD/YYYY): |            | 01/29/2025   | FIELD MATRIX:     | GAS        | OK   |
| TIME COLLECTED (HH:MM):      |            | 1005         | MEDIA:            | GAS        |  |
| SWMU/AOC:                    |            | TA-63        | SAMPLE TECH CODE: | VOST       |  |
| LOCATION ID:                 | 63-2011    | OK           | FIELD PREP:       |            |  |
| LOCATION TYPE:               | AMS        |              | FIELD QC TYPE:    | REG        |  |
| TOP DEPTH:                   | 6.5 ft     |              | SAMPLE USAGE:     | INV        |  |
| BOTTOM DEPTH:                | 7.5 ft     |              | EXCAVATED:        |            | YES / NO / <input checked="" type="radio"/> NA |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS:

Port 1

LOCATION COMMENTS:

Summa # 22541

FIELD PARAMETERS:

Sample Time NA HH:MM

CH<sub>4</sub> = 0 % CO<sub>2</sub> = 3200 ppm O<sub>2</sub> = 20.7 % VOC = 0.1 ppm

COMPLETED BY (PRINT): m. jastrow

COLLECTED BY (PRINT): m. Bagan

REVIEWED BY (PRINT):

|  |                                 |  |                              |
|--|---------------------------------|--|------------------------------|
| RELINQUISHED BY (Printed Name) <i>m. jastrow</i><br>(Signature) <i>[Signature]</i> | Date/Time<br>01/29/2025<br>1245 | RECEIVED BY (Printed Name) <i>Melissa K...</i><br>(Signature) <i>[Signature]</i> | Date/Time<br>1/29/25<br>1245 |
| RELINQUISHED BY (Printed Name)<br>(Signature)                                      | Date/Time                       | RECEIVED BY (Printed Name)<br>(Signature)  | Date/Time                    |
| RELINQUISHED BY (Printed Name)<br>(Signature)                                      | Date/Time                       | RECEIVED BY (Printed Name)<br>(Signature)  | Date/Time                    |

Report Date: 01/09/2025

### SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347253

WORK ORDER:

|                              | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED         |
|------------------------------|------------|--------------|-------------------|------------|----------------------|
| Date Collected (MM/DD/YYYY): |            | 01/29/2025   | FIELD MATRIX:     | GAS        | ok                   |
| TIME COLLECTED (HH:MM):      |            | 1047         | MEDIA:            | GAS        |                      |
| SWMU/AOC:                    |            | TA-63        | SAMPLE TECH CODE: | VOST       |                      |
| LOCATION ID:                 | 63-2012    | ok           | FIELD PREP:       |            |                      |
| LOCATION TYPE:               | AMS        |              | FIELD QC TYPE:    | REG        |                      |
| TOP DEPTH:                   | 24 ft      |              | SAMPLE USAGE:     | INV        |                      |
| BOTTOM DEPTH:                | 25 ft      |              | EXCAVATED:        |            | YES / NO / <u>NA</u> |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS:

Port 1

LOCATION COMMENTS:

Summa # 34204

FIELD PARAMETERS:

Sample Time NA HH:MM

CH<sub>4</sub> = 0 % CO<sub>2</sub> = 11800 ppm O<sub>2</sub> = 19.6 % VOC = 0.9 ppm

COMPLETED BY (PRINT): m. strawn

COLLECTED BY (PRINT): m. strawn

REVIEWED BY (PRINT):

|   |   |   |  |
|---|---|---|--|
| RELINQUISHED BY<br>(Printed Name)<br>(Signature) <u>m. strawn</u> | Date/Time<br><u>01/29/2025</u><br><u>1245</u> | RECEIVED BY<br>(Printed Name)<br>(Signature) <u>Michelle Alford</u> | Date/Time<br><u>1/29/25</u><br><u>1245</u> |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                  | Date/Time                                     | RECEIVED BY<br>(Printed Name)<br>(Signature)                        | Date/Time                                  |
| RELINQUISHED BY<br>(Printed Name)<br>(Signature)                  | Date/Time                                     | RECEIVED BY<br>(Printed Name)<br>(Signature)                        | Date/Time                                  |

Report Date: 01/09/2025

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347254

WORK ORDER:

|                              | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED         |
|------------------------------|------------|--------------|-------------------|------------|----------------------|
| Date Collected (MM/DD/YYYY): |            | 01/29/2025   | FIELD MATRIX:     | GAS        | o/c                  |
| TIME COLLECTED (HH:MM):      |            | 1:07         | MEDIA:            | GAS        |                      |
| SWMU/AOC:                    |            | TA-63        | SAMPLE TECH CODE: | VOST       |                      |
| LOCATION ID:                 | 63-2012    | ok           | FIELD PREP:       |            |                      |
| LOCATION TYPE:               | AMS        |              | FIELD QC TYPE:    | REG        |                      |
| TOP DEPTH:                   | 59 ft      |              | SAMPLE USAGE:     | INV        |                      |
| BOTTOM DEPTH:                | 60 ft      |              | EXCAVATED:        |            | YES / NO / <u>NA</u> |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS: Port 2

LOCATION COMMENTS: Summa # 2971

FIELD PARAMETERS:

Sample Time NA HH:MM  
 CH<sub>4</sub> = 0 % CO<sub>2</sub> = 14200 ppm O<sub>2</sub> = 19.2 % VOC = 1.4 ppm

COMPLETED BY (PRINT): m. Statten

COLLECTED BY (PRINT): m. Statten

REVIEWED BY (PRINT):

|  |  |   |  |
|--|--|---|--|
| RELINQUISHED BY (Printed Name) <u>m. Statten</u><br>(Signature) <u>[Signature]</u> | Date/Time<br><u>01/29/2025</u><br><u>12:45</u> | RECEIVED BY (Printed Name) <u>[Signature]</u><br>(Signature) <u>[Signature]</u> | Date/Time<br><u>01/29/25</u><br><u>12:45</u> |
| RELINQUISHED BY (Printed Name)<br>(Signature)                                      | Date/Time                                      | RECEIVED BY (Printed Name)<br>(Signature)                                       | Date/Time                                    |
| RELINQUISHED BY (Printed Name)<br>(Signature)                                      | Date/Time                                      | RECEIVED BY (Printed Name)<br>(Signature)                                       | Date/Time                                    |

Report Date: 01/09/2025

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347255

WORK ORDER:

|                              | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED  |
|------------------------------|------------|--------------|-------------------|------------|---------------|
| Date Collected (MM/DD/YYYY): |            | 01/29/2025   | FIELD MATRIX:     | GAS        | ok            |
| TIME COLLECTED (HH:MM):      |            | 11:32        | MEDIA:            | GAS        |               |
| SWMU/AOC:                    |            | TA-63        | SAMPLE TECH CODE: | VOST       |               |
| LOCATION ID:                 | 63-2013    | ok           | FIELD PREP:       |            |               |
| LOCATION TYPE:               | AMS        |              | FIELD QC TYPE:    | REG        |               |
| TOP DEPTH:                   | 24 ft      |              | SAMPLE USAGE:     | INV        |               |
| BOTTOM DEPTH:                | 25 ft      |              | EXCAVATED:        |            | YES / NO / NA |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS:

Port 2

LOCATION COMMENTS:

Summit # 33983

FIELD PARAMETERS:

Sample Time NA HH:MM

CH<sub>4</sub> = 0 % CO<sub>2</sub> = 31200 ppm O<sub>2</sub> = 18.3 % VOC = 0.1 ppm

COMPLETED BY (PRINT): m. stacy

COLLECTED BY (PRINT): m. stacy

REVIEWED BY (PRINT):

|   |                            |  |                         |
|---|----------------------------|--|-------------------------|
| RELINQUISHED BY (Printed Name) melissa stacy (Signature) <i>[Signature]</i> | Date/Time 01/29/2025 12:45 | RECEIVED BY (Printed Name) Melissa Murphy (Signature) <i>[Signature]</i> | Date/Time 1/29/25 12:45 |
| RELINQUISHED BY (Printed Name) (Signature)                                  | Date/Time                  | RECEIVED BY (Printed Name) (Signature)                                   | Date/Time               |
| RELINQUISHED BY (Printed Name) (Signature)                                  | Date/Time                  | RECEIVED BY (Printed Name) (Signature)                                   | Date/Time               |

Report Date: 01/09/2025

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347256

WORK ORDER:

|                              | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED         |
|------------------------------|------------|--------------|-------------------|------------|----------------------|
| Date Collected (MM/DD/YYYY): |            | 01/29/2025   | FIELD MATRIX:     | GAS        | o/c                  |
| TIME COLLECTED (HH:MM):      |            | 11:55        | MEDIA:            | GAS        |                      |
| SWMU/AOC:                    |            | TA-63        | SAMPLE TECH CODE: | VOST       |                      |
| LOCATION ID:                 | 63-2013    | ok           | FIELD PREP:       |            |                      |
| LOCATION TYPE:               | AMS        |              | FIELD QC TYPE:    | REG        |                      |
| TOP DEPTH:                   | 59 ft      |              | SAMPLE USAGE:     | INV        |                      |
| BOTTOM DEPTH:                | 60 ft      |              | EXCAVATED:        |            | YES / NO / <u>NA</u> |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS: Port 2

LOCATION COMMENTS: Summa # 0φ18φ

FIELD PARAMETERS:  
 Sample Time NA HH:MM  
 $CH_4 = 0\%$   $CO_2 = 23400$  ppm  $O_2 = 18.5\%$   $VOC = 0.5$  ppm

COMPLETED BY (PRINT): m. j. stanton

COLLECTED BY (PRINT): m. j. stanton

REVIEWED BY (PRINT):

|   |   |   |  |
|---|---|---|--|
| RELINQUISHED BY (Printed Name) <u>m. j. stanton</u><br>(Signature) <u>[Signature]</u> | Date/Time <u>01/29/2025</u><br><u>12:45</u> | RECEIVED BY (Printed Name) <u>[Signature]</u><br>(Signature) <u>[Signature]</u> | Date/Time <u>1/29/25</u><br><u>12:45</u> |
| RELINQUISHED BY (Printed Name) _____<br>(Signature) _____                             | Date/Time _____                             | RECEIVED BY (Printed Name) _____<br>(Signature) _____                           | Date/Time _____                          |
| RELINQUISHED BY (Printed Name) _____<br>(Signature) _____                             | Date/Time _____                             | RECEIVED BY (Printed Name) _____<br>(Signature) _____                           | Date/Time _____                          |

Report Date: 01/09/2025

### SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347257

WORK ORDER:

|                              | AS PLANNED                    | AS COLLECTED |                   | AS PLANNED | AS COLLECTED                                   |
|------------------------------|-------------------------------|--------------|-------------------|------------|--|
| Date Collected (MM/DD/YYYY): |                               | 01/29/2025   | FIELD MATRIX:     | GAS        | o/c  |
| TIME COLLECTED (HH:MM):      |                               | 12:19        | MEDIA:            | Nitrogen   |  |
| SWMU/AOC:                    |                               | TA-63        | SAMPLE TECH CODE: | VOST       |  |
| LOCATION ID:                 | Specified At Time Of Sampling | 63-2013      | FIELD PREP:       | NA         |  |
| LOCATION TYPE:               | NA                            | o/c          | FIELD QC TYPE:    | FB         |  |
| TOP DEPTH:                   | NA                            |              | SAMPLE USAGE:     | QC         | ↓  |
| BOTTOM DEPTH:                | NA                            | ↓            | EXCAVATED:        |            | YES / NO / <input checked="" type="radio"/> NA |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | 1             | 6 Liter Summa        |

SAMPLE COMMENTS:

QC sample of TWF63-25-347256

LOCATION COMMENTS:

Summa # 1245

FIELD PARAMETERS:

Sample Time \_\_\_\_\_ HH:MM

MS  
NA

COMPLETED BY (PRINT): m. j. stam

COLLECTED BY (PRINT): m. j. stam

REVIEWED BY (PRINT):

|  |                                  |  |                               |
|--|----------------------------------|--|-------------------------------|
| RELINQUISHED BY (Printed Name) (Signature) <i>m. j. stam</i> | Date/Time<br>01/29/2025<br>12:19 | RECEIVED BY (Printed Name) (Signature) <i>Phillip Mugh</i> | Date/Time<br>1/29/25<br>12:45 |
| RELINQUISHED BY (Printed Name) (Signature)                   | Date/Time                        | RECEIVED BY (Printed Name) (Signature)                     | Date/Time                     |
| RELINQUISHED BY (Printed Name) (Signature)                   | Date/Time                        | RECEIVED BY (Printed Name) (Signature)                     | Date/Time                     |

Report Date: 01/09/2025

**SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY**

EVENT ID: 16722

EVENT NAME: FY25 - Poregas Sampling - January - TA-63 - TWF

SAMPLE ID: TWF63-25-347258

WORK ORDER:

|  | AS PLANNED | AS COLLECTED |                   | AS PLANNED | AS COLLECTED                                   |
|--|------------|--------------|-------------------|------------|--|
| Date Collected (MM/DD/YYYY):               |            | 01/29/2025   | FIELD MATRIX:     | GAS        | o/c  |
| TIME COLLECTED (HH:MM):                    |            | 1205         | MEDIA:            | GAS        |  |
| SWMU/AOC:                                  |            | TA-63        | SAMPLE TECH CODE: | VOST       |  |
| LOCATION ID: Specified at time of sampling |            | 63-2013      | FIELD PREP:       | NA         |  |
| LOCATION TYPE:                             | AMS        | ok           | FIELD QC TYPE:    | FD         |  |
| TOP DEPTH:                                 | 59 ft      |              | SAMPLE USAGE:     | QC         | ↓  |
| BOTTOM DEPTH:                              | 60 ft      | ↓            | EXCAVATED:        |            | YES / NO / <input checked="" type="radio"/> NA |

| PRIORITY | ORDER | CONTAINER              | # | PRESERVATIVE | COLLECTED Y/N | SPECIAL INSTRUCTIONS |
|----------|-------|------------------------|---|--------------|---------------|----------------------|
| NA       | TO15  | 6 Liter Summa Canister | 1 | NONE         | Y             | 6 Liter Summa        |

SAMPLE COMMENTS: Port 2 Field Duplicate

LOCATION COMMENTS: Summa # N2913

FIELD PARAMETERS:

Sample Time NA HH:MM

CH<sub>4</sub> = 0 % CO<sub>2</sub> = 23000 ppm O<sub>2</sub> = 18.5 % VOC = 0.3 ppm

COMPLETED BY (PRINT): m. Staring

COLLECTED BY (PRINT): m. Staring

REVIEWED BY (PRINT):

|  |                           |   |                        |
|--|---------------------------|---|------------------------|
| RELINQUISHED BY (Printed Name) (Signature) <i>m. Staring</i> | Date/Time 01/29/2025 1205 | RECEIVED BY (Printed Name) (Signature) <i>Philip M...</i> | Date/Time 1/29/25 1245 |
| RELINQUISHED BY (Printed Name) (Signature)                   | Date/Time                 | RECEIVED BY (Printed Name) (Signature)                    | Date/Time              |
| RELINQUISHED BY (Printed Name) (Signature)                   | Date/Time                 | RECEIVED BY (Printed Name) (Signature)                    | Date/Time              |

Report Date: 01/09/2025