ESHID-603949

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**Symbol:** EPC-DO-26-058
**Date:** March 27, 2026
**LA-UR:** LA-UR-26-22325

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 2026, 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 2026, Quarter 1,* to the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB). The report is submitted in accordance with the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, EPA ID# NM0890010515 (Permit) Part 3, Section 3.14.3

The Permit requires that the soil vapor monitoring system at the LANL Technical Area 63 Transuranic Waste Facility be sampled quarterly and evaluated for designated volatile organic compounds to ensure the protection of environmental health and safety, including that of onsite workers. The enclosed report provides the results of calendar year 2026, Quarter 1 sampling conducted on January 28, 2026. The sampling results indicate that vapor concentrations at the site do not exceed the soil gas screening levels presented in the Permit.

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 or Naveen Chennubhotla (Triad) at (505) 629-7401 or by email at naveenc@lanl.gov.

Sincerely,

STEVEN STORY (Affiliate)
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Steven L. Story
Division Leader
Environmental Protection and Compliance
Triad National Security, LLC

Sincerely,

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

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Enclosure: *Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2026, Quarter 1*

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2905 Rodeo Park Drive East, Building 1
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# ENCLOSURE

*Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2026, Quarter 1*

Date: March 27, 2026

EPC-DO-26-058
LA-UR-26-22325

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

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# CERTIFICATION

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## 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.

STEVEN STORY (Affiliate)
Digitally signed by STEVEN STORY (Affiliate)
Date: 2026.03.25 09:57:45 -06'00'

**Steven L. Story**
Division Leader
Environmental Protection and Compliance
Triad National Security, LLC

Date Signed

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

Date Signed

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# Technical Area 63 Transuranic Waste Facility
# Soil Vapor Monitoring System Report, Calendar Year 2026, Quarter 1

## I Introduction

This report provides the calendar year 2026, Quarter 1 (CY2026, 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*. The field sampling took place on January 28, 2026.

Sampling and laboratory analytical results for CY2026, 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 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 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 VI of this report (LANL 2017 through LANL 2025d).

## 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 approximately 400 feet from the boundary of 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 CY2026, Quarter 1 sampling event occurred on January 28, 2026. 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.

The field blank sample for this quarter demonstrates the presence of dichloroethane[1,1-], cyclohexane, dichloroethene[cis-1,2-], and isooctane. A review regarding the detects in the field blank is ongoing and will be reported on in the next quarterly 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 – CY2026 Quarter 1*, presents a summary of the laboratory analytical results for detected VOCs for this quarter. The table provides results for both non-qualified (NQ) and estimated (J-qualified) detections. Each vapor 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 – CY2026 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. Table 3 is also provided in electronic format on the enclosed disc and presents data for the entire sampling period.

A statistical analysis of the TCE results is presented through trendline figures (Figure 2) and Table 4, *Statistical Analyses of TCE Results*. The trendlines in Figure 2 and Table 4 present TCE data and 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 (63-2012) and VMW-5 (63-2013) are the closest vapor monitoring wells to MDA C. The TCE concentrations measured in VMW-4 in the 25-ft and 60-ft port depths are 1800 micrograms per cubic meter (μg/$m^3$) (1.1% of the SGSL) and 5000 μg/$m^3$ (5.4% of the SGSL), respectively. The TCE concentrations measured in VMW-5 at the 25-ft and 60-ft port depths are 340 μg/$m^3$ (0.2% of the SGSL) and 1200 μg/$m^3$ (1.3% of the SGSL), 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: 0.4%, 0.4%, and 0.3%, respectively. Figure 2, *TCE data plots for vapor monitoring at the Transuranic Waste Facility* depicts TCE concentrations over time with a trendline showing the general trend of the concentrations.

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 110 μg/$m^3$ (0.5% of the SGSL) and 170 μg/$m^3$ (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 μg/$m^3$ (0.3% of the SGSL) and 32 μg/$m^3$ (J-qualified or estimated) (<0.1% of the SGSL) in the 25-ft and 60-ft sampling ports, respectively. Chloroform is also inconsistently detected in vapor monitoring wells VMW-1 and VWM-2, 5-ft ports. Neither of the shallow wells indicate detections of chloroform this quarter.

Vapor monitoring wells VMW-4 and VMW-5 frequently demonstrate concentrations above the laboratory report detection limits for dichlorodifluoromethane, tetrachloroethylene, trichloro-1,2,2-trifluoroethane[1,1,2-], carbon tetrachloride, and trichloroethane[1,1,1-]. The concentrations for these VOCs, when detected, are very low at less than 0.1% of the relevant SGSLs. Dichlorodifluoromethane is irregularly detected in the 5-foot ports of VMW-1, VMW-2, and VMW-3. This quarter, dichlorodifluoromethane was not detected in VMW-1, VMW-2, or VMW-3. This quarter, tetrachloroethylene is detected in VMW-1, 5-foot port with a concentration of 51 μg/$m^3$ which is <0.1% of the SGSL.

Low levels of hydrocarbons—including xylenes, toluene, ethylbenzene, heptane, and hexane—have occasionally been detected in the vapor monitoring wells. These constituents are included in the Permit Tables, but results have consistently been well below their SGSLs and are typically estimated. Although m-xylene and p-xylene are listed separately in the Permit Tables, these constituents cannot be analyzed separately due to their close positioning in the gas chromatograph mass spectrum and are reported in the analytical results as m+p xylene. Since m-xylene and p-xylene concentrations cannot be separated out in the analytical results, the m+p xylene results, when detected, will be compared to the SGSL listed for xylenes (total) in the Permit Tables because the SGSL listed for xylenes (total) is more conservative than that for either m-xylene or p-xylene for all port depths. Analytical results for this quarter do not indicate the presence of these constituents.

Other constituents listed in the Permit Tables that have been infrequently detected in the vapor monitoring wells include 2-butanone (methyl ethyl ketone [MEK]) and carbon disulfide. Analytical results for this quarter do not indicate the presence of these constituents in any vapor monitoring wells.

### 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.

Constituents that are not listed in the Permit Tables are occasionally detected and reported. These detects are discussed below. Since the constituents are not listed in the Permit Tables, they are not compared to an SGSL.

Ethanol has been intermittently detected at estimated (J-qualified) concentrations in all of vapor monitoring wells during previous sampling events. It has been previously detected in the 5-ft ports of VMW-1, VMW-2, and VMW-3 and in the 60-ft ports of VMW-4 and VMW-5. Ethanol is not listed in the Permit Tables; therefore, no SGSL is available for comparison. This quarter, ethanol was not detected in any samples. Its presence will continue to be monitored as part of routine sampling.

Propanol[2-] (isopropyl alcohol) has also been detected at estimated (J-qualified) concentrations in VMW-1, VMW-3, VMW-4 in the 25-ft and 60-ft ports, and VMW-5 in the 60-ft port. Like ethanol, propanol[2-] is not listed in the Permit Tables, and no SGSL is available for comparison. This quarter, there are no detections of propanol[2-] in any of the vapor wells. The constituent will remain under routine monitoring.

Tetrahydrofuran has previously been detected in VMW-5 in the 25-ft port and in the 60-ft port field duplicate. The Permit Tables do not list tetrahydrofuran, so there is no associated SGSL for comparison. No detections occurred during the current sampling event.

VMW-4 and VMW-5 have shown infrequent detections of bromodichloromethane in previous sampling events. Bromodichloromethane is not a constituent of concern in the Permit Tables, so no SGSL is available for comparison. When detected, results have been estimated (J-qualified) and well below the report detection limit. This quarter, bromodichloromethane was not detected in the vapor monitoring wells.

## 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.

The TCE analytical results for vapor monitoring wells VMW-1 through VMW-5 continue to demonstrate stable conditions with no significant deviations or anomalous spikes in concentration levels. The statistical and graphical evaluation of quarterly data from 2017 through 2026 Q1 supports this conclusion. Figure 2, *TCE data plots for vapor monitoring at the Transuranic Waste Facility*, displays quarterly TCE concentrations for each well and port depth and depicts trendlines. The trendlines generally follow a flat or downward trajectory. This visual trend across all wells indicates consistent or slightly decreasing TCE levels over time. No upward trends or sudden increases in TCE concentrations have been observed and seasonal variability appears absent.

According to Table 4, all TCE measurements remain within three standard deviations of the mean for each well and sampling port, except for this quarter's TCE measurement in VMW-1. Although the TCE concentration detected this quarter at VMW-1 falls slightly above three standard deviations above the mean, it is still well below the SGSL (0.4% of the SGSL) for the 5-foot port depth applicable to that well. The overall statistical data suggests no unexpected variability and supports the interpretation that the TCE concentrations are reasonably stable over time. At all sampling depths, TCE concentrations are more than one order of magnitude below the respective SGSLs. For example, even the highest average concentration—6.4E+03 µg/m³ at the 60-foot port of VMW-4—is still well below the 9.27E+04 µg/m³ SGSL for that depth. The consistently low TCE concentrations, well below SGSLs, further reinforce that current subsurface vapor conditions do not pose a risk to indoor air quality in nearby buildings.

## VI References


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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.

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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.

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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.

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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 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. "Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 1," (EWP-25-007) of March 26, 2025. Los Alamos National Laboratory, New Mexico.

LANL 2025b. "Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 2," (EWP-25-019) of June 26, 2025. Los Alamos National Laboratory, New Mexico.

LANL 2025c. "Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 3," (EPC-DO-25-248) of September 26, 2025. Los Alamos National Laboratory, New Mexico.

LANL 2025d. "Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Calendar Year 2025, Quarter 4," (EPC-DO-25-374) of December 18, 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.

# FIGURES AND TABLES

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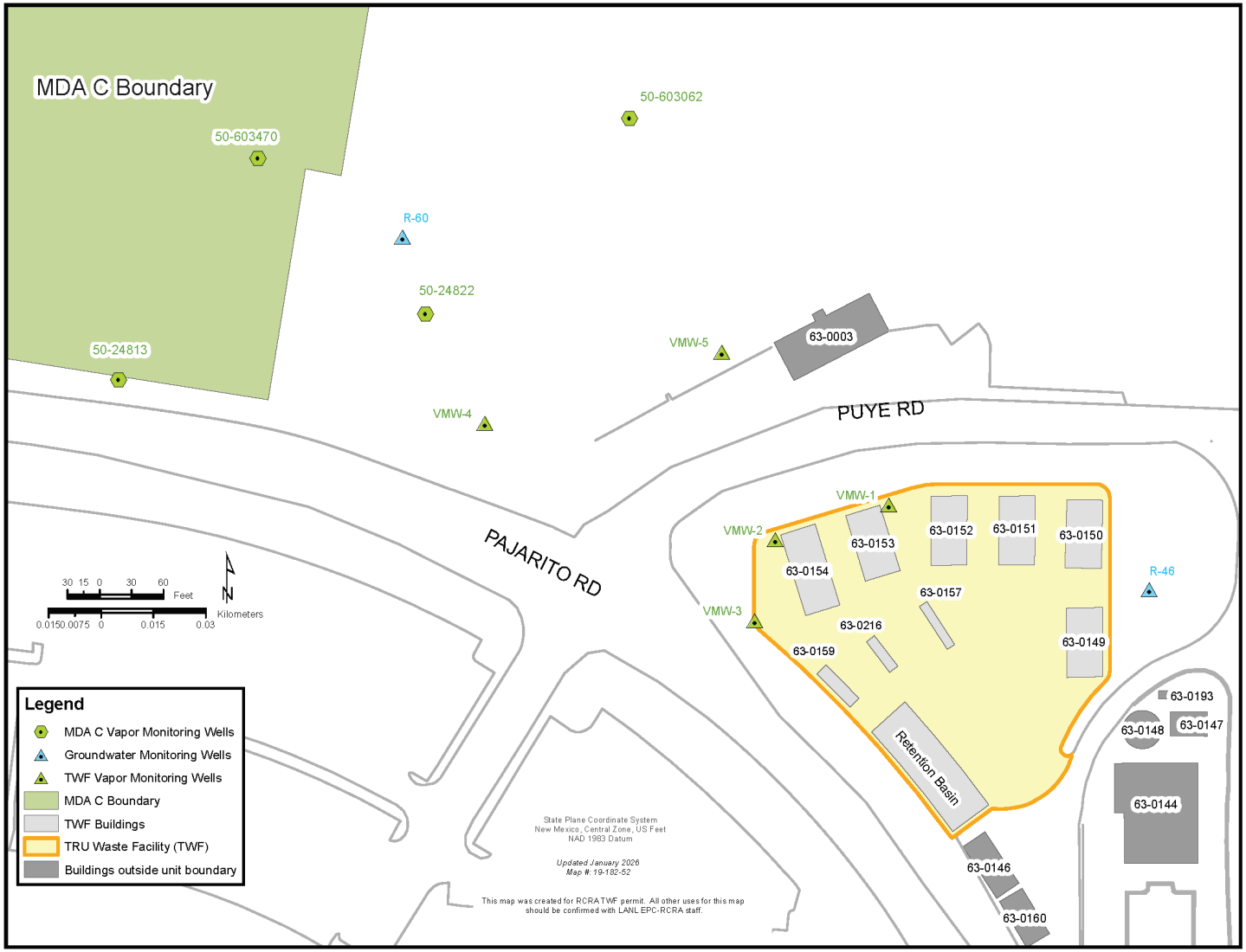


*Figure 1. Soil vapor monitoring well locations at TA-63 TWF*

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*Figure 2. TCE data plots for vapor monitoring at the Transuranic Waste Facility*

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Table 1. Detected Volatile Organic Compounds at TA-63 Transuranic Waste Facility - CY2026 Quarter 1

| Location ID | Field Sample ID | Port Depth (ft) | Sample Purpose | Parameter Code | Parameter Name | Parameter Listing in Permit | Report Result (µg/m3) | Validation Qualifier | Report Detection Limit (µg/m3) | SGSL (µg/m3) | % SGSL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2009 | TWF63-26-383988 | 5 | REG | 127-18-4 | Tetrachloroethene | Tetrachloroethylene | 51 | NQ | 49 | 4.1E+05 | <0.1 |
| 63-2009 | TWF63-26-383988 | 5 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 81 | NQ | 39 | 1.9E+04 | 0.4 |
| 63-2010 | TWF63-26-383990 | 5 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 86 | NQ | 39 | 1.9E+04 | 0.4 |
| 63-2011 | TWF63-26-383992 | 5 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 59 | NQ | 41 | 1.9E+04 | 0.3 |
| 63-2012 | TWF63-26-383994 | 25 | REG | 56-23-5 | Carbon Tetrachloride | Carbon tetrachloride | 31 | J | 47 | 1.1E+05 | <0.1 |
| 63-2012 | TWF63-26-383994 | 25 | REG | 67-66-3 | Chloroform | Chloroform | 110 | NQ | 36 | 2.3E+04 | 0.5 |
| 63-2012 | TWF63-26-383994 | 25 | REG | 75-71-8 | Dichlorodifluoromethane | Dichlorodifluoromethane | 46 | NQ | 37 | 2.6E+06 | <0.1 |
| 63-2012 | TWF63-26-383994 | 25 | REG | 127-18-4 | Tetrachloroethene | Tetrachloroethylene | 43 | J | 50 | 2.6E+06 | <0.1 |
| 63-2012 | TWF63-26-383994 | 25 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 1800 | NQ | 40 | 1.6E+05 | 1.1 |
| 63-2012 | TWF63-26-383995 | 60 | REG | 56-23-5 | Carbon Tetrachloride | Carbon tetrachloride | 88 | NQ | 46 | 2.1E+05 | <0.1 |
| 63-2012 | TWF63-26-383995 | 60 | REG | 67-66-3 | Chloroform | Chloroform | 170 | NQ | 36 | 4.4E+04 | 0.4 |
| 63-2012 | TWF63-26-383995 | 60 | REG | 75-71-8 | Dichlorodifluoromethane | Dichlorodifluoromethane | 110 | NQ | 36 | 5.4E+06 | <0.1 |
| 63-2012 | TWF63-26-383995 | 60 | REG | 127-18-4 | Tetrachloroethene | Tetrachloroethylene | 350 | NQ | 49 | 2.1E+06 | <0.1 |
| 63-2012 | TWF63-26-383995 | 60 | REG | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1,1,2-Trichloro-1,2,2-trifluoroethane | 26 | J | 56 | 1.4E+09 | <0.1 |
| 63-2012 | TWF63-26-383995 | 60 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 5000 | NQ | 39 | 9.3E+04 | 5.4 |
| 63-2013 | TWF63-26-383996 | 25 | REG | 67-66-3 | Chloroform | Chloroform | 59 | NQ | 36 | 2.3E+04 | 0.3 |
| 63-2013 | TWF63-26-383996 | 25 | REG | 75-71-8 | Dichlorodifluoromethane | Dichlorodifluoromethane | 35 | J | 37 | 2.6E+06 | <0.1 |
| 63-2013 | TWF63-26-383996 | 25 | REG | 127-18-4 | Tetrachloroethene | Tetrachloroethylene | 190 | NQ | 50 | 2.6E+06 | <0.1 |
| 63-2013 | TWF63-26-383996 | 25 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 340 | NQ | 40 | 1.6E+05 | 0.2 |
| 63-2013 | TWF63-26-383997 | 60 | REG | 56-23-5 | Carbon Tetrachloride | Carbon tetrachloride | 18 | J | 46 | 2.1E+05 | <0.1 |
| 63-2013 | TWF63-26-383997 | 60 | REG | 67-66-3 | Chloroform | Chloroform | 32 | J | 36 | 4.4E+04 | <0.1 |
| 63-2013 | TWF63-26-383997 | 60 | REG | 75-71-8 | Dichlorodifluoromethane | Dichlorodifluoromethane | 64 | NQ | 36 | 5.4E+06 | <0.1 |
| 63-2013 | TWF63-26-383997 | 60 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 1,1,1-Trichloroethane | 25 | J | 40 | 2.3E+08 | <0.1 |
| 63-2013 | TWF63-26-383997 | 60 | REG | 79-01-6 | Trichloroethene | Trichloroethylene | 1200 | NQ | 39 | 9.3E+04 | 1.3 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 56-23-5 | Carbon Tetrachloride | Carbon tetrachloride | 18 | J | 46 | 2.1E+05 | <0.1 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 67-66-3 | Chloroform | Chloroform | 35 | J | 36 | 4.4E+04 | <0.1 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 75-71-8 | Dichlorodifluoromethane | Dichlorodifluoromethane | 59 | NQ | 36 | 5.4E+06 | <0.1 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 127-18-4 | Tetrachloroethene | Tetrachloroethylene | 180 | NQ | 49 | 2.1E+06 | <0.1 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1,1,2-Trichloro-1,2,2-trifluoroethane | 62 | NQ | 56 | 1.4E+09 | <0.1 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 71-55-6 | Trichloroethane[1,1,1-] | 1,1,1-Trichloroethane | 31 | J | 40 | 2.3E+08 | <0.1 |
| 63-2013 | TWF63-26-383998 | 60 | FD | 79-01-6 | Trichloroethene | Trichloroethylene | 1200 | NQ | 39 | 9.3E+04 | 1.3 |
| 63-2013 | TWF63-26-383999 | N/A | FB | 110-82-7 | Cyclohexane | N/A | 16 | J | 20 | N/A | N/A |
| 63-2013 | TWF63-26-383999 | N/A | FB | 75-34-3 | Dichloroethane[1,1-] | N/A | 24 | NQ | 23 | N/A | N/A |
| 63-2013 | TWF63-26-383999 | N/A | FB | 156-59-2 | Dichloroethene[cis-1,2-] | N/A | 19 | J | 23 | N/A | N/A |
| 63-2013 | TWF63-26-383999 | N/A | FB | 540-84-1 | Isooctane | N/A | 25 | J | 27 | N/A | N/A |

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

FB = field blank

FD = field duplicate

SGSL = Soil Gas Screening Level from Permit Part 3, Tables 3.14.3.1 through 3.14.3.3

N/A = not applicable

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Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 33 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 91 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 120 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 27 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 72 | U | 72 | 220 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 38 | U | 38 | 110 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 35 | U | 35 | 100 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 56-23-5 | Carbon Tetrachloride | 16 | U | 16 | 46 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 40 | U | 40 | 120 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 23 | U | 23 | 68 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 88 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 31 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-66-3 | Chloroform | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8 | U | 8 | 23 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 33 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 14 | U | 14 | 40 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 23 | U | 23 | 69 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-71-8 | Dichlorodifluoromethane | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 41 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 75 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 14 | U | 14 | 29 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 56 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 49 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 34 | U | 34 | 100 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 19 | U | 19 | 56 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 51 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 29 | U | 29 | 85 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| **63-2009** | **5** | **TWF63-26-383988** | **1/28/2026** | **2/6/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **81** | **NQ** | **13** | **39** | **Y** |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 50 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 310 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 26 | U | 26 | 76 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 34 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 26 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| **63-2009** | **5** | **TWF63-26-383988** | **1/28/2026** | **2/6/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **127-18-4** | **Tetrachloroethene** | **51** | **NQ** | **24** | **49** | **Y** |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 62 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2009 | 5 | TWF63-26-383988 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8 | U | 8 | 16 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 51 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 26 | U | 26 | 76 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 34 | U | 34 | 100 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 75 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 49 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 26 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 120 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 91 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8 | U | 8 | 16 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 56 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 33 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 33 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 31 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 27 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 72 | U | 72 | 220 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 35 | U | 35 | 100 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 62 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 50 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8 | U | 8 | 23 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 310 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-71-8 | Dichlorodifluoromethane | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 19 | U | 19 | 56 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 41 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-66-3 | Chloroform | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 14 | U | 14 | 29 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 23 | U | 23 | 69 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 88 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 23 | U | 23 | 68 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 40 | U | 40 | 120 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 56-23-5 | Carbon Tetrachloride | 16 | U | 16 | 46 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 34 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 14 | U | 14 | 40 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 38 | U | 38 | 110 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 127-18-4 | Tetrachloroethene | 24 | U | 24 | 49 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 29 | U | 29 | 85 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |
| 63-2010 | 5 | TWF63-26-383990 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| **63-2010** | **5** | **TWF63-26-383990** | **1/28/2026** | **2/6/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **86** | **NQ** | **13** | **39** | **Y** |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 127-18-4 | Tetrachloroethene | 26 | U | 26 | 52 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 16 | U | 16 | 31 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 16 | U | 10 | 30 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 10 | U | 10 | 30 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9.4 | U | 9.4 | 27 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 16 | U | 12 | 35 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 16 | U | 16 | 46 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 20 | U | 20 | 58 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 90 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 32 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-66-3 | Chloroform | 13 | U | 13 | 37 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 33 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 22 | U | 22 | 65 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 39 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 12 | U | 12 | 34 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 13 | U | 13 | 37 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8.4 | U | 8.4 | 17 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 20 | U | 20 | 70 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 16 | U | 16 | 46 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8.3 | U | 8.3 | 24 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 14 | U | 14 | 41 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 40 | U | 40 | 100 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 27 | U | 27 | 79 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 30 | U | 30 | 100 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.6 | U | 6.6 | 19 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 12 | U | 12 | 34 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 56-23-5 | Carbon Tetrachloride | 16 | U | 16 | 48 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 15 | U | 15 | 30 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 40 | U | 40 | 100 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 15 | U | 15 | 43 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-71-8 | Dichlorodifluoromethane | 13 | U | 13 | 38 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 20 | U | 20 | 58 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 18 | U | 18 | 53 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 35 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 30 | U | 30 | 90 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| **63-2011** | **5** | **TWF63-26-383992** | **1/28/2026** | **2/6/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **59** | **NQ** | **14** | **41** | **Y** |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 18 | U | 18 | 52 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 300 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 33 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 16 | U | 16 | 46 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 13 | U | 13 | 37 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 13 | U | 13 | 37 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 33 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 24 | U | 24 | 72 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 13 | U | 13 | 37 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 40 | U | 40 | 100 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 70 | U | 70 | 200 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 11 | U | 11 | 31 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 100 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 13 | U | 13 | 37 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.8 | U | 9.8 | 29 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 35 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.7 | U | 7.7 | 22 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 27 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.9 | U | 8.9 | 26 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 16 | U | 11 | 31 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 51 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 41 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 30 | U | 30 | 80 | N |
| 63-2011 | 5 | TWF63-26-383992 | 1/28/2026 | 2/6/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 93 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 110 | U | 110 | 300 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 51 | N |
| **63-2012** | **25** | **TWF63-26-383994** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **1800** | **NQ** | **13** | **40** | **Y** |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 29 | U | 29 | 90 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 52 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 19 | U | 19 | 57 | N |
| **63-2012** | **25** | **TWF63-26-383994** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **75-71-8** | **Dichlorodifluoromethane** | **46** | **NQ** | **12** | **37** | **Y** |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 42 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 31 | U | 31 | 90 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 15 | U | 15 | 29 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 50 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 31 | U | 31 | 90 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 34 | U | 34 | 100 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 26 | U | 26 | 80 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 38 | U | 38 | 100 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 14 | U | 14 | 40 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8 | U | 8 | 24 | N |
| **63-2012** | **25** | **TWF63-26-383994** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **67-66-3** | **Chloroform** | **110** | **NQ** | **12** | **36** | **Y** |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 24 | U | 24 | 70 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 91 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 23 | UJ | 23 | 70 | N |
| **63-2012** | **25** | **TWF63-26-383994** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **56-23-5** | **Carbon Tetrachloride** | **31** | **J** | **16** | **47** | **Y** |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 35 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 27 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| **63-2012** | **25** | **TWF63-26-383994** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **127-18-4** | **Tetrachloroethene** | **43** | **J** | **25** | **50** | **Y** |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 63 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 36 | U | 36 | 100 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 73 | U | 73 | 200 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 41 | UJ | 41 | 100 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 28 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 41 | U | 41 | 100 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8.2 | U | 8.2 | 16 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 57 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 34 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 34 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 32 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 76 | N |
| 63-2012 | 25 | TWF63-26-383994 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 14 | U | 14 | 40 | N |
| **63-2012** | **60** | **TWF63-26-383995** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **127-18-4** | **Tetrachloroethene** | **350** | **NQ** | **24** | **49** | **Y** |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 310 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 50 | N |
| **63-2012** | **60** | **TWF63-26-383995** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **5000** | **NQ** | **13** | **39** | **Y** |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 29 | U | 29 | 85 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 51 | N |
| **63-2012** | **60** | **TWF63-26-383995** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **75-71-8** | **Dichlorodifluoromethane** | **110** | **NQ** | **12** | **36** | **Y** |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 41 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 14 | U | 14 | 29 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 49 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 75 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 88 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 23 | UJ | 23 | 68 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 40 | UJ | 40 | 120 | N |
| **63-2012** | **60** | **TWF63-26-383995** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **56-23-5** | **Carbon Tetrachloride** | **88** | **NQ** | **16** | **46** | **Y** |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 26 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 62 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 35 | U | 35 | 100 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 27 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 34 | U | 34 | 100 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 26 | U | 26 | 76 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 38 | U | 38 | 110 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8 | U | 8 | 23 | N |
| **63-2012** | **60** | **TWF63-26-383995** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **67-66-3** | **Chloroform** | **170** | **NQ** | **12** | **36** | **Y** |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 23 | U | 23 | 69 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 120 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 91 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8 | U | 8 | 16 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 56 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 33 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 33 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 31 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 72 | U | 72 | 220 | N |
| 63-2012 | 60 | TWF63-26-383995 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 34 | N |
| **63-2012** | **60** | **TWF63-26-383995** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **76-13-1** | **Trichloro-1,2,2-trifluoroethane[1,1,2-]** | **26** | **J** | **19** | **56** | **Y** |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 30 | U | 30 | 80 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 40 | U | 40 | 100 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 14 | U | 14 | 40 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 52 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 90 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 32 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 34 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 57 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 34 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 76 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 91 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 50 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 15 | U | 15 | 29 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 19 | U | 19 | 57 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 300 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 51 | N |
| **63-2013** | **25** | **TWF63-26-383996** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **340** | **NQ** | **13** | **40** | **Y** |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 30 | U | 30 | 90 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |
| **63-2013** | **25** | **TWF63-26-383996** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **75-71-8** | **Dichlorodifluoromethane** | **35** | **J** | **12** | **37** | **Y** |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8 | U | 8 | 24 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 42 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8.2 | U | 8.2 | 16 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 30 | U | 30 | 100 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 23 | UJ | 23 | 70 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 27 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 56-23-5 | Carbon Tetrachloride | 16 | U | 16 | 47 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| **63-2013** | **25** | **TWF63-26-383996** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **67-66-3** | **Chloroform** | **59** | **NQ** | **12** | **36** | **Y** |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 40 | UJ | 40 | 100 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 63 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| **63-2013** | **25** | **TWF63-26-383996** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **127-18-4** | **Tetrachloroethene** | **190** | **NQ** | **25** | **50** | **Y** |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 40 | U | 40 | 100 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 70 | U | 70 | 200 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 20 | U | 20 | 70 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 28 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 100 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2013 | 25 | TWF63-26-383996 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 35 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 19 | U | 19 | 56 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| **63-2013** | **60** | **TWF63-26-383997** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **67-66-3** | **Chloroform** | **32** | **J** | **12** | **36** | **Y** |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 71-43-2 | Benzene | 8 | U | 8 | 23 | N |
| **63-2013** | **60** | **TWF63-26-383997** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **71-55-6** | **Trichloroethane[1,1,1-]** | **25** | **J** | **14** | **40** | **Y** |
| **63-2013** | **60** | **TWF63-26-383997** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **75-71-8** | **Dichlorodifluoromethane** | **64** | **NQ** | **12** | **36** | **Y** |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-35-4 | Dichloroethene[1,1-] | 14 | U | 14 | 29 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 120 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-83-9 | Bromomethane | 38 | U | 38 | 110 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-42-5 | Styrene | 11 | U | 11 | 31 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 33 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 78-93-3 | Butanone[2-] | 29 | U | 29 | 85 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 49 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 75 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 56 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 106-99-0 | Butadiene[1,3-] | 8 | U | 8 | 16 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 91 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 33 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-09-2 | Methylene Chloride | 34 | U | 34 | 100 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| **63-2013** | **60** | **TWF63-26-383997** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **79-01-6** | **Trichloroethene** | **1200** | **NQ** | **13** | **39** | **Y** |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 50 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 41 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 51 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 72 | U | 72 | 220 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 27 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 310 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-64-1 | Acetone | 23 | U | 23 | 69 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 88 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 64-17-5 | Ethanol | 23 | UJ | 23 | 68 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 591-78-6 | Hexanone[2-] | 40 | UJ | 40 | 120 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| **63-2013** | **60** | **TWF63-26-383997** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **REG** | **GAS** | **56-23-5** | **Carbon Tetrachloride** | **18** | **J** | **16** | **46** | **Y** |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 34 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 26 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 127-18-4 | Tetrachloroethene | 24 | U | 24 | 49 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 62 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 123-91-1 | Dioxane[1,4-] | 35 | U | 35 | 100 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 75-00-3 | Chloroethane | 26 | U | 26 | 76 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383997 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | REG | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 622-96-8 | Ethyltoluene[4-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 100-41-4 | Ethylbenzene | 11 | U | 11 | 32 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 100-42-5 | Styrene | 11 | U | 11 | 31 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 100-44-7 | Benzyl Chloride | 13 | U | 13 | 38 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 11 | U | 11 | 33 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 11 | U | 11 | 33 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 103-65-1 | Propylbenzene[1-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 106-93-4 | Dibromoethane[1,2-] | 19 | U | 19 | 56 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 107-05-1 | Chloro-1-propene[3-] | 30 | U | 30 | 91 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 107-06-2 | Dichloroethane[1,2-] | 10 | U | 10 | 30 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 40 | U | 40 | 120 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 108-88-3 | Toluene | 9.4 | U | 9.4 | 27 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 108-90-7 | Chlorobenzene | 12 | U | 12 | 34 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 109-99-9 | Tetrahydrofuran | 7.4 | U | 7.4 | 22 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 106-99-0 | Butadiene[1,3-] | 8 | U | 8 | 16 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 123-91-1 | Dioxane[1,4-] | 35 | U | 35 | 100 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 110-82-7 | Cyclohexane | 8.6 | U | 8.6 | 25 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 142-82-5 | n-Heptane | 15 | U | 15 | 30 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 74-87-3 | Chloromethane | 20 | U | 20 | 60 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 74-83-9 | Bromomethane | 38 | U | 38 | 110 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **71-55-6** | **Trichloroethane[1,1,1-]** | **31** | **J** | **14** | **40** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 71-43-2 | Benzene | 8 | U | 8 | 23 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **67-66-3** | **Chloroform** | **35** | **J** | **12** | **36** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 67-64-1 | Acetone | 23 | U | 23 | 69 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 67-63-0 | Propanol[2-] | 37 | U | 37 | 88 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 64-17-5 | Ethanol | 23 | UJ | 23 | 68 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 72 | U | 72 | 220 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 591-78-6 | Hexanone[2-] | 40 | UJ | 40 | 120 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 124-48-1 | Chlorodibromomethane | 21 | U | 21 | 62 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **56-23-5** | **Carbon Tetrachloride** | **18** | **J** | **16** | **46** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 15 | U | 15 | 44 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 540-84-1 | Isooctane | 12 | U | 12 | 34 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 9 | U | 9 | 26 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 9.9 | U | 9.9 | 29 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 156-59-2 | Dichloroethene[cis-1,2-] | 9.9 | U | 9.9 | 29 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **127-18-4** | **Tetrachloroethene** | **180** | **NQ** | **24** | **49** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 110-54-3 | Hexane | 13 | U | 13 | 26 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 15 | U | 15 | 44 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-01-4 | Vinyl Chloride | 6.4 | U | 6.4 | 19 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-00-3 | Chloroethane | 26 | U | 26 | 76 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 17 | U | 17 | 50 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 78-87-5 | Dichloropropane[1,2-] | 12 | U | 12 | 34 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 87-68-3 | Hexachlorobutadiene | 100 | U | 100 | 310 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **79-01-6** | **Trichloroethene** | **1200** | **NQ** | **13** | **39** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 78-93-3 | Butanone[2-] | 29 | U | 29 | 85 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 17 | U | 17 | 51 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-27-4 | Bromodichloromethane | 17 | U | 17 | 49 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **75-71-8** | **Dichlorodifluoromethane** | **59** | **NQ** | **12** | **36** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-69-4 | Trichlorofluoromethane | 14 | U | 14 | 41 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 14 | U | 14 | 40 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-34-3 | Dichloroethane[1,1-] | 10 | U | 10 | 30 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 95-47-6 | Xylene[1,2-] | 11 | U | 11 | 32 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-25-2 | Bromoform | 26 | U | 26 | 75 | N |
| **63-2013** | **60** | **TWF63-26-383998** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FD** | **GAS** | **76-13-1** | **Trichloro-1,2,2-trifluoroethane[1,1,2-]** | **62** | **NQ** | **19** | **56** | **Y** |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 15 | U | 15 | 44 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-15-0 | Carbon Disulfide | 30 | U | 30 | 90 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 11 | U | 11 | 32 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 98-82-8 | Isopropylbenzene | 12 | U | 12 | 36 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-35-4 | Dichloroethene[1,1-] | 14 | U | 14 | 29 | N |
| 63-2013 | 60 | TWF63-26-383998 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FD | GAS | 75-09-2 | Methylene Chloride | 34 | U | 34 | 100 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 106-99-0 | Butadiene[1,3-] | 6.2 | U | 6.2 | 13 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 106-93-4 | Dibromoethane[1,2-] | 15 | U | 15 | 44 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 106-46-7 | Dichlorobenzene[1,4-] | 11 | U | 11 | 34 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 103-65-1 | Propylbenzene[1-] | 9.3 | U | 9.3 | 28 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 10061-02-6 | Dichloropropene[trans-1,3-] | 8.6 | U | 8.6 | 26 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 541-73-1 | Dichlorobenzene[1,3-] | 11 | U | 11 | 34 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 100-44-7 | Benzyl Chloride | 9.8 | U | 9.8 | 29 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 100-42-5 | Styrene | 8.1 | U | 8.1 | 24 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 100-41-4 | Ethylbenzene | 8.2 | U | 8.2 | 25 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 67-66-3 | Chloroform | 9.3 | U | 9.3 | 28 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 107-05-1 | Chloro-1-propene[3-] | 24 | U | 24 | 72 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 10061-01-5 | Dichloropropene[cis-1,3-] | 8.6 | U | 8.6 | 26 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 107-06-2 | Dichloroethane[1,2-] | 7.7 | U | 7.7 | 23 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 591-78-6 | Hexanone[2-] | 31 | UJ | 31 | 94 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 108-67-8 | Trimethylbenzene[1,3,5-] | 9.3 | U | 9.3 | 28 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 108-88-3 | Toluene | 7.2 | U | 7.2 | 21 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 108-90-7 | Chlorobenzene | 8.7 | U | 8.7 | 26 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 109-99-9 | Tetrahydrofuran | 5.6 | U | 5.6 | 17 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 110-54-3 | Hexane | 9.9 | U | 9.9 | 20 | N |
| **63-2013** |  | **TWF63-26-383999** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FB** | **GAS** | **110-82-7** | **Cyclohexane** | **16** | **J** | **6.5** | **20** | **Y** |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 120-82-1 | Trichlorobenzene[1,2,4-] | 56 | U | 56 | 170 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 123-91-1 | Dioxane[1,4-] | 27 | U | 27 | 83 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 56-23-5 | Carbon Tetrachloride | 12 | U | 12 | 36 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 71-43-2 | Benzene | 6.1 | U | 6.1 | 18 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 622-96-8 | Ethyltoluene[4-] | 9.3 | U | 9.3 | 28 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 64-17-5 | Ethanol | 18 | UJ | 18 | 53 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 67-63-0 | Propanol[2-] | 27 | U | 27 | 69 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 124-48-1 | Chlorodibromomethane | 16 | U | 16 | 49 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 108-10-1 | Methyl-2-pentanone[4-] | 31 | U | 31 | 94 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 71-55-6 | Trichloroethane[1,1,1-] | 10 | U | 10 | 31 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 95-50-1 | Dichlorobenzene[1,2-] | 11 | U | 11 | 34 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 127-18-4 | Tetrachloroethene | 19 | U | 19 | 39 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 1634-04-4 | Methyl tert-Butyl Ether | 6.8 | U | 6.8 | 21 | N |
| 63-2013 |  | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 79-00-5 | Trichloroethane[1,1,2-] | 10 | U | 10 | 31 | N |

Table 2. Volatile Organic Compound Analytical Results for Soil Vapor Monitoring Wells at TA-63 Transuranic Waste Facility - CY2026 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 74-87-3 | Chloromethane | 16 | U | 16 | 47 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-00-3 | Chloroethane | 20 | U | 20 | 61 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-01-4 | Vinyl Chloride | 4.9 | U | 4.9 | 15 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-09-2 | Methylene Chloride | 26 | U | 26 | 80 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-15-0 | Carbon Disulfide | 24 | U | 24 | 72 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-25-2 | Bromoform | 20 | U | 20 | 59 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-27-4 | Bromodichloromethane | 13 | U | 13 | 38 | N |
| **63-2013** | | **TWF63-26-383999** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FB** | **GAS** | **75-34-3** | **Dichloroethane[1,1-]** | **24** | **NQ** | **7.7** | **23** | **Y** |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-35-4 | Dichloroethene[1,1-] | 11 | U | 11 | 23 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-69-4 | Trichlorofluoromethane | 11 | U | 11 | 32 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 75-71-8 | Dichlorodifluoromethane | 9.4 | U | 9.4 | 28 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 74-83-9 | Bromomethane | 29 | U | 29 | 89 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 15 | U | 15 | 44 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 79-01-6 | Trichloroethene | 10 | U | 10 | 31 | N |
| **63-2013** | | **TWF63-26-383999** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FB** | **GAS** | **540-84-1** | **Isooctane** | **25** | **J** | **8.9** | **27** | **Y** |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 79-34-5 | Tetrachloroethane[1,1,2,2-] | 13 | U | 13 | 39 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 87-68-3 | Hexachlorobutadiene | 81 | U | 81 | 250 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 95-47-6 | Xylene[1,2-] | 8.2 | U | 8.2 | 25 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 95-63-6 | Trimethylbenzene[1,2,4-] | 9.3 | U | 9.3 | 28 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 98-82-8 | Isopropylbenzene | 9.3 | U | 9.3 | 28 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 8.2 | U | 8.2 | 25 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 76-14-2 | Dichloro-1,1,2,2-tetrafluoroethane[1,2-] | 13 | U | 13 | 40 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 78-87-5 | Dichloropropane[1,2-] | 8.8 | U | 8.8 | 26 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 156-60-5 | Dichloroethene[trans-1,2-] | 7.5 | U | 7.5 | 23 | N |
| **63-2013** | | **TWF63-26-383999** | **1/28/2026** | **2/9/2026** | **VOC** | **EPA:TO15** | **FB** | **GAS** | **156-59-2** | **Dichloroethene[cis-1,2-]** | **19** | **J** | **7.5** | **23** | **Y** |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 142-82-5 | n-Heptane | 11 | U | 11 | 23 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 78-93-3 | Butanone[2-] | 22 | U | 22 | 68 | N |
| 63-2013 | | TWF63-26-383999 | 1/28/2026 | 2/9/2026 | VOC | EPA:TO15 | FB | GAS | 67-64-1 | Acetone | 18 | U | 18 | 55 | 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

| Location ID | Port Depth (ft) | Sample Purpose | Parameter Code | Parameter Name | SGSL (µg/m3) | Quarter 2 2024 Report Result (µg/m3) | Quarter 2 2024 % SGSL | Quarter 3 2024 Report Result (µg/m3) | Quarter 3 2024 % SGSL | Quarter 4 2024 Report Result (µg/m3) | Quarter 4 2024 % SGSL | Quarter 1 2025 Report Result (µg/m3) | Quarter 1 2025 % SGSL | Quarter 2 2025 Report Result (µg/m3) | Quarter 2 2025 % SGSL | Quarter 3 2025 Report Result (µg/m3) | Quarter 3 2025 % SGSL | Quarter 4 2025 Report Result (µg/m3) | Quarter 4 2025 % SGSL | Quarter 1 2026 Report Result (µg/m3) | Quarter 1 2026 % SGSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2009 | 5 | REG | 67-64-1 | Acetone | 2.73E+08 | - | - | 1.20E+01 | <0.1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 67-66-3 | Chloroform | 1.08E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 75-71-8 | Dichlorodifluoromethane | 1.03E+06 | 4.90E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 75-34-3 | Dichloroethane[1,1-] | 1.73E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 75-35-4 | Dichloroethene[1,1-] | 1.86E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 156-59-2 | Dichloroethene[cis-1,2-] | 5.85E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 64-17-5 | Ethanol | N/A | 3.40E+01 | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | 9.60E+00 | N/A | - | - | - | - |
| 63-2009 | 5 | REG | 127-18-4 | Tetrachloroethene | 4.08E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.10E+01 | <0.1 |
| 63-2009 | 5 | REG | 108-88-3 | Toluene | 4.70E+07 | 3.80E+00 | <0.1 | - | - | 6.00E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 4.86E+07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | REG | 79-01-6 | Trichloroethene | 1.94E+04 | 4.60E+01 | 0.2 | 4.40E+01 | 0.2 | 4.30E+01 | 0.2 | 3.30E+01 | 0.2 | 3.40E+01 | 0.2 | 4.70E+01 | 0.2 | 2.70E+01 | 0.1 | 8.10E+01 | 0.4 |
| 63-2009 | 5 | REG | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 9.73E+05 | - | - | - | - | 7.40E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 63-2010 | 5 | REG | 67-64-1 | Acetone | 2.73E+08 | - | - | - | - | - | - | - | - | - | - | 2.00E+01 | <0.1 | - | - | - | - |
| 63-2010 | 5 | REG | 67-66-3 | Chloroform | 1.08E+04 | 4.10E+00 | <0.1 | - | - | 5.40E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 63-2010 | 5 | REG | 75-71-8 | Dichlorodifluoromethane | 1.03E+06 | 5.90E+00 | <0.1 | - | - | 7.90E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 63-2010 | 5 | REG | 64-17-5 | Ethanol | N/A | 4.00E+01 | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2010 | 5 | REG | 108-88-3 | Toluene | 4.70E+07 | 4.50E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2010 | 5 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 4.86E+07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2010 | 5 | REG | 79-01-6 | Trichloroethene | 1.94E+04 | 1.10E+02 | 0.6 | 7.50E+01 | 0.4 | 9.10E+01 | 0.5 | 1.00E+02 | 0.5 | 9.70E+01 | 0.5 | 7.00E+01 | 0.4 | 6.40E+01 | 0.3 | 8.60E+01 | 0.4 |
| 63-2011 | 5 | REG | 67-64-1 | Acetone | 2.73E+08 | - | - | - | - | - | - | - | - | 5.50E+00 | <0.1 | - | - | - | - | - | - |
| 63-2011 | 5 | REG | 75-71-8 | Dichlorodifluoromethane | 1.03E+06 | 6.40E+00 | <0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2011 | 5 | REG | 64-17-5 | Ethanol | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2011 | 5 | REG | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2011 | 5 | REG | 108-88-3 | Toluene | 4.70E+07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2011 | 5 | REG | 79-01-6 | Trichloroethene | 1.94E+04 | 8.10E+01 | 0.4 | 5.30E+01 | 0.3 | 6.40E+01 | 0.3 | 5.90E+01 | 0.3 | 7.50E+01 | 0.4 | 6.40E+01 | 0.3 | 4.40E+01 | 0.2 | 5.90E+01 | 0.3 |
| 63-2012 | 25 | REG | 67-64-1 | Acetone | 5.44E+08 | - | - | - | - | - | - | - | - | 6.60E+00 | <0.1 | 1.60E+01 | <0.1 | - | - | - | - |
| 63-2012 | 25 | REG | 75-27-4 | Bromodichloromethane | N/A | 5.00E+00 | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | REG | 56-23-5 | Carbon Tetrachloride | 1.06E+05 | 3.60E+01 | <0.1 | 3.50E+01 | <0.1 | 3.40E+01 | <0.1 | 3.60E+01 | <0.1 | 3.10E+01 | <0.1 | 3.30E+01 | <0.1 | 2.80E+01 | <0.1 | 3.10E+01 | <0.1 |
| 63-2012 | 25 | REG | 67-66-3 | Chloroform | 2.30E+04 | 7.80E+01 | 0.3 | 7.80E+01 | 0.3 | 8.30E+01 | 0.4 | 7.80E+01 | 0.3 | 8.80E+01 | 0.4 | 1.00E+02 | 0.4 | 8.80E+01 | 0.4 | 1.10E+02 | 0.5 |
| 63-2012 | 25 | REG | 75-71-8 | Dichlorodifluoromethane | 2.61E+06 | 4.80E+01 | <0.1 | 4.50E+01 | <0.1 | 5.40E+01 | <0.1 | 5.40E+01 | <0.1 | 5.40E+01 | <0.1 | 4.50E+01 | <0.1 | 3.60E+01 | <0.1 | 4.60E+01 | <0.1 |
| 63-2012 | 25 | REG | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | REG | 127-18-4 | Tetrachloroethene | 2.63E+06 | 3.10E+01 | <0.1 | 2.40E+01 | <0.1 | 2.90E+01 | <0.1 | 3.10E+01 | <0.1 | 1.60E+01 | <0.1 | 2.50E+01 | <0.1 | - | - | 4.30E+01 | <0.1 |
| 63-2012 | 25 | REG | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 6.86E+08 | 1.20E+01 | <0.1 | - | - | 1.50E+01 | <0.1 | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 1.16E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | REG | 79-01-6 | Trichloroethene | 1.57E+05 | 2.40E+03 | 1.5 | 1.90E+03 | 1.2 | 2.00E+03 | 1.3 | 1.90E+03 | 1.2 | 1.90E+03 | 1.2 | 1.80E+03 | 1.1 | 1.50E+03 | 1.0 | 1.80E+03 | 1.1 |
| 63-2012 | 60 | REG | 67-64-1 | Acetone | 1.02E+09 | - | - | - | - | - | - | - | - | - | - | 1.90E+01 | <0.1 | - | - | - | - |
| 63-2012 | 60 | REG | 75-27-4 | Bromodichloromethane | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | REG | 56-23-5 | Carbon Tetrachloride | 2.13E+05 | 8.80E+01 | <0.1 | 8.20E+01 | <0.1 | 8.80E+01 | <0.1 | 8.20E+01 | <0.1 | 8.80E+01 | <0.1 | 9.40E+01 | <0.1 | 8.20E+01 | <0.1 | 8.80E+01 | <0.1 |
| 63-2012 | 60 | REG | 67-66-3 | Chloroform | 4.44E+04 | 1.70E+02 | 0.4 | 1.60E+02 | 0.4 | 1.70E+02 | 0.4 | 1.70E+02 | 0.4 | 1.80E+02 | 0.4 | 1.80E+02 | 0.4 | 1.50E+02 | 0.3 | 1.70E+02 | 0.4 |
| 63-2012 | 60 | REG | 75-71-8 | Dichlorodifluoromethane | 5.38E+06 | 1.10E+02 | <0.1 | 1.10E+02 | <0.1 | 1.10E+02 | <0.1 | 1.20E+02 | <0.1 | 1.20E+02 | <0.1 | 1.10E+02 | <0.1 | 8.40E+01 | <0.1 | 1.10E+02 | <0.1 |

Table 3. Current and Previous Analytical Results for Eight Quarters

| Location ID | Port Depth (ft) | Sample Purpose | Parameter Code | Parameter Name | SGSL (µg/m3) | Quarter 2 2024 Report Result (µg/m3) | Quarter 2 2024 % SGSL | Quarter 3 2024 Report Result (µg/m3) | Quarter 3 2024 % SGSL | Quarter 4 2024 Report Result (µg/m3) | Quarter 4 2024 % SGSL | Quarter 1 2025 Report Result (µg/m3) | Quarter 1 2025 % SGSL | Quarter 2 2025 Report Result (µg/m3) | Quarter 2 2025 % SGSL | Quarter 3 2025 Report Result (µg/m3) | Quarter 3 2025 % SGSL | Quarter 4 2025 Report Result (µg/m3) | Quarter 4 2025 % SGSL | Quarter 1 2026 Report Result (µg/m3) | Quarter 1 2026 % SGSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2012 | 60 | REG | 156-59-2 | Dichloroethene[cis-1,2-] | 2.91E+06 | 1.30E+01 | <0.1 | 1.40E+01 | <0.1 | 1.70E+01 | <0.1 | 1.10E+01 | <0.1 | 1.70E+01 | <0.1 | - | - | 1.20E+01 | <0.1 | - | - |
| 63-2012 | 60 | REG | 123-91-1 | Dioxane[1,4-] | N/A | - | - | - | - | - | - | - | - | - | - | 3.10E+01 | N/A | - | - | - | - |
| 63-2012 | 60 | REG | 64-17-5 | Ethanol | N/A | - | - | - | - | - | - | - | - | - | - | 2.60E+01 | N/A | - | - | - | - |
| 63-2012 | 60 | REG | 100-41-4 | Ethylbenzene | 5.40E+05 | - | - | - | - | - | - | - | - | - | - | 2.80E+01 | <0.1 | - | - | - | - |
| 63-2012 | 60 | REG | 110-54-3 | Hexane | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | REG | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | REG | 100-42-5 | Styrene | 5.08E+07 | - | - | - | - | - | - | - | - | - | - | 4.70E+01 | <0.1 | - | - | - | - |
| 63-2012 | 60 | REG | 127-18-4 | Tetrachloroethene | 2.05E+06 | 7.50E+01 | <0.1 | 7.00E+01 | <0.1 | 6.10E+01 | <0.1 | 7.50E+01 | <0.1 | 6.60E+01 | <0.1 | 5.90E+01 | <0.1 | 4.40E+01 | <0.1 | 3.50E+02 | <0.1 |
| 63-2012 | 60 | REG | 108-88-3 | Toluene | 2.14E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | REG | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1.38E+09 | 2.80E+01 | <0.1 | 2.40E+01 | <0.1 | 3.90E+01 | <0.1 | 2.80E+01 | <0.1 | 2.50E+01 | <0.1 | 2.80E+01 | <0.1 | 3.20E+01 | <0.1 | 2.60E+01 | <0.1 |
| 63-2012 | 60 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 2.34E+08 | 7.60E+00 | <0.1 | 8.70E+00 | <0.1 | - | - | 9.80E+00 | <0.1 | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | REG | 79-01-6 | Trichloroethene | 9.27E+04 | 7.00E+03 | 7.6 | 5.00E+03 | 5.4 | 5.00E+03 | 5.4 | 5.00E+03 | 5.4 | 5.90E+03 | 6.4 | 5.00E+03 | 5.4 | 4.20E+03 | 4.5 | 5.00E+03 | 5.4 |
| 63-2012 | 60 | REG | 75-69-4 | Trichlorofluoromethane | 3.01E+07 | 5.30E+00 | <0.1 | 5.10E+00 | <0.1 | 5.40E+00 | <0.1 | 5.10E+00 | <0.1 | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | REG | 142-82-5 | n-Heptane | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | REG | 67-64-1 | Acetone | 5.44E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | REG | 75-27-4 | Bromodichloromethane | N/A | - | - | 6.60E+00 | N/A | 1.10E+01 | N/A | 6.40E+00 | N/A | 8.70E+00 | N/A | - | - | - | - | - | - |
| 63-2013 | 25 | REG | 56-23-5 | Carbon Tetrachloride | 1.06E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | REG | 67-66-3 | Chloroform | 2.30E+04 | 5.90E+01 | 0.3 | 5.40E+01 | 0.2 | 5.90E+01 | 0.3 | 5.90E+01 | 0.3 | 5.90E+01 | 0.3 | 6.30E+01 | 0.3 | 5.00E+01 | 0.2 | 5.90E+01 | 0.3 |
| 63-2013 | 25 | REG | 75-71-8 | Dichlorodifluoromethane | 2.61E+06 | 3.10E+01 | <0.1 | 2.70E+01 | <0.1 | 3.00E+01 | <0.1 | 4.00E+01 | <0.1 | 2.90E+01 | <0.1 | 3.10E+01 | <0.1 | 2.40E+01 | <0.1 | 3.50E+01 | <0.1 |
| 63-2013 | 25 | REG | 100-42-5 | Styrene | 2.49E+07 | - | - | - | - | - | - | - | - | - | - | - | - | 4.00E+01 | <0.1 | - | - |
| 63-2013 | 25 | REG | 127-18-4 | Tetrachloroethene | 2.63E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.90E+02 | <0.1 |
| 63-2013 | 25 | REG | 109-99-9 | Tetrahydrofuran | N/A | - | - | - | - | - | - | 1.10E+01 | N/A | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 1.16E+08 | 1.40E+01 | <0.1 | 1.20E+01 | <0.1 | 1.30E+01 | <0.1 | 1.50E+01 | <0.1 | 1.00E+01 | <0.1 | - | - | - | - | - | - |
| 63-2013 | 25 | REG | 79-01-6 | Trichloroethene | 1.57E+05 | 4.00E+02 | 0.3 | 3.10E+02 | 0.2 | 3.20E+02 | 0.2 | 3.30E+02 | 0.2 | 3.30E+02 | 0.2 | 3.00E+02 | 0.2 | 2.30E+02 | 0.1 | 3.40E+02 | 0.2 |
| 63-2013 | 60 | REG | 67-64-1 | Acetone | 1.02E+09 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 56-23-5 | Carbon Tetrachloride | 2.13E+05 | 1.60E+01 | <0.1 | 1.40E+01 | <0.1 | 1.80E+01 | <0.1 | 8.80E+00 | <0.1 | 1.60E+01 | <0.1 | 1.80E+01 | <0.1 | - | - | 1.80E+01 | <0.1 |
| 63-2013 | 60 | REG | 67-66-3 | Chloroform | 4.44E+04 | 2.50E+01 | <0.1 | 2.40E+01 | <0.1 | 2.80E+01 | <0.1 | 2.80E+01 | <0.1 | 3.00E+01 | <0.1 | 3.00E+01 | <0.1 | 3.10E+01 | <0.1 | 3.20E+01 | <0.1 |
| 63-2013 | 60 | REG | 74-87-3 | Chloromethane | 2.80E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 75-71-8 | Dichlorodifluoromethane | 5.38E+06 | 5.00E+01 | <0.1 | 5.00E+01 | <0.1 | 5.90E+01 | <0.1 | 5.90E+01 | <0.1 | 5.40E+01 | <0.1 | 5.40E+01 | <0.1 | 4.80E+01 | <0.1 | 6.40E+01 | <0.1 |
| 63-2013 | 60 | REG | 64-17-5 | Ethanol | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 127-18-4 | Tetrachloroethene | 2.05E+06 | 1.30E+01 | <0.1 | 8.80E+00 | <0.1 | 8.80E+00 | <0.1 | 1.00E+01 | <0.1 | 1.20E+01 | <0.1 | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 108-88-3 | Toluene | 2.14E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1.38E+09 | 1.30E+01 | <0.1 | - | - | 1.40E+01 | <0.1 | 1.10E+01 | <0.1 | 9.20E+00 | <0.1 | - | - | - | - | - | - |
| 63-2013 | 60 | REG | 71-55-6 | Trichloroethane[1,1,1-] | 2.34E+08 | 2.50E+01 | <0.1 | 2.70E+01 | <0.1 | 2.80E+01 | <0.1 | 2.70E+01 | <0.1 | 2.60E+01 | <0.1 | 2.70E+01 | <0.1 | 1.60E+01 | <0.1 | 2.50E+01 | <0.1 |
| 63-2013 | 60 | REG | 79-01-6 | Trichloroethene | 9.27E+04 | 1.40E+03 | 1.5 | 1.10E+03 | 1.2 | 1.10E+03 | 1.2 | 1.20E+03 | 1.3 | 1.20E+03 | 1.3 | 1.20E+03 | 1.3 | 9.10E+02 | 1.0 | 1.20E+03 | 1.3 |

Table 3. Current and Previous Analytical Results for Eight Quarters

| Location ID | Port Depth (ft) | Sample Purpose | Parameter Code | Parameter Name | SGSL (µg/m3) | Quarter 2 2024 Report Result (µg/m3) | Quarter 2 2024 % SGSL | Quarter 3 2024 Report Result (µg/m3) | Quarter 3 2024 % SGSL | Quarter 4 2024 Report Result (µg/m3) | Quarter 4 2024 % SGSL | Quarter 1 2025 Report Result (µg/m3) | Quarter 1 2025 % SGSL | Quarter 2 2025 Report Result (µg/m3) | Quarter 2 2025 % SGSL | Quarter 3 2025 Report Result (µg/m3) | Quarter 3 2025 % SGSL | Quarter 4 2025 Report Result (µg/m3) | Quarter 4 2025 % SGSL | Quarter 1 2026 Report Result (µg/m3) | Quarter 1 2026 % SGSL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63-2009 | 5 | FD | 75-71-8 | Dichlorodifluoromethane | 1.03E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | FD | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2009 | 5 | FD | 79-01-6 | Trichloroethene | 1.94E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2011 | 5 | FD | 79-01-6 | Trichloroethene | 1.94E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | FD | 56-23-5 | Carbon Tetrachloride | 1.06E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | FD | 67-66-3 | Chloroform | 2.30E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | FD | 75-71-8 | Dichlorodifluoromethane | 2.61E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | FD | 127-18-4 | Tetrachloroethene | 2.63E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | FD | 71-55-6 | Trichloroethane[1,1,1-] | 1.16E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 25 | FD | 79-01-6 | Trichloroethene | 1.57E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 67-64-1 | Acetone | 1.02E+09 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 56-23-5 | Carbon Tetrachloride | 2.13E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 67-66-3 | Chloroform | 4.44E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 75-71-8 | Dichlorodifluoromethane | 5.38E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 156-59-2 | Dichloroethene[cis-1,2-] | 2.91E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 127-18-4 | Tetrachloroethene | 2.05E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1.38E+09 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2012 | 60 | FD | 79-01-6 | Trichloroethene | 9.27E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | FD | 67-66-3 | Chloroform | 2.30E+04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | FD | 75-71-8 | Dichlorodifluoromethane | 2.61E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | FD | 127-18-4 | Tetrachloroethene | 2.63E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | FD | 71-55-6 | Trichloroethane[1,1,1-] | 1.16E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 25 | FD | 79-01-6 | Trichloroethene | 1.57E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | FD | 78-93-3 | Butanone[2-] | 2.27E+08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | FD | 75-15-0 | Carbon Disulfide | 2.59E+07 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | FD | 56-23-5 | Carbon Tetrachloride | 2.13E+05 | 1.60E+01 | <0.1 | 1.60E+01 | <0.1 | 1.60E+01 | <0.1 | 1.30E+01 | <0.1 | 1.60E+01 | <0.1 | 1.80E+01 | <0.1 | - | - | 1.80E+01 | <0.1 |
| 63-2013 | 60 | FD | 67-66-3 | Chloroform | 4.44E+04 | 2.50E+01 | <0.1 | 2.40E+01 | <0.1 | 2.80E+01 | <0.1 | 2.60E+01 | <0.1 | 2.90E+01 | <0.1 | 2.80E+01 | <0.1 | 2.60E+01 | <0.1 | 3.50E+01 | <0.1 |
| 63-2013 | 60 | FD | 75-71-8 | Dichlorodifluoromethane | 5.38E+06 | 4.90E+01 | <0.1 | 5.00E+01 | <0.1 | 5.40E+01 | <0.1 | 5.40E+01 | <0.1 | 5.90E+01 | <0.1 | 5.00E+01 | <0.1 | 5.00E+01 | <0.1 | 5.90E+01 | <0.1 |
| 63-2013 | 60 | FD | 64-17-5 | Ethanol | N/A | - | - | - | - | - | - | - | - | - | - | - | - | 2.60E+01 | N/A | - | - |
| 63-2013 | 60 | FD | 100-41-4 | Ethylbenzene | 5.40E+05 | - | - | - | - | - | - | - | - | - | - | - | - | 4.10E+01 | <0.1 | - | - |
| 63-2013 | 60 | FD | 67-63-0 | Propanol[2-] | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | FD | 100-42-5 | Styrene | 5.08E+07 | - | - | - | - | - | - | - | - | - | - | - | - | 5.50E+01 | <0.1 | - | - |
| 63-2013 | 60 | FD | 127-18-4 | Tetrachloroethene | 2.05E+06 | 1.30E+01 | <0.1 | - | - | 8.10E+00 | <0.1 | 1.10E+01 | <0.1 | 8.80E+00 | <0.1 | - | - | - | - | 1.80E+02 | <0.1 |
| 63-2013 | 60 | FD | 109-99-9 | Tetrahydrofuran | N/A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | FD | 76-13-1 | Trichloro-1,2,2-trifluoroethane[1,1,2-] | 1.38E+09 | 1.40E+01 | <0.1 | 1.30E+01 | <0.1 | 1.50E+01 | <0.1 | - | - | 1.00E+01 | <0.1 | - | - | - | - | 6.20E+01 | <0.1 |
| 63-2013 | 60 | FD | 71-55-6 | Trichloroethane[1,1,1-] | 2.34E+08 | 2.60E+01 | <0.1 | 2.00E+01 | <0.1 | 2.30E+01 | <0.1 | 2.30E+01 | <0.1 | 2.70E+01 | <0.1 | 2.70E+01 | <0.1 | 1.90E+01 | <0.1 | 3.10E+01 | <0.1 |
| 63-2013 | 60 | FD | 79-01-6 | Trichloroethene | 9.27E+04 | 1.40E+03 | 1.5 | 1.10E+03 | 1.2 | 1.10E+03 | 1.2 | 1.20E+03 | 1.3 | 1.20E+03 | 1.3 | 1.20E+03 | 1.3 | 9.10E+02 | 1.0 | 1.20E+03 | 1.3 |
| 63-2013 | 60 | FD | 95-63-6 | Trimethylbenzene[1,2,4-] | 4.12E+05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 63-2013 | 60 | FD | Xylene[m+p] | Xylene[1,3-]+Xylene[1,4-] | 4.69E+06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Notes:

FD = Field Duplicate
REG = Regular Sample
"-" = Non-Detect
N/A = Not applicable
SGSL = Soil Gas Screening Level
Xylenes [1,3-] and [1,4-] (meta- and para-xylene) overlap in the gas chromatography mass spectrum and cannot be distinguished as individual compounds. For this reason, comparing the combined m+p xylene results to the total xylene soil gas screening level (SGSL) provides the most conservative evaluation.

Table 4. Statistical Analysis of TCE Results

| Quarter | 63-2009 / 5ft | 63-2010 / 5ft | 63-2011 / 5ft | 63-2012 / 25ft | 63-2012 / 60ft | 63-2013 / 25ft | 63-2013 / 60ft |
|---|---|---|---|---|---|---|---|
| 2017 Q4 | 6.4E+01 | 1.3E+02 | 7.0E+01 | 3.8E+03 | 8.1E+03 | 4.8E+02 | 1.3E+03 |
| 2018 Q1 | 3.1E+01 | 8.1E+01 | 6.4E+01 | 2.8E+03 | 7.0E+03 | 2.6E+02 | 1.3E+03 |
| 2018 Q2 | 4.8E+01 | 1.3E+02 | 9.7E+01 | 3.4E+03 | 8.6E+03 | 4.1E+02 | 1.6E+03 |
| 2018 Q3 | 5.4E+01 | 8.6E+01 | 5.9E+01 | 3.0E+03 | 8.1E+03 | 3.4E+02 | 1.5E+03 |
| 2018 Q4 | 4.4E+01 | 1.1E+02 | 7.5E+01 | 2.9E+03 | 8.1E+03 | 3.7E+02 | 1.4E+03 |
| 2019 Q1 | 3.6E+01 | 1.1E+02 | 8.6E+01 | 2.9E+03 | 7.5E+03 | 3.6E+02 | 1.4E+03 |
| 2019 Q2 | 4.4E+01 | 1.2E+02 | 1.1E+02 | 2.8E+03 | 7.5E+03 | 3.6E+02 | 1.6E+03 |
| 2019 Q3 | 5.9E+01 | 1.0E+02 | 8.6E+01 | 3.0E+03 | 8.6E+03 | 4.2E+02 | 1.5E+03 |
| 2019 Q4 | 4.0E+01 | 9.7E+01 | 6.4E+01 | 2.8E+03 | 7.0E+03 | 3.4E+02 | 1.4E+03 |
| 2020 Q1 | 4.2E+01 | 1.0E+02 | 7.5E+01 | 2.7E+03 | 7.5E+03 | 3.9E+02 | 1.5E+03 |
| 2020 Q2 | 4.1E+01 | 9.7E+01 | 9.7E+01 | 2.8E+03 | 7.5E+03 | 3.8E+02 | 1.4E+03 |
| 2020 Q3 | 5.9E+01 | 8.6E+01 | 7.5E+01 | 2.6E+03 | 7.5E+03 | 3.9E+02 | 1.4E+03 |
| 2020 Q4 | 4.4E+01 | 1.3E+02 | 8.6E+01 | 2.6E+03 | 7.5E+03 | 4.0E+02 | 1.3E+03 |
| 2021 Q1 | 4.3E+01 | 9.7E+01 | 7.5E+01 | 2.6E+03 | 7.0E+03 | 3.6E+02 | 1.3E+03 |
| 2021 Q2 | 4.1E+01 | 1.0E+02 | 9.7E+01 | 2.5E+03 | 7.5E+03 | 3.6E+02 | 1.3E+03 |
| 2021 Q3 | 5.0E+01 | 7.0E+01 | 5.9E+01 | 2.1E+03 | 6.4E+03 | 3.1E+02 | 1.2E+03 |
| 2021 Q4 | 4.0E+01 | 1.0E+02 | 7.5E+01 | 2.2E+03 | 6.4E+03 | 3.0E+02 | 1.2E+03 |
| 2022 Q1 | 3.0E+01 | 8.6E+01 | 5.0E+01 | 2.2E+03 | 6.4E+03 | 3.5E+02 | 1.2E+03 |
| 2022 Q2 | 4.5E+01 | 9.7E+01 | 8.6E+01 | 2.0E+03 | 5.9E+03 | 3.0E+02 | 1.2E+03 |
| 2022 Q3 | 7.0E+01 | 8.1E+01 | 5.9E+01 | 2.0E+03 | 4.1E+03 | 3.1E+02 | 1.2E+03 |
| 2022 Q4 | 3.7E+01 | 1.0E+02 | 5.0E+01 | 2.0E+03 | 5.9E+03 | 3.0E+02 | 1.2E+03 |
| 2023 Q1 | 2.6E+01 | 7.5E+01 | 6.4E+01 | 2.4E+03 | 3.1E+03 | 2.8E+02 | 1.0E+03 |
| 2023 Q2 | 4.1E+01 | 1.0E+02 | 7.0E+01 | 2.1E+03 | 5.0E+03 | 2.9E+02 | 1.0E+03 |
| 2023 Q3 | 4.6E+01 | 5.9E+01 | 5.9E+01 | 1.8E+03 | 5.0E+03 | 2.8E+02 | 9.7E+02 |
| 2023 Q4 | 4.1E+01 | 1.0E+02 | 9.1E+01 | 2.3E+03 | 6.4E+03 | 3.4E+02 | 1.3E+03 |
| 2024 Q1 | 4.7E+01 | 1.0E+02 | 7.5E+01 | 2.3E+03 | 6.4E+03 | 3.7E+02 | 1.5E+03 |
| 2024 Q2 | 4.6E+01 | 1.1E+02 | 8.1E+01 | 2.4E+03 | 7.0E+03 | 4.0E+02 | 1.4E+03 |
| 2024 Q3 | 4.4E+01 | 7.5E+01 | 5.3E+01 | 1.9E+03 | 5.0E+03 | 3.1E+02 | 1.1E+03 |
| 2024 Q4 | 4.3E+01 | 9.1E+01 | 6.4E+01 | 2.0E+03 | 5.0E+03 | 3.2E+02 | 1.1E+03 |
| 2025 Q1 | 3.3E+01 | 1.0E+02 | 5.9E+01 | 1.9E+03 | 5.0E+03 | 3.3E+02 | 1.2E+03 |
| 2025 Q2 | 3.4E+01 | 9.7E+01 | 7.5E+01 | 1.9E+03 | 5.9E+03 | 3.3E+02 | 1.2E+03 |
| 2025 Q3 | 4.7E+01 | 7.0E+01 | 6.4E+01 | 1.8E+03 | 5.0E+03 | 3.0E+02 | 1.2E+03 |
| 2025 Q4 | 2.7E+01 | 6.4E+01 | 4.4E+01 | 1.5E+03 | 4.2E+03 | 2.3E+02 | 9.1E+02 |
| 2026 Q1 | 8.1E+01 | 8.6E+01 | 5.9E+01 | 1.8E+03 | 5.0E+03 | 3.4E+02 | 1.2E+03 |
| Mean | 4.5E+01 | 9.5E+01 | 7.2E+01 | 2.4E+03 | 6.4E+03 | 3.4E+02 | 1.3E+03 |
| Std Dev | 1.2E+01 | 1.8E+01 | 1.5E+01 | 5.1E+02 | 1.4E+03 | 5.2E+01 | 1.7E+02 |
| Mean + 2SD | 6.8E+01 | 1.3E+02 | 1.0E+02 | 3.4E+03 | 9.2E+03 | 4.5E+02 | 1.6E+03 |
| Mean - 2SD | 2.1E+01 | 6.0E+01 | 4.1E+01 | 1.4E+03 | 3.6E+03 | 2.4E+02 | 9.4E+02 |
| Mean + 3SD | 8.0E+01 | 1.5E+02 | 1.2E+02 | 3.9E+03 | 1.1E+04 | 5.0E+02 | 1.8E+03 |
| Mean - 3SD | 9.8E+00 | 4.2E+01 | 2.6E+01 | 8.7E+02 | 2.3E+03 | 1.9E+02 | 7.7E+02 |

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# SAMPLE COLLECTION LOGS

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Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383988 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | 〃 |
| TIME COLLECTED (HH:MM): | | 0912 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2009 | 〃 | FIELD PREP: | NA | |
| LOCATION TYPE: | AMS | | FIELD QC TYPE: | REG | |
| TOP DEPTH: | 6.5 ft | | SAMPLE USAGE: | INV | |
| BOTTOM DEPTH: | 7.5 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 1

**LOCATION COMMENTS:**

**FIELD PARAMETERS:** Summa # 04381

Sample Time ____ HH:MM

$CH_4$ = 0 % $CO_2$ = 7800 ppm $O_2$ = 20.3 % VOC = 0.0 ppm

**COMPLETED BY (PRINT):** M. Jastram

**COLLECTED BY (PRINT):** M. Jaramillo

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Jastram (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1220 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383990 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | D/C |
| TIME COLLECTED (HH:MM): | | 0933 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2010 | D/C | FIELD PREP: | NA | |
| LOCATION TYPE: | AMS | | FIELD QC TYPE: | REG | |
| TOP DEPTH: | 6.5 ft | | SAMPLE USAGE: | INV | |
| BOTTOM DEPTH: | 7.5 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 1

**LOCATION COMMENTS:**

**FIELD PARAMETERS:** Summa #

Sample Time _____ HH:MM

$CH_4$ = 0 % $CO_2$ = 4800 PPM $O_2$ = ~~20.7~~ % VOC = ~~0.4~~ PPM

**COMPLETED BY (PRINT):** M. Stastny

**COLLECTED BY (PRINT):** M. Shenoy

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Stastny (Signature) | Date/Time 01/28/2026 1120 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1220 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383992 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | ok |
| TIME COLLECTED (HH:MM): | | 0955 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-03 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2011 | ok | FIELD PREP: | NA | |
| LOCATION TYPE: | AMS | | FIELD QC TYPE: | REG | |
| TOP DEPTH: | 6.5 ft | | SAMPLE USAGE: | INV | |
| BOTTOM DEPTH: | 7.5 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 1

**LOCATION COMMENTS:** Summa #

**FIELD PARAMETERS:**

Sample Time _____ HH:MM

$CH_4$ = 0 % $CO_2$ = 1200 PPM $O_2$ = 20.9 % VOC = 0.4 PPM

**COMPLETED BY (PRINT):** M. Stastny

**COLLECTED BY (PRINT):** M. Begay

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Stastny (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) Melissa (Signature) | Date/Time 1/28/26 1220 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383994 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | ok |
| TIME COLLECTED (HH:MM): | | 10 38 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2012 | ok | FIELD PREP: | NA | |
| 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 | 1 | 6 Liter Summa |

**SAMPLE COMMENTS:** Port 1

**LOCATION COMMENTS:** SUMMA # 2586

**FIELD PARAMETERS:**

Sample Time _____ HH:MM

$CH_4$ = 0 % $CO_2$ = 11600 PPM $O_2$ = 20.2 % VOC = 1.6 PPM

**COMPLETED BY (PRINT):** M. Stastny

**COLLECTED BY (PRINT):** M. Shemeta

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Stastny (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1220 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383995 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | ″ |
| TIME COLLECTED (HH:MM): | | 1056 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2012 | ″ | FIELD PREP: | NA | |
| LOCATION TYPE: | AMS | | FIELD QC TYPE: | REG | |
| TOP DEPTH: | 59 ft | | SAMPLE USAGE: | INV | |
| BOTTOM DEPTH: | 60 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:** Summa # 1695

**FIELD PARAMETERS:**

Sample Time _____ HH:MM

$CH_4$ = 0 % $CO_2$ = 13400 PPM $O_2$ = 19.6 % VOC = 2.2 PPM

**COMPLETED BY (PRINT):** M. Trastum

**COLLECTED BY (PRINT):** M. Beggan

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Trastum (Signature) | Date/Time 01/28/2026 1200 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1200 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383996 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | ok |
| TIME COLLECTED (HH:MM): | | 1122 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2013 | ok | FIELD PREP: | NA | |
| 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 1

**LOCATION COMMENTS:** Summa # 2437

**FIELD PARAMETERS:**

Sample Time ____ HH:MM

$CH_4$ = 0 % $CO_2$ = 33000 ppm $O_2$ = 18.5 % VOC = 0.7 ppm

**COMPLETED BY (PRINT):** M. Stastny

**COLLECTED BY (PRINT):** M. Benay

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Stastny (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1220 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383997 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | o/c |
| TIME COLLECTED (HH:MM): | | 1144 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | 63-2013 | o/c | FIELD PREP: | N4 | |
| LOCATION TYPE: | AMS | | FIELD QC TYPE: | REG | |
| TOP DEPTH: | 59 ft | | SAMPLE USAGE: | INV | |
| BOTTOM DEPTH: | 60 ft | | EXCAVATED: | | YES / NO / NA |

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

**SAMPLE COMMENTS:** Port 2

**LOCATION COMMENTS:** Summa # N0435

**FIELD PARAMETERS:**

Sample Time _____ HH:MM

$CH_4$ = 0 % $CO_2$ = 23200 ppm $O_2$ = 19.2 % VOC = 1.1 ppm

**COMPLETED BY (PRINT):** M. Smith

**COLLECTED BY (PRINT):** M. Berry **REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Smith (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1240 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383998 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | ok |
| TIME COLLECTED (HH:MM): | | 1145 | MEDIA: | GAS | |
| SWMU/AOC: | | TA-63 | SAMPLE TECH CODE: | VOST | |
| LOCATION ID: | Specified At Time Of Sampling | 63-2013 ~~2013~~ MS 1/27/26 | FIELD PREP: | NA | |
| LOCATION TYPE: | AMS | ok | FIELD QC TYPE: | ~~REG~~ MS 1/27/26 | FD |
| TOP DEPTH: | 59 ft | | SAMPLE USAGE: | ~~INV~~ MS 1/27/26 | QC |
| BOTTOM DEPTH: | 60 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:** Summa # 11664

**FIELD PARAMETERS:**

Sample Time _____ HH:MM

$CH_4$ = 0 % $CO_2$ = 23200 PPM $O_2$ = 19.2 % VOC = 1.1 PPM

**COMPLETED BY (PRINT):** M. Stastny

**COLLECTED BY (PRINT):** M. Besay

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) Melissa Stastny (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1220 |
| 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 |

Los Alamos National Laboratory

# SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

**EVENT ID:** 17561 **EVENT NAME:** FY26 - Poregas Sampling - January - TA-63-TWF

**SAMPLE ID:** TWF63-26-383999 **WORK ORDER:**

| | AS PLANNED | AS COLLECTED | | AS PLANNED | AS COLLECTED |
|---|---|---|---|---|---|
| Date Collected (MM/DD/YYYY): | | 01/28/2026 | FIELD MATRIX: | GAS | ok |
| TIME COLLECTED (HH:MM): | | 1157 | MEDIA: | Nitrogen | |
| 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: | ~~REG~~ | FB |
| TOP DEPTH: | 59ft | | SAMPLE USAGE: | ~~INV~~ | QC |
| BOTTOM DEPTH: | 60 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:** QC Sample of TWF63-26-383997

**LOCATION COMMENTS:** Summa # 3444 1577

**FIELD PARAMETERS:**

Sample Time _____ HH:MM

MS
1/27/2026

**COMPLETED BY (PRINT):** M. Shasteen

**COLLECTED BY (PRINT):** M. Shasteen

**REVIEWED BY (PRINT):**

| | | | |
|---|---|---|---|
| RELINQUISHED BY (Printed Name) M. Shasteen (Signature) | Date/Time 01/28/2026 1220 | RECEIVED BY (Printed Name) (Signature) | Date/Time 1/28/26 1220 |
| 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 |

## Sample Management Office Shipping Classification Determination Checklist

**Sampling Plan ID/Name:**

| TEST – Chemical Preservation | YES | NO | NA |
|---|---|---|---|
| If the samples were chemically preserved, do the chemical preservations exceed limits given in 40 CFR 136, Table II – Required Containers, Preservation Techniques and Holding Times (footnote 3)? **Note: sample preservation guidance listed on the SCL complies with CFR requirements.** | ○ | ● | ○ |

| TEST – DOT Hazardous Material | YES | NO | Unknown |
|---|---|---|---|
| Is the sample a detonable or reactive explosive (DOT Division 1.1 through 1.6)? | ○ | ● | ○ |
| Is the sample a compressed gas (DOT Division 2.1, 2.2, or 2.3)? | ○ | ● | ○ |
| Is the sample a flammable or combustible liquid (DOT Hazard Class 3)? | ○ | ● | ○ |
| Is the sample a flammable solid (DOT Division 4.1)? | ○ | ● | ○ |
| Is the sample a spontaneously combustible material (DOT Division 4.2)? | ○ | ● | ○ |
| Is the sample a dangerous when wet material (DOT Division 4.3)? | ○ | ● | ○ |
| Is the sample an oxidizer or organic peroxide (DOT Division 5.1 or 5.2)? | ○ | ● | ○ |
| Is the sample a poisonous material or infectious substance (DOT Division 6.1 or 6.2)? | ○ | ● | ○ |
| Is the sample a corrosive material (DOT Hazard Class 8)? | ○ | ● | ○ |
| Does the sample contain MORE than 1 lb of a hazardous material (DOT Hazard Class 9)? | ○ | ● | ○ |

**TEST – Field Screen**

If the samples have field screening measurements of alpha and/or beta activity, then compare the results to the sample and shipment activities limits listed below. Mark the items YES if they equal or exceed the listed activities.

| Sample Activity (dpm/100cm²) | | Shipment Activity (dpm*g/100cm²) | Sampled Location | YES | NO | NA |
|---|---|---|---|---|---|---|
| Alpha detectable | AND | Alpha ≥ 160,000 | AT TA-1 and adjacent hillsides, TA-21, Acid Canyon, MDA C, TA-54 Area G, TA-48 or TA-49 | ○ | ○ | ● |
| Alpha ≥ 125 | AND | Alpha ≥ 1,250,000 | AT Other Locations | ○ | ○ | ● |
| Beta ≥ 1,500 | AND | Beta ≥ 15,000,000 | AT Any Location | ○ | ○ | ● |
| Alpha ≥ 16,000,000 dpm*g/100cm²? | | | | ○ | ○ | ● |
| Beta ≥ 160,000,000 dpm*g/100cm²? | | | | ○ | ○ | ● |
| On the external surface of the sample container, is Alpha ≥ 24 dpm/100cm²? | | | | ○ | ○ | ● |
| On the external surface of the sample container, is Beta ≥ 240 dpm/100cm²? | | | | ○ | ○ | ● |
| On the external surface of the sample container, is surface activity ≥ 0.5 mR/hr? | | | | ○ | ○ | ● |

**TEST – Previous Analytical Results**

If previous analytical measurements of radioactive isotopes are available for this sampling location, then compare those results to the sample and shipment activity limits listed below. Mark the items YES if they equal or exceed the listed activities.

| Sample Activity (pCi/g) | | Shipment Activity (pCi) | YES | NO | NA |
|---|---|---|---|---|---|
| Am-241 ≥ 27 pCi/g | AND | Am-241 ≥ 270,000 pCi Total | ○ | ● | ○ |
| Cs-137 ≥ 270 pCi/g | AND | Cs-137 ≥ 270,000 pCi Total | ○ | ● | ○ |
| Pu-238 ≥ 27 pCi/g | AND | Pu-238 ≥ 270,000 pCi Total | ○ | ● | ○ |
| Pu-239/240 ≥ 27 pCi/g | AND | Pu-239/240 ≥ 270,000 pCi Total | ○ | ● | ○ |
| Th-228 ≥ 27 pCi/g | AND | Th-228 ≥ 270,000 pCi Total | ○ | ● | ○ |
| U-234 ≥ 270 pCi/g | AND | U-234 ≥ 1,600,000,000 pCi Total | ○ | ● | ○ |
| U-238 ≥ 270 pCi/g | AND | U-238 unlimited | ○ | ● | ○ |
| H-3 ≥ 27,000,000 pCi/g | AND | H-3 ≥ 27,000,000,000 pCi Total | ○ | ● | ○ |
| Am-241, Pu-238, Pu-239/240, or Th228 ≥ 27,000,000 pCi | | | ○ | ● | ○ |
| Cs-137 ≥ 270,000,000,000 pCi | | | ○ | ● | ○ |
| U-234 ≥ 160,000,000 pCi | | | ○ | ● | ○ |
| H-3 ≥ 1 Ci | | | ○ | ● | ○ |

**If ANY items on this form are marked YES, SMO will not transport the samples. Contact OS-PT for guidance.**

**Documented Field Team Member Statement**

If no items on this form are marked YES, then these samples do not meet the criteria for classification in any hazard class according to 49 CFR Part 173 and may be shipped by the ALDESHQSS SMO.

| | | |
|---|---|---|
| **Hazard Assessment Completed By:** (Printed Name) Melissa Castillo (Signature) | **Date:** 01/28/2026 | **Time:** 1220 |
| **Hazard Assessment Reviewed By:** (Printed Name) Melissa Martinez (Signature) | **Date:** 1/28/26 | **Time:** 1220 |