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LLNL Groundwater Project
2025 Annual Report

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Environmental Restoration Department

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Acronyms and Abbreviations

1,1-DCA	1,1-dichloroethane
1,1-DCE	1-dichloroethene
1,2-DCE	1,2-dichloroethene
B551-E	Building 551 East
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CES	cost-effective sampling
CPT	cone penetrometer testing
DOE	U.S. Department of Energy
DWFO	dynamic well-field operation
ELM	Eastern Landing Mat
EPA	U.S. Environmental Protection Agency
ESAR	enhanced source area remediation
ETC	East Traffic Circle
ETC-N	East Traffic Circle North
ETC-S	East Traffic Circle South
FFA	federal facility agreement
Fifth Five-Year Review Addendum	*Addendum to the Fifth Five-Year Review for the Lawrence Livermore National Laboratory Livermore Site* (Demir, McKereghan, and Porubcan 2021)
ft-bgs	feet below ground surface
GPM	Gallons per minute
GWP	Groundwater Project (previously, Ground Water Project)
HSU	hydrostratigraphic unit
ISB01	*in situ* bioremediation facility
kg	kilogram
LLNL	Lawrence Livermore National Laboratory
MCL	maximum contaminant level
Mcf	millions of cubic feet
Mgal	millions of gallons
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
O&M	operation and maintenance
OPERA	optimized environmental restoration analysis
PCE	perchloroethene or tetrachloroethene
pCi/L	picocuries per liter
$ppm_{v/v}$	parts per million on a volume-to-volume basis
RPM	remedial project manager
RWQCB	California Regional Water Quality Control Board
SACTE	source area cleanup technology evaluation
SVE	soil vapor extraction
T5475	former Trailer 5475
TAG	technical assistance grant
TCE	trichloroethene
TEIMS	taurus environmental information management system

TF	treatment facility (used for specific facility names, e.g., TFA)
TF518-N	TF518 North
TFD-HPD	TFD Helipad
TFD-SE	TFD Southeast
TFE-NW	TFE Northwest
TFE-SW	TFE Southwest
TFE-W	TFE West
TFD-WTC	TFD West Traffic Circle
TFRT	treatment facility real time data acquisition system
µg/L	micrograms per liter
$\mu g/m^3$	micrograms per cubic meter
VISL	vapor intrusion screening level
VOC	volatile organic compound
VTF	soil vapor treatment facility (used for specific facility names, e.g., VTFD)
ZVI	zero-valent iron

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Executive Summary

In 2025, the following environmental restoration activities were conducted under the Lawrence Livermore National Laboratory (LLNL) Livermore Site Groundwater Project (GWP):

- Removal of approximately 27.2 kilograms (kg) of volatile organic compounds (VOCs) from the Livermore Site's subsurface, including 21.6 kg of VOCs from groundwater and 5.6 kg of VOCs from soil vapor
- Operation and/or maintenance (O&M) of 25 groundwater treatment facilities and 7 soil vapor treatment facilities
- O&M of a network of 96 groundwater extraction wells, 1 groundwater injection well, 10 dual extraction[1] wells, and 31 soil vapor extraction (SVE) wells
- Ongoing hydraulic control and treatment of VOCs in groundwater along the site's western and southern margins, where concentrations declined or remained stable during the year
- Continued reevaluation of the inhalation risk for VOCs migrating from the subsurface soil into indoor ambient air, which includes sampling of a prioritized list of buildings
- Continued enhanced source area remediation (ESAR) treatability tests for *in situ* bioremediation at the Treatment Facility TFD Helipad (TFD-HPD) and *in situ* chemical reduction of VOCs using emplaced zero-valent iron (ZVI) at the Treatment Facility C (TFC) Hotspot
- Submittal of the following documents to the regulatory agencies:
  - *LLNL Groundwater Project 2024 Annual Report* (Noyes et al. 2025)
  - GWP quarterly self-monitoring reports (Yeh and Wong 2025a, b, and c; Demir and Wong 2025)

As a result of ongoing remediation activities, the Livermore Site GWP removed approximately 27.2 kg of VOCs from the subsurface in 2025. Since remediation began in 1989, approximately 7.9 billion gallons of groundwater and 1.8 billion cubic feet of soil vapor have been treated, removing an estimated 3,598 kg (i.e., approximately 4.0 tons) of VOCs from the subsurface. Table 1 presents volumes of groundwater and soil vapor extracted and treated, and VOC mass removed, at the Livermore Site in 2025, while Table 2 summarizes cumulative extraction and mass removal numbers.

Ongoing mass removal and decreasing groundwater concentrations from this review period indicate consistent and ongoing declines in both the magnitude and areal extent of VOC plumes, though subtle in certain areas. VOCs in the off-facility area west of the Treatment Facility A (TFA) area also continued to decline in response to pumping along the Arroyo Seco Pipeline, which was extended in 2012. Hydraulic containment along the site's western and southern boundaries was fully maintained in 2025, and steady, incremental progress was made toward interior plume and source area cleanup.

Similar to those conducted in the last several years, environmental restoration activities at the Livermore Site in 2025 focused on enhancing and optimizing ongoing operations at treatment facilities. Other primary efforts included the continued reevaluation of the inhalation risk for VOCs migrating from the subsurface into indoor ambient air and the associated sampling of prioritized buildings. However, due to a year-long budget shortfall for DOE/LLNL, only one CERCLA-related drilling activity, a second phase

[1] Dual extraction wells extract groundwater using a downhole pump while concurrently applying a vacuum to extract soil vapor. Groundwater and soil vapor are removed in separate pipe manifolds and treated.

of cone penetrometer testing and direct-push sampling soil in the T5475 source area, was conducted at the Livermore Site in 2025. Additionally, this shortfall resulted in fewer treatment facility upgrades or enhancements being implemented this review period compared to past periods.

Evaluation of technologies that may accelerate cleanup of the Livermore Site's source areas and address areas with co-mingled VOC and low-level tritium plumes also continued. Specifically, ESAR treatability tests were carried out at TFD-HPD and TFC Hotspot throughout 2025. In the TFD-HPD area, the required anaerobic subsurface conditions were maintained, and post-bioaugmentation performance monitoring was conducted. At the TFC Hotspot area, groundwater monitoring was performed to assess the effectiveness of emplaced ZVI for *in situ* VOC destruction. Post-implementation performance monitoring data collected throughout the year indicate that reducing conditions remain present at wells within the emplacement area, which still receive the fluid used during the emplacement process and/or groundwater affected by the emplaced ZVI. Treatability tests at TFD-HPD and TFC Hotspot are expected to continue into 2026.

At TFE Eastern Landing Mat (ELM), thermally enhanced remediation testing operations remained secured during 2025 due to severe scaling of the well screens. DOE/LLNL continues to evaluate well development alternatives for TFE-ELM test wells that may allow for future testing.

Compared to the 2024 water year, slightly more precipitation occurred during the 2025 water year. Despite the slight increase, groundwater levels fell in most of the Livermore Site's hydrostratigraphic units (HSUs), and the size and geometry of capture areas and pumping-induced groundwater depressions were similar to those observed in 2024. DOE/LLNL continues to incorporate the impact of long-term droughts into the operation strategy by upgrading extraction wells to a level-control configuration that prevents aquifer overdraft, evaluating combined treatment technologies appropriate for variable aquifer conditions, and assessing *in situ* technologies to limit groundwater extraction.

1. Introduction

This annual report summarizes the field and regulatory compliance activities and remedial action program implemented under the Lawrence Livermore National Laboratory (LLNL) Livermore Site Groundwater Project (GWP) for calendar year 2025. These activities and actions were performed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This document was prepared by the Environmental Restoration Department (ERD) on behalf of the U.S. Department of Energy (DOE) and is submitted in accordance with the *Compliance Monitoring Plan for the Lawrence Livermore National Laboratory Livermore Site* (Nichols et al. 1996).

The primary elements of this report are organized by the following major sections:

- **Section 2, Regulatory Compliance**: Overview of LLNL and DOE's compliance activities in relation to regulatory documentation and community relations
- **Section 3, Field Activities**: Information on the GWP's groundwater monitoring, drilling activities, and enhanced source area remediation (ESAR) activities
- **Section 4, Remedial Action Program**: Discussion of treatment facility operations and upgrades, groundwater discharges, remediation performance, and decision-support analyses
- **Section 5, Risk and Hazard Management**: Evaluation of potential inhalation risks resulting from the migration of volatile organic compounds (VOCs) from the subsurface into indoor ambient air
- **Section 6, References**: Documents and communications cited in this report

The discussions in these sections are supported by figures, tables, appendices, and attachments.

This report contains 18 figures. Figure 1 locates the Livermore Site's treatment areas and treatment facilities while Figure 2 locates principal projects conducted in 2025. Figure 3 presents the locations of cone penetrometer testing (CPT) and direct-push sampling performed at the former Trailer T5475 (T5475) area during 2023 and 2025. Figures 4 and 5 present the estimated total mass removed from the Livermore Site from groundwater and soil vapor, respectively, since 1989. Figures 6 through 17 present groundwater elevation contour maps and isoconcentration contour maps for hydrostratigraphic units (HSUs) 1B through 5. Finally, Figure 18 presents an isoconcentration contour map of tritium above the MCL in the former Building 419 area.

In addition to these figures, this report contains eight tables. Table 1 presents the volumes of groundwater and soil vapor extracted and treated, and VOC mass removed, at the Livermore Site in 2025. Table 2 presents historical volumes of groundwater and soil vapor extracted and treated, and VOC mass removed, at the Livermore Site through December 2025. Table 3 lists the types and number of wells at the Livermore Site. Table 4 presents abbreviations of treatment facilities referred to in this report, with specific groundwater treatment facilities being indicated by the abbreviation "TF" (e.g., TFA for Treatment Facility A) and specific soil vapor treatment facilities being indicated by the abbreviation "VTF" (e.g., VTFD for Vapor Treatment Facility D). Table 5 contains discharge sampling locations for treatment facilities. Tables 6 and 7 summarize extraction well performance for groundwater and soil vapor, respectively, and, finally, Table 8 summarizes treatment facility operations in 2025.

The following appendices also detail discussions introduced in the main report:

- **Appendix A**: Well construction data for installed and decommissioned wells

- **Appendix B**: Description of the decision-support algorithms used, including the cost-effective sampling (CES) frequency and algorithm and optimized environmental restoration analysis (OPERA)
- **Appendix C**: Status updates on ESAR projects currently ongoing at Livermore Site and their individual activities
- **Appendix D**: Summary of compliance issues at treatment systems and unplanned releases of groundwater in 2025
- **Appendix E**: The Livermore Site's completed land use control monitoring checklist for 2025
- **Appendix F**: Overview and status update of the vapor intrusion long-term indoor air sampling program conducted at the Livermore Site
- **Appendix G**: Quality assurance (QA) summary of analytical data collected for the Livermore Site in 2025

Finally, the following attachments support the main report:

- **Attachment 1**: Well location map of the Livermore Site
- **Attachment 2:** Analytical data for groundwater, soil vapor, and indoor air samples collected in 2025 and results of the ESAR groundwater performance monitoring at the Livermore Site in 2025

2. Regulatory Compliance

In 2025, DOE/LLNL met all federal facility agreement (FFA) milestones and submitted the following regulatory documents on schedule:

- *LLNL Groundwater Project 2024 Annual Report* (Noyes et al. 2025)
- GWP quarterly self-monitoring reports (Yeh and Wong 2025a, b, and c; Demir and Wong 2025)

During the last year, DOE/LLNL held remedial project managers (RPM) meetings on January 28, March 11, April 22, June 12, July 29, September 9, and December 18. Additionally, the following visits or inspections of the Livermore Site in relation to CERCLA activities were performed by regulatory agencies:

- A biennial review of air permits issued for CERCLA GWP treatment facilities was completed by the Bay Area Air District (BAAD) on March 20.
- A tour of the Livermore Site CERCLA GWP was provided to the San Francisco Regional Water Quality Control Board (RWQCB) RPM and the California Department of Toxic Substances Control (DTSC) staff on April 17, 2025.

Furthermore, the following environmental community-relations activities were completed at the Livermore Site in 2025:

- Maintained the environmental community relations website, "Environmental Stewardship and Occupational Health and Safety," which includes Superfund fact sheets in both English and Spanish, and provided access to project documents and reports, public notices, and other environment-related information (https://enviroinfo.llnl.gov/)
- Maintained an external electronic library of documents pertinent to the Livermore Site's CERCLA cleanup (https://erd.llnl.gov)
- Supported on- and off-facility environmental information repositories and the administrative record

- Disseminated environment-related news releases and internal and external environmental information
- Sent 391 letters to near neighbors living west of the Livermore Site on January 5, 2026, to update them on the progress of the off-facility groundwater plume cleanup

General community questions and requests for information were addressed via electronic mail, posted mail, or telephone, with assistance from LLNL's office of strategic communications. On July 9, 2025, a technical assistance grant (TAG) meeting was held on facility. No Superfund community tours of the Livermore Site were conducted in 2025.

3. Field Activities

This section summarizes the groundwater monitoring, ESAR, and drilling activities completed at the Livermore Site in 2025.

3.1. Groundwater Monitoring

All groundwater monitoring activities, including measurements and sampling, were conducted in compliance with the *LLNL Livermore Site and Site 300 Environmental Restoration Department Standard Operating Procedures* (SOPs) (Goodrich and Lorega 2016).

3.1.1. Groundwater Level Measurements

At the Livermore Site, groundwater levels are measured in monitor wells on a quarterly basis while groundwater levels in pumping wells are recorded continuously using real-time data acquisition. To augment these data, additional groundwater levels are measured during sampling events.

In 2025, a total of 2,975 groundwater levels were manually measured in 635 wells. Of these measurements, 2,063 were collected during quarterly water-level measurements, 676 were collected just prior to well sampling, and 236 were collected during well testing. In addition to manual water level measurements, high resolution water levels are acquired through treatment facility real-time data-acquisition readings.

Water-level measurements were used to create quarterly groundwater elevation maps that represent contemporaneous operating conditions for each extraction wellfield screened across the Livermore Site's six contaminated HSUs. These data are primarily used to generate groundwater elevation contour maps presented in the quarterly self-monitoring reports for the Livermore Site. Figures 6, 8, 10, 12, 14, and 16 present third-quarter 2025 groundwater elevation contour maps for HSU-1B, HSU-2, HSU-3A, HSU-3B, HSU-4, and HSU-5, respectively.

3.1.2. Groundwater Sampling

Groundwater monitoring samples are analyzed for VOCs, fuel hydrocarbons, metals, and/or radionuclides, depending on the sampling location. To determine the sampling frequency, chemical analyses, and collection methods for groundwater samples, GWP personnel evaluated data-quality objectives, analytical results, historical trends, hydraulic data, and results from the cost-effective sampling (CES) algorithm formally introduced in Appendix B-1.

In 2025, 1,439 well samples were collected through specific-depth grab sampling, three-volume purge, low-volume purge, and other methods (e.g., bailer, portable electronic submersible pump). Note that 140

samples were unable to be completed due to various circumstances, including wells being dry or having insufficient water for sample collection, inoperable pump or electrical safety issues, and well inaccessibility.

In addition to the scheduled samples, *in situ* measurements were collected for several field parameters, including dissolved oxygen, pH, specific conductance, and temperature, to support the ESAR tests discussed in Section 3.2. In 2025, a total of 189 measurements were collected for multiple parameters in seven wells at the TFC Hotspot and nine wells at the TFD Helipad (TFD-HPD).

Finally, DOE/LLNL also performed vadose zone monitoring in 2025, collecting a total of 229 soil vapor samples from 88 wells.

3.2. Enhanced Source Area Remediation Activities

DOE/LLNL has implemented ESAR treatability tests to help identify alternative remedial approaches for Livermore Site source areas. Appendix C details the status of the current ESAR treatability tests implemented at the TFC Hotspot, TFD-HPD, and TFE Eastern Landing Mat.

3.3. Drilling Activities

Due to a year-long budget shortfall, DOE/LLNL only conducted one drilling activity at the Livermore Site in 2025, which was made possible due to additional funding from DOE. No wells were decommissioned at the site during the review period.

Attachment 1 is a detailed map of all existing and decommissioned wells and treatment facilities at the Livermore Site.

3.3.1. Trailer T5475 Drilling Results

In 2023, a CPT and direct-push soil sampling survey was conducted in the T5475 source area to better define the distribution of elevated VOCs and tritium present in soil and guide future VOC clean-up decisions at this location. A summary of the 2023 survey is presented in Section 3.1 of the 2023 annual report, and the analytical results are presented in Table 2-3 of Attachment 2 of that report (Noyes et al. 2024). Because elevated VOC concentrations were found to be present along the western margin of that survey, DOE/LLNL decided to conduct a second phase of the survey in 2025 to determine how far elevated VOC concentrations and tritium activity concentrations extended to the west.

A CPT direct-push drilling rig was used to obtain subsurface data at 32 drilling locations in the T5475 area, as shown in Figure 3. Of these locations, 24 were advanced to the west of the initial 2023 survey area, while six were within the initial survey area. At 21 of these locations, two boreholes were advanced, one for a CPT lithology profile and another for soil sampling for tritium and VOC analyses. The samples were collected on a fixed 10-foot interval from 10 to 140 feet below ground surface (ft-bgs), with up to 14 discrete depth samples collected from each borehole. Immediately following soil sampling, each borehole was decommissioned by backfilling it with cement bentonite grout mix. At three locations, only a CPT lithology borehole was advanced, and these boreholes were also properly abandoned using the same method. At six locations within the initial 2023 survey area, soil sampling boreholes were advanced where previously only a CPT lithology profile had been obtained.

The phase II soil sampling results are presented in Table 2-5 of Attachment 2, and all borehole locations are shown in Figure 3. Groundwater-equivalent total VOC concentrations collected during the 2025 survey

ranged from non-detect to 1,437 µg/L (borehole B-4121), with the majority of VOC concentrations occurring between approximately 90 to 140 ft-bgs. Groundwater-equivalent VOC concentrations from the survey from HSUs 3A and 5 (intermediate HSUs 3B and 4 are not present in the area) were incorporated into the isoconcentration contour maps shown in Figures 11 and 17, respectively. Tritium activity concentrations within the phase II survey area ranged from below 0.2 to 6.17 pCi/g (borehole B-4137), with the majority of activity concentrations above 0.5 pCi/g occurring along the eastern portion of the survey area near T5475. With over 440 kg of VOCs having been removed from the T5475 source area through soil vapor extraction (96%) and groundwater extraction (4%), the distribution of VOCs and tritium delineated during both the 2023 and the 2025 surveys are considered to be in large part an artifact of cleanup activities that have been conducted there since 1997.

A more detailed analysis of the results of the phase II CPT and direct-push survey will be presented at an RPM meeting in 2026.

4. Summary of Remedial Action Program

This section summarizes activities conducted at the Livermore Site in 2025 under the CERCLA remedial action program. To support this discussion, Tables 1 and 2 present annual and historical volumes, respectively, of groundwater and soil vapor extracted and treated, and VOC mass removed at the Livermore Site. Tables 6 and 7 present performance summaries for groundwater and soil vapor, respectively, at the Livermore Site in 2025.

In 2025, DOE/LLNL operated and/or maintained 25 groundwater treatment facilities. Groundwater extraction and dual extraction wells produced approximately 245 million gallons (Mgal) of groundwater while the groundwater treatment facilities removed an estimated 21.6 kg of VOCs. Since remediation began in 1989, approximately 7.9 billion gallons of groundwater have been extracted and treated, resulting in the removal of an estimated 1,915 kg of VOCs.

In 2025, DOE/LLNL also operated and/or maintained seven soil vapor treatment facilities in the TFD, TFE, and TFH areas. Soil vapor extraction (SVE) and dual extraction wells produced approximately 141 million cubic feet (Mcf) of soil vapor while the soil vapor treatment facilities removed approximately 5.6 kg of VOCs. Since the startup of the soil vapor treatment facilities in 1995, approximately 1.8 billion cubic feet of soil vapor has been extracted and treated, removing an estimated 1,683 kg of VOCs.

Since 1989, an estimated total of 3,598 kg (i.e., approximately 4.0 tons) of VOCs have been removed from the Livermore Site's subsurface and surrounding area. As remediation progresses and VOC concentrations decline, less VOC mass is typically removed from groundwater and the unsaturated zone (i.e., soil vapor). Figure 4 shows that approximately 21.6 kg of VOCs were removed from groundwater in 2025 compared to the approximately 23.9 kg removed in 2024, and Figure 5 shows that approximately 5.6 kg of VOCs were removed from soil vapor in 2025 compared to the approximately 7.4 kg removed in 2024. In general, declining VOC mass removal rates are considered to be the result of decreasing VOC concentrations in the subsurface and an overall decrease in the amount of mass remaining in both groundwater and the unsaturated zone beneath the Livermore Site due to active remediation since 1989.

Effectiveness of groundwater remediation at the Livermore Site is evaluated using multiple data sets. Depth-to-groundwater measurements recorded during the third quarter of 2025 were used to construct the HSU-specific groundwater elevation contour maps shown in Figures 6, 8, 10, 12, 14, and 16 as well as to

estimate the hydraulic capture area of each groundwater extraction well illustrated in these figures. Figures 7, 9, 11, 13, 15, and 17 present HSU-specific isoconcentration contour maps that show total VOC concentrations detected above cleanup standards during the third quarter of 2025; to highlight where contaminant plumes were hydraulically contained during this period, the estimated hydraulic capture area within each HSU was superimposed onto the respective isoconcentration contour map. The contaminant concentration trends discussed in Section 4.3 were also used to evaluate hydraulic capture and treatment facility performance.

4.1. Summary of Treatment Facility Operations

Table 8 details each treatment facility's operational and compliance status as well as other significant events that occurred during 2025. The following points are notable from this year:

- All groundwater and soil vapor treatment facilities operated in compliance with applicable permits in 2025, except for TFC in May, TFE Southeast in December, and VTF518 Perched Zone in December. Appendix D details noncompliance events.
- Multiple treatment facilities were temporarily secured in response to the government shutdown in November.
- TF518 North (TF518-N) remained offline due to potential mixed-waste issues (LLNL 2009).
- VTFD-HPD did not operate during the year due to an ongoing *in situ* bioremediation ESAR treatability test in the TFD-HPD's source area. Appendix C details individual activities by ESAR project.

4.2. Groundwater Discharges

In 2025, DOE/LLNL treated and discharged approximately 245 Mgal of groundwater, with approximately 137 Mgal discharged to Arroyo Las Positas, 75 Mgal discharged to West Perimeter Drainage Channel, and 33 Mgal discharged to Arroyo Seco. Figure 1 presents these discharge locations.

4.3. VOC Remediation Performance Evaluation

In 2025, VOC concentrations generally declined slightly or remained unchanged in most groundwater plumes at the Livermore Site. Decreases in VOC concentrations are primarily attributed to active remediation at the treatment facilities introduced in Section 4.1 and are consistent with long-term trends that reflect the steady on- and off-facility mass removal and cleanup described in the *Sixth Five-Year Review for the Lawrence Livermore National Laboratory Livermore Site* (Quamme et al. 2022) and *LLNL Groundwater Project 2023 Annual Report* (Noyes et al. 2024). Water levels in 2025 were quite variable, and on average fell by approximately 1.5 to 2 feet in most HSUs, while the geometry of the estimated hydraulic capture areas and pumping-induced groundwater depressions in most HSUs were similar to those presented in the 2024 annual report.

In addition to tetrachloroethene (PCE) and trichloroethene (TCE), concentrations of several other VOCs in the Livermore Site's groundwater, such as 1,1-dichloroethene (1,1-DCE), 1,2-dichloroethene (1,2-DCE), and carbon tetrachloride, remain above cleanup standards. However, these chemical compounds typically occur as minor constituents within the primary PCE and TCE groundwater contaminant plumes, with the following exceptions:

- **HSU-2**: 1,1-dichloroethane (1,1-DCA) plume in the TFA area
- **HSU-2 and HSU-3A**: Freon 11 plume in the northern TFD area

- **HSU-4**: Carbon tetrachloride plume in the northern TFD area
- **HSU-5**: 1,1-DCE and carbon tetrachloride plume in the eastern TFH area

Unless otherwise stated, changes in the distribution and trends of these compounds are consistent with or similar to those of PCE or TCE in their respective groundwater plume.

The following subsections discuss notable VOC concentration trends and results observed during the current reporting year (i.e., the third quarter of 2024 through the third quarter of 2025). Where available and relevant, data from periods more recent than the third quarter of 2025 are also presented.

The following figures illustrate and support discussions of the monitoring results for HSU-1B, HSU-2, HSU-3A, HSU-3B, HSU-4, and HSU-5:

- **Figures 6, 8, 10, 12, 14 and 16**: Groundwater elevation contour maps for the third quarter of 2025
- **Figures 7, 9, 11, 13, 15 and 17**: Isoconcentration contour maps of total VOC concentrations above their cleanup standards for the third quarter of 2025, with the locations of key monitor wells discussed in the text. These figures also identify estimated hydraulic capture areas created through groundwater pumping, which are depicted conservatively and likely underestimate the capture areas of each extraction well.

Attachment 2 presents the groundwater data discussed in this section. Note, however, that the concentrations plotted on the isoconcentration contour maps represent a three-point moving average and not a single analytical result at each well. Appendix B-2 offers a detailed explanation of optimized environmental restoration analysis (OPERA), the algorithm-based methodology used to generate the isoconcentration maps and the rules governing the use of these analytical results.

Where groundwater data are not available, saturated soil analytical data are used to augment data collected from groundwater wells to provide better resolution in the Livermore Site's VOC isoconcentration contour maps. To ensure that the historical, time-static saturated soil data used to construct the maps are representative of subsurface conditions, additional saturated soil data are normally collected as part of the drilling activities described in Section 3.3

The VOC concentration value derived from the saturated soil analytical data used to refine the VOC plume maps are referred to as "groundwater-equivalent concentrations," which differentiate them from actual groundwater analyses. To determine the relationship between saturated soil concentrations and groundwater concentrations, saturated soil analytical results taken from core retained from the screened interval of a given well were compared against the first three groundwater analytical results from that same well. This comparative analysis was repeated for numerous well locations across the site and ultimately yielded a nominal 1:10 saturated-soil-to-groundwater ratio. For instance, a saturated soil concentration of 0.005 milligrams per kilogram (mg/kg) approximately represents a groundwater-equivalent concentration of 0.05 milligram per liter (mg/L)[2], and a 0.050 mg/kg saturated soil concentration approximately represents a 500 micrograms per liter (µg/L) groundwater-equivalent concentration. This relationship helped obtain better resolution and constraint for the isoconcentration map contours.

[2] 0.05 mg/L is equal to 50 µg/L.

4.3.1. Hydrostratigraphic Unit 1B

In 2025, only subtle concentration changes occurred in HSU-1B, and, as shown in Figure 7, the geometry and location of the contaminant plumes remained almost identical to those observed in 2024.

In the off-facility TFA area, VOC concentrations in all monitor wells remained below cleanup standards for the eighth year in a row, including in monitor well W-1425 where PCE concentrations were 1.9 µg/L in July 2025. In on-facility TFA source area monitor well W-116, where VOC concentrations remain the highest currently observed in the TFA area, PCE decreased from 210 µg/L in October 2024 to 170 µg/L in July 2025. Elsewhere in the on-facility area, PCE concentrations were variable but generally showed a slight concentration increase during the review period, as demonstrated in the following wells:

- **W-254:** 24 µg/L in October 2024 to 35 µg/L in October 2025
- **W-1214:** 46 µg/L in August 2024 to 71 µg/L in November 2025
- **W-1107:** 14 µg/L in July 2024 to 20 µg/L in July 2025

The slight increase in concentrations may be result of rebound associated with the shut-in of HSU-1B/2 extraction well W-415 from May 2024 through April 2025. Over the long term, however, these wells have declined in response to ongoing groundwater extraction and treatment in the TFA area. PCE concentrations in W-415 rose from 7 µg/L in October 2023 to 19 µg/L in September 2024 but, upon restart, rapidly declined to their previous levels, at 6.0 µg/L in May 2025 and 5.2 µg/L in July and October 2025.

At TFB where VOC concentrations were relatively unchanged, contaminant plumes remained well to the east of the site boundary as a result of continued operation of the TFB extraction wellfield, which includes extraction wells W-704, W-620, and W-610. Other than a slight increase in TCE in W-307 from 19 µg/L in September 2024 to 24 µg/L in November 2025, the geometry and concentrations of VOC plumes in the TFG area also remained essentially unchanged due to ongoing operations at treatment facilities TFG North and TFG-1. The TCE groundwater plume in the TFG area is interpreted to be separate from the downgradient PCE plume in the TFA area based primarily on non-detect saturated soil analytical data located between the two plumes (note that this data is not shown in Figure 7). As shown in Figure 7, portions of the TCE groundwater plume not hydraulically captured by TFG treatment facility extraction wells W-1806 and W-1111 will be hydraulically contained by TFA extraction wells W-1004 and W-1001 if and when the plume migrates further downgradient to the west.

In the TFC area, no westward migration of contaminant plumes was observed during the review period. In SIP-191-002, which is within the hydraulic capture area of TFC extraction well W-1104, TCE concentrations fell from 39 µg/L in July 2024 to 29 µg/L in September 2025. This decrease is consistent with an overall decline in concentrations that has been occurring there since 2013.

In the TFC Hotspot source area where an ESAR *in situ* chemical reduction treatability test is being conducted, TCE concentrations in the following wells fell or remained unchanged:

- **W-2612**: 58 µg/L in October 2024 to 38 µg/L in October 2025
- **W-1212**: 91 µg/L in October 2024 to 91 µg/L in October 2025
- **W-2611**: 99 µg/L in October 2024 to 90 µg/L in October 2025

The slight decline in concentrations may be due to treatment by downgradient TFC Southeast extraction wells W-1213 and W-3107 and/or varying rates of abiotic and biotic reductive dehalogenation associated

with the treatability test. Appendix C-3 presents a status update of the ongoing ESAR *in situ* chemical reduction treatability test in the TFC Hotspot source area.

VOC concentrations in the TFD area groundwater plume located southeast of the West Traffic Circle remained essentially unchanged during the review period.

In 2025, water levels fell approximately 0.5 to 3 feet across the Livermore Site. Figure 6 shows that the orientation and geometry of HSU-1B's hydraulic capture areas were largely unchanged between 2024 and 2025, other than the re-establishment of the capture area for W-415, which began operating again in April after being offline for a year. Contaminant plumes in HSU-1B along the western margin of the site remained within the estimated capture areas of TFA, TFB, and TFC extraction wells. The westernmost portion of the TFD plume shown outside of TFC extraction well W-368's capture area will be hydraulically contained further downgradient if and when it migrates southwestward into the capture areas of extraction wells located in the TFB area.

4.3.2. Hydrostratigraphic Unit 2

As shown in Figure 9, several notable changes in plume geometry and concentrations occurred within HSU-2 during this review period.

In 2024 and 2025, PCE concentrations in the off-facility TFA area exceeded the 5 µg/L cleanup standard in only one HSU-2 monitor well, W-654, where concentrations were 6.6 µg/L in October 2025. Concentrations in westernmost off-facility extraction well W-404 were 3.3 µg/L in December 2024, but this well remained shut-in in 2025 due to the unexplained production of silt, which caused operational issues at both the west pipeline and TFA facility. Following redevelopment in June 2025 and a pump installation in November 2025, W-404 is expected to be returned to service sometime in early 2026. In downgradient groundwater monitor well W-151, where PCE was first detected in July 2012, concentrations were below 0.6 µg/L throughout the year, reaching a maximum concentration of 0.55 µg/L in October 2025 despite the lack of groundwater extraction at W-404 since October 2024. The concentration trend in W-151 indicates that groundwater extraction at W-404, when operating, continues to hydraulically contain the leading edge of the HSU-2 off-facility plume.

In recent years, the highest PCE concentrations in the on-facility TFA area of HSU-2 have been detected in wells W-263 and W-264. In W-263, concentrations were 12 µg/L in October 2024 and 13 µg/L in October 2025 while, in W-264, PCE concentrations decreased from 24 µg/L in August 2023 to 2.8 µg/L in July 2024 and rose again to 23 µg/L in October 2025. Groundwater in the vicinity of W-264 and W-263 is within the hydraulic capture area of HSU-2 extraction wells W-1009 and W-605.

PCE concentrations in HSU-1B/2 extraction well W-415, which did not operate from May 2024 through April 2025, rose from 7 µg/L in October 2023 to 19 µg/L in September 2024 then declined to 6.0 µg/L in May 2025 and 5.2 µg/L in July and October 2025.

During the review period, concentrations of 1,1-DCA rose slightly in TFA groundwater monitor wells W-260 (from 15 µg/L in January 2024 to 20 µg/L in October 2025) and were unchanged in W-603 (2.3 µg/L in November 2023 and 1.8 µg/L in January 2024). VOC concentrations in the vicinity of both wells are being captured by TFA groundwater extraction wells W-605, W-518, and W-522.

At TFB, TCE concentrations along the site's western boundary were stable to declining in response to continued groundwater extraction from wells W-2501, W-2502, and W-1423. Concentrations in

groundwater monitor wells W-422 and W-1420 remained below the 5 µg/L cleanup standard at 3.0 and 4.2 µg/L, respectively, in July 2025 and below 10 µg/L in upgradient monitor well W-365 at 7.7 µg/L in July 2025. To the east, concentrations were stable in W-418 at 5.8 µg/L in April 2024 and July 2025, as well as in W-308 at 8.6 µg/L in February 2024 and 7.2 µg/L in January 2025. In W-420, concentrations were 4.5 µg/L in October 2024 and 6.2 µg/L in October 2025. All three wells are being hydraulically contained by TFB extraction well W-357, where TCE concentrations rose slightly from 21 µg/L in October 2024 to 26 µg/L in October 2025. VOC concentrations remained essentially unchanged in all other areas of TFB and TFC.

Near the West Traffic Circle in the northwestern TFD area, TCE concentrations in well W-568 decreased from 52 µg/L August 2024 to 43 µg/L in October 2025. Meanwhile, concentrations in new downgradient monitor well W-3701 declined slightly from 5.4 µg/L in July 2024 to 1.4 µg/L in October 2025. VOCs in the vicinity of both wells are being captured for treatment by TFD West Traffic Circle (TFD-WTC) groundwater extraction wells W-413 and W-317 and further downgradient by TFB HSU-2 extraction wells W-357 and W-1423.

To the east in the vicinity of TFD, TFD-HPD, TFD-E, and TFD-SS, TCE concentrations were relatively stable during the review period. In TFD East Traffic Circle South (ETC-S) source area well SIP-ETC-201, PCE concentrations fell from 85 µg/L in October 2024 to 29 µg/L in October 2025, and TCE concentrations fell from 68 to 26 µg/L over the same time interval. It is unclear whether these changes represent natural fluctuations within the ETC-S source area or are the result of ongoing operations at TFD-SE. VOCs in SIP-ETC-201 will continue to be closely monitored in 2026. Elsewhere in the vicinity of the ETC-S and Building 551 East (B551-E) source areas, TCE concentrations remained relatively unchanged.

In the TFE West (TFE-W) area, TCE concentrations in the VOC plume emanating from the TFE East (TFE-E) area remained stable in monitor well W-1202 at 49 µg/L in December 2024 to 43 µg/L in April 2025. Concentrations here are being hydraulically contained and captured by downgradient TFE-W extraction well W-305. Further downgradient at SIP-331-001, PCE concentrations rose from 4.3 µg/L in April 2023 to 18 µg/L in May 2025 while TCE concentrations rose from 2.7 to 8.4 µg/L during the same time interval. At the leading edge of the same plume in the TFG area, TCE concentrations in W-1901-2 were relatively stable at 6.0 µg/L in October 2024 and 4.2 µg/L in September 2025, while PCE concentrations were 3.8 and 5.5 µg/L over the same time interval. Both TFG North extraction well W-1807 and TFG-1 extraction well W-1111 continue to be effective in hydraulically containing and preventing the plume from migrating further downgradient towards the TFA area.

In the T5475 area, TCE concentrations in the following wells declined slightly or remained unchanged:

- **SIP-ETS-212**: 69 µg/L in April 2024 to 46 µg/L in April 2025
- **W-204**: 51 µg/L in July 2024 to 48 µg/L in January 2025
- **SIP-ETS-402**: 34 µg/L in April 2024 to 35 µg/L in April 2025

In 2025, a second phase of the T5475 cone penetrometer testing (CPT) and direct-push soil sampling survey was conducted immediately west of the T5475 source area. One phase-II HSU-2 saturated soil sample contained TCE concentrations above the detection level, with groundwater-equivalent concentrations of 70.5 µg/L detected at borehole B-4120, located in Figure 3. Section 3.3 details the work completed in this second phase while the 2024 annual report discusses the first phase (Noyes et. al 2025). In the rest of the TFD, TFE, and TFH areas, concentrations in the VOC plumes appear to be stable, with few changes of consequence observed in 2025.

During the review period, water levels in HSU-2 fell from approximately 1 to 4.5 feet across most of the site. Other than the re-establishment of the large, prominent capture area associated with W-415, the capture areas appear to be similar to those depicted in 2024, with hydraulic containment of the HSU-2 VOC plumes being maintained along the western boundary of the site. Any portions of the HSU-2 plume emanating from the TFE-E and southeastern TFH areas not under immediate hydraulic containment will continue to be captured downgradient at TFG North groundwater extraction well W-1807 and TFG-1 extraction well W-1111 or further downgradient by extraction wells located along the site border at TFA.

4.3.3. Hydrostratigraphic Unit 3A

As shown in Figure 11, the overall size, geometry, and location of the HSU-3A VOC groundwater plumes remained essentially unchanged between 2024 and 2025. Similarly, concentrations within the groundwater plumes declined slightly or remained essentially unchanged.

To the west and north of TFD-HPD, TCE concentrations in the following wells varied during the last year but generally appeared to have decreased slightly or remained relatively stable:

- **W-3205**: 340 µg/L in October 2024 and October 2025
- **W-2103**: 170 µg/L in October 2024 to 140 µg/L in October 2025
- **W-653**: 100 µg/L in October 2024 to 94 µg/L in October 2025
- **W-2102**: 120 µg/L in October 2024 to 96 µg/L in October 2025

Despite occasional upward fluctuations, VOC concentrations continue to slowly decline over the long term in response to ongoing pumping at TFD.

In the immediate vicinity of the TFD-HPD, TCE concentrations remained low in response to the *in situ* bioremediation treatability test being conducted in this source area. Concentrations in the test's performance monitor wells were below the 0.50 µg/L reporting limit in W-1653, 0.86 µg/L in W-1654, 6.8 µg/L in W-1650, and 2.0 µg/L in W-1655, all in October 2025. Appendix C-1 presents a status update of the treatability test being conducted at TFD-HPD.

To the south in the TFD-SE area, TCE concentrations increased slightly in W-1408 (from 39 µg/L in September 2024 to 57 µg/L in July 2025) and increased in W-1804-2 (from 5.3 µg/L in July 2024 to 68 µg/L in October 2025). These increases are considered temporary, given that concentrations over the long term continue to decline due to ongoing groundwater extraction and treatment associated with TFD-E (extraction well W-1301) and TFD-SE (extraction well W-2005).

In the TFE-E area, TCE concentrations in the following wells varied:

- **W-1117**: 130 µg/L in September 2024 to 84 µg/L in December 2025
- **W-1222**: 45 µg/L in July 2024 and 78 µg/L in July 2024
- **W-1225**: 230 µg/L in October 2024 to 300 µg/L in December 2025
- **W-363**: 100 µg/L in September 2024 to 130 µg/L in September 2025

While concentrations have declined over the long term, no HSU-3A groundwater extraction wells are currently operating in the immediate area, and concentrations have recently fluctuated from year to year. In 2017, monitoring well W-3304 was installed downgradient of W-1225 to identify if the VOC plume is migrating to the west. Although concentrations have slightly varied between 11 and 5.8 µg/L from 2017 to 2023 since the well was installed, TCE concentrations in W-3304 remained low at 11 µg/L in May 2024 and 13 µg/L in October 2025, suggesting that appreciable westward movement of the groundwater plume

located in the vicinity of W-1225 has not occurred. W-3304 will continue to be closely monitored for any additional increase in concentrations in 2026.

As discussed in the 2023 annual report (Noyes et al. 2024), a cone penetrometer testing (CPT) and direct-push soil sampling campaign was conducted to detail current activity concentrations of tritium and concentrations of VOCs in the T5475 source area. In 2025, a second phase of direct-push soil sampling was conducted, the analytical results of which indicated TCE groundwater-equivalent concentrations up to 293.5 µg/L in borehole B-4122 in HSU-2, located in Figure 3. Section 3.1.1 details the T5475 phase II soil survey, and Section 4.4 discusses the tritium activity concentrations found during the survey. Soil sampling results from the 2025 survey are included in Table 2-5 of Attachment 2.

In monitor well W-276 in the southwestern TFE area, TCE concentrations remained unchanged during the year from 38 µg/L in December 2024 to 39 µg/L in July 2025. To the west, concentrations in downgradient monitor well W-2603 continued to fluctuate around 2 µg/L and were 2.9 µg/L in December 2025. Consistently low TCE concentrations in W-2603 suggest that the VOC plume in the vicinity of W-276 is not migrating westward despite the lack of hydraulic containment in the immediate area. Further to the south in the TFH area, TCE concentrations in well W-1414 declined from 1200 µg/L in December 2024 to 670 µg/L in October 2025. Rather than the start of a concentration trend, this decline is interpreted to exemplify concentration fluctuations typically seen in some Livermore Site source areas. Elsewhere in TFD, TFE, and TFH, VOC concentrations remained relatively unchanged during this review period.

To the west in the on-facility TFA area, concentrations at the leading edge of the carbon tetrachloride plume were 2.6 µg/L in July 2024 and 0.5 µg/L in July 2025 in W-267 and 1.5 µg/L in November 2023 and 1.9 µg/L in October 2025 in W-616. VOCs in both wells continue to be hydraulically contained by TFA North extraction well W-712.

Figures 10 and 11 show the estimated hydraulic capture areas in HSU-3A during the third quarter of 2025. Water levels fell an average of 1.5 to 2 feet in the western portion of the site while remaining largely unchanged or rising slightly in the eastern portion. Hydraulic containment of the HSU-3A VOC plumes remained very similar to what was observed in 2024.

As shown in Figure 11, nearly all VOC plumes in TFA, TFD, TFE, and TFH fall within the estimated hydraulic capture areas of operating HSU-3A extraction wells. While presently not hydraulically contained, the plume at W-276 and W-2603 will continue to be monitored for indications of migration downgradient to the west.

4.3.4. Hydrostratigraphic Unit 3B

As shown in Figure 13, the overall size, geometry, and location of HSU-3B's groundwater VOC plumes remained essentially unchanged between 2024 and 2025, and only subtle changes in VOC concentrations were observed in most HSU-3B wells.

In the TFD-SE and TFD Southshore areas, TCE concentrations in the following wells remained level or decreased slightly:

- **W-2006:** 280 µg/L in October 2023 to 290 µg/L in October 2025
- **W-1403:** 180 µg/L in October 2024 to 160 µg/L in October 2025
- **W-1601:** 180 µg/L in October 2024 to 150 µg/L in October 2025

The slight decrease in VOC concentrations observed is considered to be the result of ongoing groundwater extraction and treatment at TFD-SE and TFD Southshore.

In the TFD-South area, TCE concentrations in the following wells remained the same or rose slightly:

- **W-1421**: 31 µg/L in June 2024 to 30 µg/L in May 2025
- **W-1511**: 100 µg/L in September 2024 to 94 µg/L in December 2025
- **W-1422**: 49 µg/L in October 2024 to 64 µg/L in December 2025

Over the long term, concentrations in TFD-South area wells have consistently declined due to ongoing groundwater extraction and treatment at TFD-South as well as at neighboring facilities including TFD Southshore.

In the former Building 419 area, variable changes in TCE concentration occurred in the following wells:

- **W-2617**: 350 µg/L in July 2024 to 243 µg/L in August 2025
- **SIP-419-101**: 220 µg/L in November 2024 to 230 µg/L in July 2025
- **W-2205:** 920 µg/L in January 2024, 540 µg/L in April 2024, and 760 µg/L in October 2024

Due to construction, W-2205 was not accessible for sampling in 2025. The lack of consistency in these concentration changes likely reflects the type of short-term fluctuation commonly observed in wells within certain Livermore Site source areas.

Elsewhere in the TFD, TFE, and TFH areas, groundwater VOC concentrations remained essentially unchanged during this review period.

In 2025, HSU-3B water levels remained relatively unchanged from those observed in 2024. The groundwater contaminant plumes in HSU-3B were either under the hydraulic control of TFD, TFE, and TFH extraction wells or hydraulically contained within the large, pumping-induced groundwater depression shown in Figures 12 and 13.

4.3.5. Hydrostratigraphic Unit 4

As shown in Figure 15, the overall size, geometry, and location of the VOC groundwater plumes in HSU-4 were largely unchanged between 2024 and 2025, and only minor concentration changes were observed in HSU-4 wells.

In the ETC-N and TFD-HPD areas, TCE concentrations in the following wells generally declined:

- **W-1250**: 2,500 µg/L in July 2024 to 2,440 µg/L in July 2025
- **W-1253**: 710 µg/L in October 2024 to 1,160 µg/L in October 2025
- **W-1252**: 600 µg/L in July 2024 to 540 µg/L in July 2025
- **W-3603**: 250 µg/L in July 2024 to 200 µg/L in December 2025
- **W-3702**: 1,600 µg/L in October 2024 to 1,500 µg/L in December 2025
- **W-3703**: 1,000 µg/L in August 2024 to 1,100 µg/L in December 2025

Of these six wells, only W-3703 and W-1253 appeared to show a consistent downward concentration trend over the long term (i.e., three years or more). The remaining four wells have yielded concentrations that often decrease or increase year to year but remain relatively constant across the years. These concentration fluctuations characterize certain Livermore Site source areas and are unrelated to ongoing treatment facility operations and groundwater extraction. Regardless, the VOC plumes at TFD-HPD and

ETC-N area wells continue to be hydraulically contained by area extraction wells W-1307 and W-1254 or the pumping-induced groundwater depression shown in Figure 15.

Further west in the TFD area, TCE concentrations in extraction well W-351 decreased from 460 µg/L in October 2024 to 380 µg/L in October 2025. However, similar to the four wells described above, the long-term trend in W-351 is of relatively stable concentrations, and the latest increase in TCE is not interpreted to represent the beginning of a downward trend. TCE concentrations in nearby extraction well W-1206 were unchanged from 9.2 µg/L in October 2024 to 9.7 µg/L in October 2025, while those in downgradient monitor well W-1803-1 declined slightly from 97 µg/L in August 2024 to 80 µg/L in July 2025. In 2024 and 2025, VOCs monitored by W-1803-1 remained within extraction well W-1206's hydraulic capture area and within the pumping-induced groundwater depression that encompassed most of the TFD area.

In the TFD-South area, TCE concentrations were unchanged in HSU-4 extraction well W-1503 (from 14 µg/L in November 2024 to 15 µg/L in October 2025) and rose slightly in nearby well monitor well W-1418 (from 12 µg/L in July 2024 to 20 µg/L in September 2025). However, concentrations continue to decline over the long term in response to groundwater extraction and treatment at TFD-S.

To the south, TCE concentrations fell slightly in TFE-SW area monitor well W-304 (from 11 µg/L in June 2024 to 7.3 µg/L in July 2025) and remained unchanged in TFE-W area monitor well W-3401 (14 µg/L in May 2024 and October 2025). W-3401 is used to monitor the distal portion of the HSU-4 TCE plume emanating from the eastern TFE/T5475 area and appears to be located near the leading edge of the plume. Hydraulic testing may be conducted at W-3401 to determine whether it could serve as a future TFE-W extraction well to inhibit the VOC groundwater plume from migrating further to the west.

Elsewhere in the TFD, TFE, and TFH areas, no VOC concentration changes of significance were noted during the review period.

Figures 14 and 15 show the estimated hydraulic capture areas in HSU-4 during the third quarter of 2025. Water levels rose approximately 1.5 feet, and the pumping-induced groundwater depression associated with groundwater extraction at TFD, TFD South, TFD Southshore, and TFE-NW continued to hydraulically contain all VOC plumes in the TFD, TFE, and TFH areas.

4.3.6. Hydrostratigraphic Unit 5

While the overall size, geometry, and location of the HSU-5 VOC groundwater plumes remained largely unchanged in 2025, Figure 17 shows several notable changes in concentrations.

To the west of TFD-HPD in recently installed well monitor well W-3901, TCE concentrations continue to vary significantly from year to year. TCE concentrations rose from below the 0.5 µg/L reporting limit in September 2023 to 710 µg/L in October 2024, and carbon tetrachloride concentrations rose from below the 0.5 µg/L reporting limit to 35 µg/L over the same time interval. In November 2025, TCE concentrations fell to 47 µg/L and carbon tetrachloride to 1.5 µg/L. Given the well's low sustainable yield of 0.5 gpm, it is likely that W-3901 took approximately a year to fully equilibrate with the surrounding aquifer and yield a sample representative of aquifer conditions, thus explaining the concentration rise from 2023 to 2024. Declined concentrations in 2025 may be associated with groundwater extraction and treatment at downgradient TFD extraction well W-3101 or reflect W-3901's location on the western margin of the TFD Helipad source area, where significant concentration fluctuations are characteristic of certain HSU-4 source area wells, as discussed in Section 4.3.5. Concentrations at W-3901 will continue to be closely monitored in 2026.

Further to the west in the TFD area, TCE concentrations remained low in HSU-5 groundwater extraction well W-3101 (6.6 µg/L in October 2024 and 6.3 µg/L in October 2025) as well as in downgradient groundwater monitor well W-1803-2 (13 µg/L in August 2024 and 8.6 µg/L in July 2025). Stable-to-declining concentrations in W-1803-2 indicate that W-3101, which replaced former groundwater extraction well W-907-2 in 2015, continues to hydraulically contain the distal portions of the groundwater plume to the west. No other changes of significance were observed in the TFD, B551-E, or TFD-SE areas during the review period.

To the south in the TFE and T5475 areas, TCE concentrations in the following wells slightly rose, declined, or otherwise remained essentially unchanged:

- **W-2601**: 42 µg/L in October 2024 to 41 µg/L in October 2025
- **W-3106**: 54 µg/L in October 2024 to 72 µg/L in October 2025
- **W-1108**: 200 µg/L in October 2024 to 180 µg/L in October 2025
- **W-912**: 35 µg/L in July 2024 to 37 µg/L in April 2025
- **W-1203**: 90 µg/L in June 2024 to 75 µg/L in December 2025

Stable concentrations observed across the TFE and T5475 areas are interpreted to be the result of ongoing groundwater extraction and treatment associated with area extraction wells W-2601, W-566, and W-1108. TCE concentrations also remained stable in W-566 (80 µg/L in October 2024 and 79 µg/L in October 2025) as well as in downgradient well W-1210 (4.6 µg/L in December 2023 and 3.6 µg/L in March 2025), indicating that pumping at W-566 continues to hydraulically contain the leading edge of the VOC plume in the TFE-E area.

The most notable change in VOC concentrations in HSU-5 occurred in the T5475 area, where analytical data from the 2025 CPT and direct-push phase II soil sampling survey revealed the presence of TCE groundwater-equivalent concentrations as high as 1,315.5 µg/L in borehole B-4121, located in Figure 3. Section 3.1.1 details the T5475 soil survey, and Section 4.4 discusses the tritium activity concentrations. Soil sampling results are presented in Table 2-5 of Attachment 2.

Further south and to the west of treatment facility TF406, TCE concentrations in monitor well W-1519 were unchanged from 7.7 µg/L in October 2024 to 6.2 µg/L in September 2025, indicating that pumping at TF406 extraction well W-1310 continues to hydraulically contain the leading edge of the TCE plume in the area. Concentrations in W-1519 will continue be closely monitored in 2026. Further south on property operated by the Sandia National Laboratory, TCE and all other VOCs remained below cleanup standards in response to the continued operation of extraction well W-1310.

In the southeastern TFH area, 1,1-DCE concentrations in monitor well W-107 remained slightly above the cleanup standard at 8.3 µg/L in July 2025, while carbon tetrachloride concentrations remained below the 0.5 µg/L cleanup standard for a sixth year in a row. The 1,1-DCE plume at W-107 will continue to be monitored in 2026. No other changes of significance were observed in the TFH area in 2025.

Figures 16 and 17 show estimated hydraulic capture areas in HSU-5 during the third quarter of 2025. During this review period, water levels fell an average of 4 feet, suggesting that groundwater extraction rates exceeded the sustainable yield of this HSU. With the exception of the 1,1-DCE plume detected at W-107, all VOC plumes in HSU-5 were within the capture areas of extraction wells or the pumping-induced groundwater depression shown in Figure 17. Any downgradient, westward migration of the 1,1-DCE plume will be hydraulically contained by TFE-SE extraction well W-359.

4.4. Tritium

On an annual basis, tritium activity concentrations are closely monitored across the Livermore Site, particularly in the former Building 419, former T5475, and Building 292 areas, where elevated activity concentrations have been observed in the past.

In 2025, 80 groundwater monitor wells and 22 groundwater extraction wells were sampled for tritium, with a total of 202 samples collected. With the exception of three monitor wells in the former Building 419 area and one well in the Building 292 area, ongoing radioactive decay has kept tritium activity concentrations in groundwater below the 20,000 pCi/L cleanup standard at all Livermore Site wells, including those in the T5475 area.

Figures 7, 9, 11, 13, 15, and 17 show the location of the wells within their respective HSUs.

4.4.1. Former Building 419

During the review period, tritium activity concentrations in the immediate vicinity of the former Building 419 area remained elevated. In HSU-3A monitor well W-3004, groundwater tritium activity concentrations were 35,800 pCi/L in November 2024 and rose to 40,100 pCi/L in January 2025 before falling to 31,500 pCi/L in December 2025. This well was installed in 2014 to monitor tritium activity concentrations as part of the Building 419 Resource Conservation and Recovery Act Closure agreement with the DTSC (DTSC 2013).

Immediately to the west of former Building 419, tritium activity concentrations have steadily risen in recent years but declined in 2025. In downgradient HSU-3A monitor well W-1414, where tritium exceeded the 20,000 pCi/L cleanup standard for seven consecutive years, activity concentrations fell from 35,300 pCi/L in December 2024 to 26,700 pCi/L in April 2025 and 18,900 pCi/L in October 2025. At nearby HSU-3A piezometer SIP-419-202, where tritium activity concentrations have steadily increased since 2006 and activities have been above the cleanup standard for five consecutive years, activity concentrations fell from 27,400 pCi/L in November 2024 to 23,400 pCi/L in October 2025. Further to the west in HSU-2/3A monitor well W-2204, tritium activity concentrations remained relatively low during the year at 10,500 pCi/L in October 2025.

Further downgradient to the west and northwest of former Building 419, two recently installed HSU-3A groundwater monitor wells, W-3902 and W-3903, bound the tritium activity concentrations associated with the former Building 419 source area, as shown in Figure 18. Concentrations were 8,300 pCi/L in W-3902 in October 2024 and 981 pCi/L in W-3903 in December 2024.

No increases in tritium activity concentrations were observed further to the west at TF406 Northwest HSU-3A extraction well W-1801 or HSU-3A monitor well GSW-011, both of which were non-detect (i.e., below 100 pCi/L) in October and April 2024, respectively. Tritium activity concentrations also remained low, with generally decreasing or stable trends, at the following downgradient TFE Southwest extraction wells:

- **HSU-4 extraction well W-1520**: 542 pCi/L in December 2024 and 581 pCi/L in December 2025
- **HSU-3B extraction well W-1522**: 1,070 pCi/L in December 2024 and 793 pCi/L in December 2025
- **HSU-5 extraction well W-1516**: Non-detect (i.e., below 100 pCi/L) in both October 2024 and October 2025

Tritium activity concentrations will continue to be closely monitored in the vicinity of former Building 419 and surrounding areas to see if these trends continue or change in 2026.

4.4.2. Former Trailer 5475

In the former T5475 area, tritium activity concentrations in HSU-2/3A well W-2302 rose slightly from below the 100 pCi/L reporting limit in October 2023 to 1,300 pCi/L in June 2024 before falling back to 107 pCi/L in November 2024. Activity concentrations were below the 100 pCi/L reporting limit in November 2025. While concentrations are currently below the detection limit, this well does have a history of tritium activity concentrations fluctuating over time.

On the western margin of the T5475 area, tritium activity concentrations in HSU-4 well W-1604 rose slightly from 1,440 pCi/L in April 2024 to 1,810 pCi/L in November 2024 before falling slightly to 1,670 pCi/L in May 2025. Activity concentrations ranging between 562 to 2,000 pCi/L have been observed in this well since 2006, so recent rises in concentration are not interpreted to be the start of an increasing concentration trend. In all other wells in the T5475 area, tritium activity concentrations remained below 1,500 pCi/L during this review period.

4.4.3. Building 292

In 2025, a decrease in tritium activity concentrations was observed in most of the following HSU-1B wells in the Building 292 area:

- **UP-292-007**: 16,900 pCi/L in November 2024 to 20,700 pCi/L in January 2025 to 14,800 pCi/L in July 2025
- **UP-292-006**: 6,000 pCi/L in November 2024 to 5,040 pCi/L in July 2025
- **UP-292-012**: 5,560 pCi/L in November 2024 to 420 pCi/L in July 2025
- **UP-292-015**: 1,730 pCi/L in November 2024 to 1,230 pCi/L in July 2025

These decreases in activity concentrations coincide with the area's decline in water levels. During the review period, water levels fell approximately 1.5 feet in Building 292 monitor wells. This is consistent with what occurred in 2018, when tritium activity concentrations rose and then fell in response to a significant infiltration and recharge event that took place during winter 2016 and spring 2017 (Noyes et al. 2023).

At all other wells in the Building 292 area, tritium activity concentrations remained below 1,500 pCi/L during this review period. Activity concentrations will continue to be closely monitored in the Building 292 area in 2026.

4.5. Chromium

Chromium is monitored on an annual basis across the Livermore Site. In 2025, 29 extraction wells and 60 monitor wells were sampled for total chromium, and concentrations across the Livermore Site ranged from below the 0.001 mg/L reporting limit to a maximum detected concentration of 0.07 mg/L.

Maximum concentrations of total chromium, at 0.07 mg/L, were detected in HSU-3B monitor well W-487, located north of the West Traffic Circle, shown in Figure 1. Chromium concentrations in one additional monitor well exceeded the 0.05 mg/L cleanup standard, at a concentration of 0.054 mg/L in HSU-2 monitor well W-3701, located southwest of the West Traffic Circle.

At groundwater extraction well W-315, located southeast of the West Traffic Circle, concentrations continued to decline from its 2023 maximum of 0.057 mg/L to 0.04 mg/L in January 2025 and 0.036 mg/L in July 2025.

The extent of elevated total chromium continues to be limited to the vicinity of the West Traffic Circle, where concentrations will continue to be closely monitored in 2026.

4.6. Decision-Support Analysis

A variety of decision-support tools are used to analyze data and evaluate the performance of the remediation systems installed at the Livermore Site. These tools improve the quality, efficiency, and consistency of routine tasks and, as such, result in significant cost savings for DOE/LLNL. These decision-support activities and associated tools are grouped into four categories:

- Environmental Information Management System (TEIMS)
- Data review, analysis, and mapping tools
- Treatment facility real-time (TFRT) data-acquisition system
- Mobile data-collection systems

The TEIMS database and its associated data entry and review tools are routinely used for work tasks ranging from data management to report preparation. For example, TEIMS is utilized to collect and track environmental samples sent to the certified analytical laboratories, who send back sampling results as electronic data deliveries. Once validated, the results become available via TEIMS. Another example is the treatment facility self-monitoring reporting tool that allows facility operators to enter data using a web-based interface and automatically generate reports to be included in quarterly self-monitoring reports.

The next category of decision-support tools consists of sophisticated graphical, statistical, and numerical data-analysis tools used for remedial performance evaluations. The following tools fall under this category:

- **CES algorithm**: Described in Appendix B-1, this tool enables ERD personnel to quickly review concentration trends in wells and set sampling frequencies on a quarterly basis.
- **OPERA**: Described in Appendix B-2, this tool enables personnel to view HSU-specific plume maps for each contaminant of concern and compare current conditions with historical distributions. Each quarter, OPERA is used to update plume and groundwater elevation maps that span the Livermore Site GWP's history with the most recent sampling information available. The HSU conceptual model utilized within OPERA constitutes the basic framework for all decision-support tools and is continually updated using information from recently installed wells and hydraulic tests.

Next, data generated from the TFRT data-acquisition system is used to optimize and maintain treatment facilities and provide important information for diagnosing facility-related issues. This system continues to provide significant value to the Livermore Site GWP's operations by enabling better control of the groundwater extraction wells. Since 2010, the operational mode of multiple wells in the site's eastern portion, where well yields are typically lower, have been converted from constant flow rate to water-level-controlled pumping. In this operational mode, the treatment facility control system can automatically adjust the flow rate to maintain water levels in wells at a desired elevation. This capability has resulted in three significant improvements: 1) extraction wells operate continuously and require fewer

adjustments and less technician oversight, 2) plume capture is maintained at all times without further overdrafting the aquifer, and 3) the impact of long-term drought is incorporated into operations.

Finally, DOE/LLNL has developed and deployed a mobile data-collection tool that helps field personnel record groundwater level measurements and field measurements of water quality parameters. These measurements are then automatically uploaded into the database. By reducing the time and effort required to load field data collected into the database, the mobile application provides considerable cost savings and high-quality information and enables personnel to plan their daily activities more accurately. Its built-in data validation capabilities also help minimize data-measurement and -entry errors.

5. Risk and Hazard Management Program

The Livermore Site risk and hazard management program aims to protect human health and the environment by controlling exposure to contaminants during remediation. At the Livermore Site, risk and hazard management targets areas where the exposure point risk exceeded 1×10^{-6} or the hazard index exceeded 1 in the baseline risk assessment. Land use controls are implemented to manage risks and, as described in the *Final Explanation of Significant Differences for Land Use Controls, Lawrence Livermore National Laboratory, Livermore Site* (LLNL 2014), are evaluated annually. Appendix E presents the Livermore Site's completed land use control monitoring checklist for 2025.

Following issuance of revised guidance from the U.S. Environmental Protection Agency (EPA) in 2015 and ensuing remedial project manager (RPM) discussions during the regulatory review of the *Fifth Five-Year Review for the Lawrence Livermore National Laboratory, Livermore Site* (McKereghan et al. 2017), DOE/LLNL began reevaluating inhalation risks of VOCs potentially migrating from subsurface contamination into indoor air in 2017. In 2018 and 2019, DOE/LLNL conducted indoor air sampling within 33 on-facility buildings identified as having the highest potential for VOC vapor intrusion. More than 300 air samples were collected from indoor air, outdoor ambient air, crawl spaces, confined spaces, and areas of preferential pathways.

The results of this sampling campaign demonstrated that there is currently no short-term unacceptable risk to occupants of Livermore Site buildings due to vapor intrusion from subsurface contamination into indoor air while the soil vapor treatment facilities are operational. These results and the recommendations that followed were documented in the *Addendum to the Fifth Five-Year Review for the Lawrence Livermore National Laboratory Livermore Site* (Fifth Five-Year Review Addendum) (Demir, McKereghan, and Porubcan 2021).

In 2025, DOE/LLNL completed the fifth year of the long-term indoor air sampling program in response to the addendum's recommendations. Appendix F-1 presents the program's building prioritization list, Appendix F-2 presents the status of the program, and Appendix F-3 presents target indoor air concentration screening levels. Table 2-3 of Attachment 2 presents the analytical results of ambient air samples collected as part of the program, in units of parts per million on a volume-to-volume basis ($ppm_{v/v}$) as reported by the analytical laboratories and in units of micrograms per cubic meter ($\mu g/m^3$) per regulatory request.

In 2025, DOE/LLNL collected indoor air samples from 12 Livermore Site buildings included in the long-term indoor air sampling program. These buildings were intentionally sampled during the winter months, reflecting the RPMs' 2023 agreement that winter sampling would be a prudent approach to evaluate potential vapor intrusion from subsurface contamination to indoor air. Since the long-term indoor air

sampling program was initiated in 2020, these 12 buildings have had TCE and/or PCE detections in indoor air. Per regulatory agreement, five buildings previously sampled were not sampled in 2025, because neither TCE nor PCE have been detected in indoor air during winter or summer months for two consecutive years after the long-term indoor air sampling program was initiated (i.e., 2021 and 2022). One trailer, Trailer 5225, was also not sampled because it was demolished in 2023. These buildings are no longer included in the long-term indoor air sampling program.

A total of 87 air samples were collected from indoor air, crawl spaces, confined spaces, and areas of preferential pathways, and 13 outdoor ambient air samples were collected as part of the 2025 indoor air sampling program. TCE or PCE were detected in samples associated with 6 of the 12 buildings sampled; however, no TCE or PCE detections exceeded their respective indoor air screening level.

Per a recommendation in the Fifth Five-Year Review Addendum, DOE/LLNL developed a contingency plan for additional indoor air sampling in the event that an SVE system is offline for more than 30 days. Appendix F-4 presents this contingency plan. During 2025, the Livermore Site's SVE systems remained operational and were never offline for more than 30 days; therefore, additional contingency sampling was not conducted.

In 2026, DOE/LLNL will continue to implement the long-term sampling program, evaluate the potential risk of vapor intrusion from residual subsurface contamination to indoor air, submit indoor air sampling result tables to regulatory agencies when indoor air screening levels are exceeded, and provide updates during RPM meetings.

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Figures

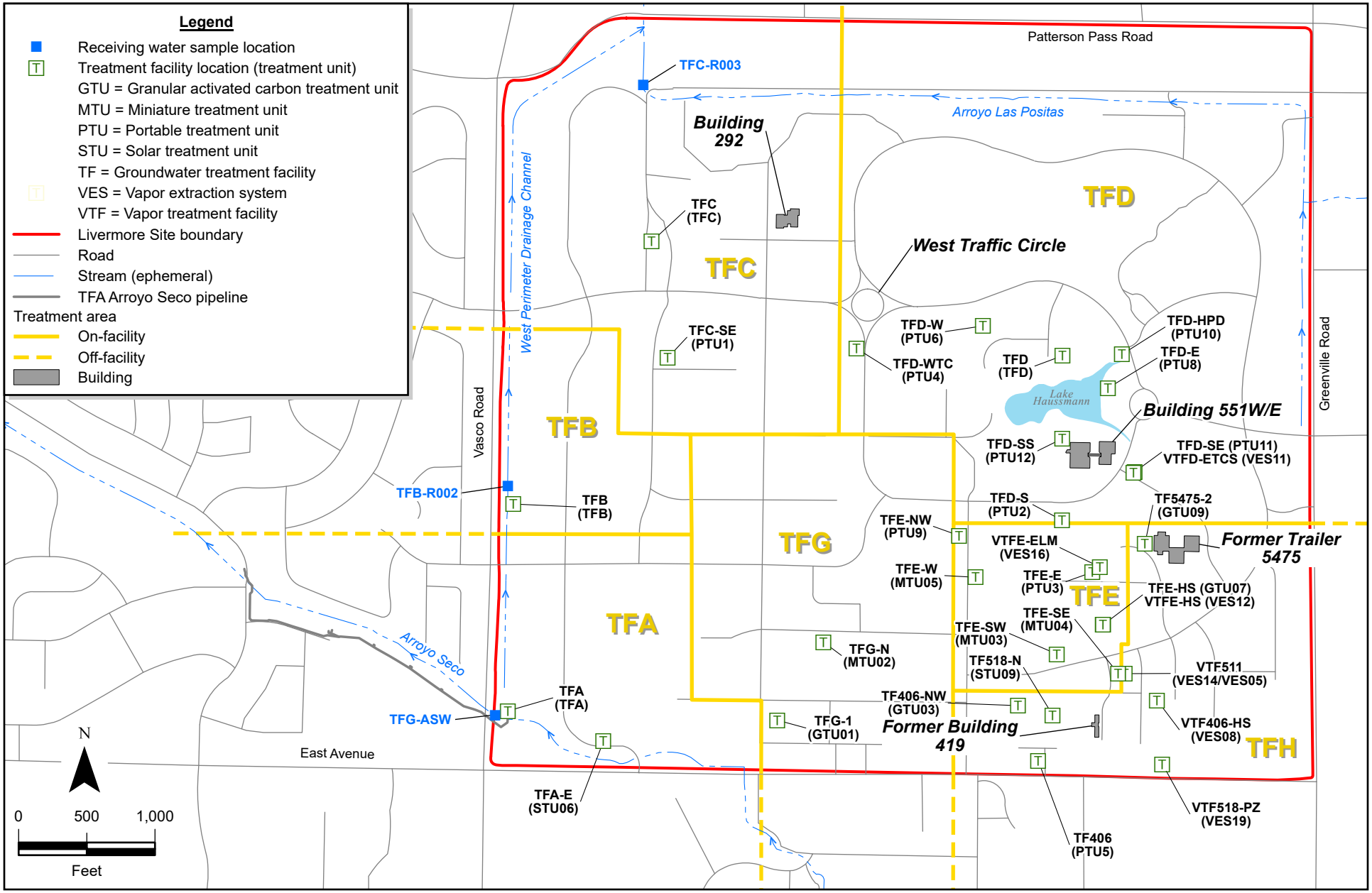

Figure 1. Location of treatment areas and treatment facilities at the Livermore Site.

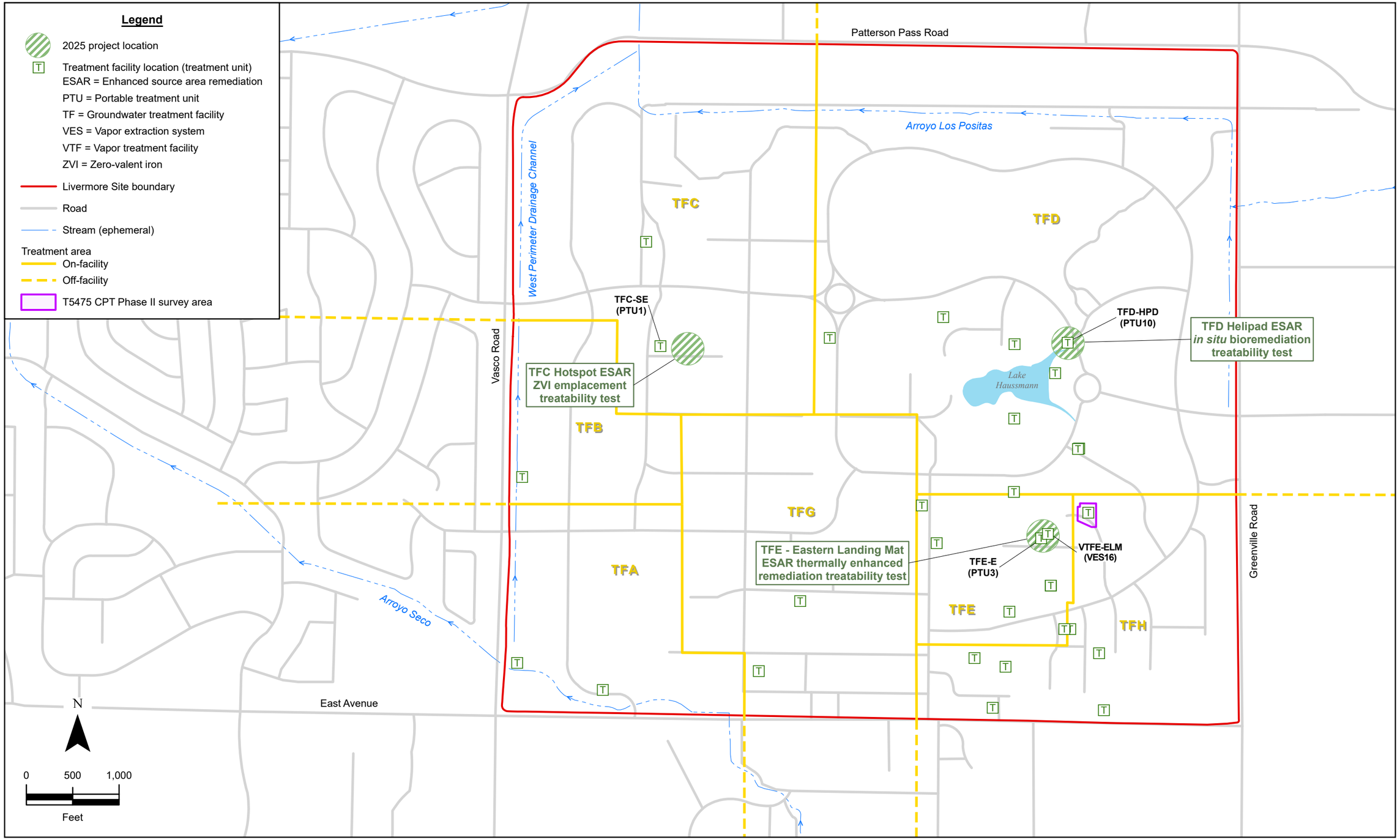

Figure 2. Locations of principal projects conducted at the Livermore Site in 2025.

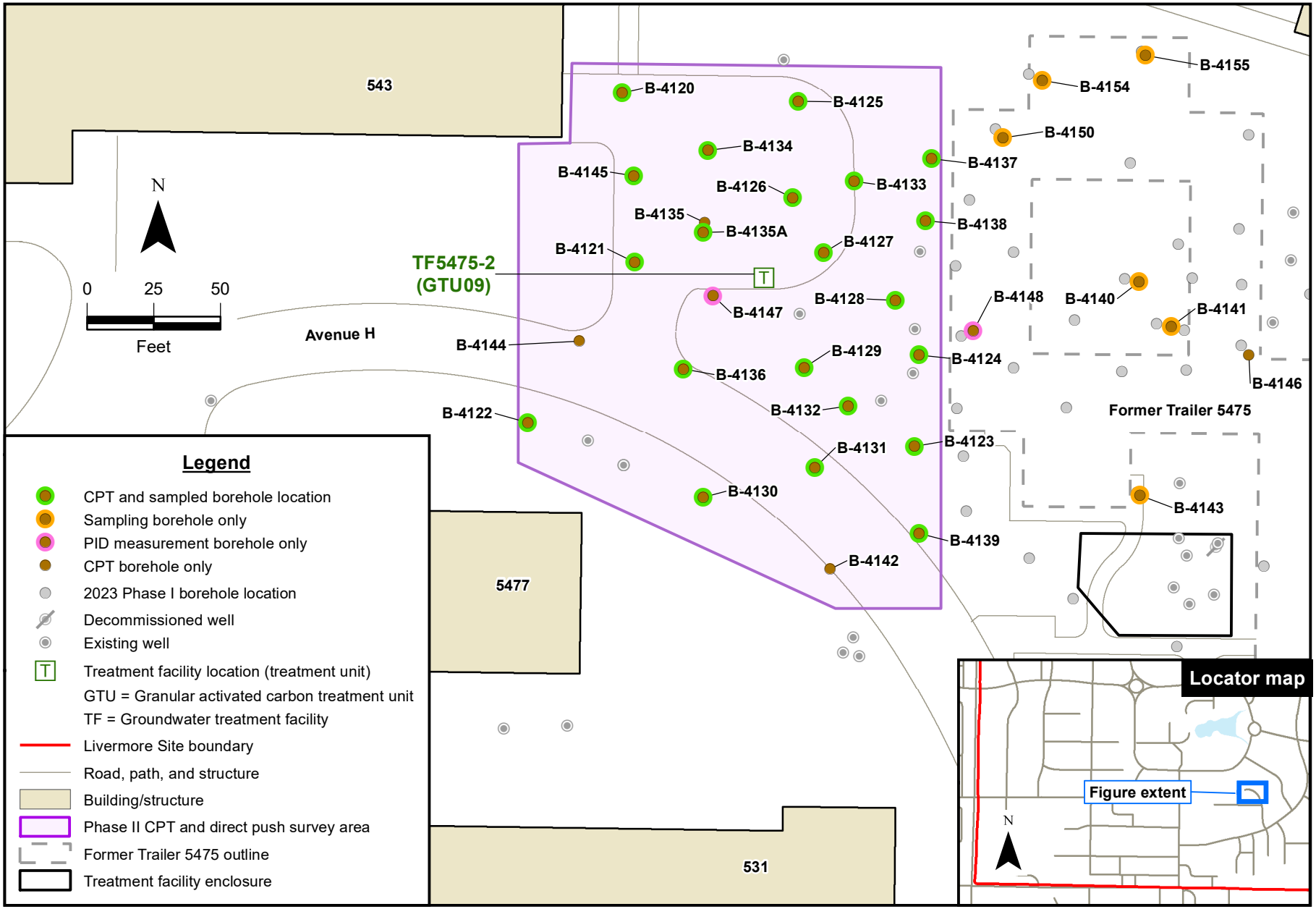

Figure 3. Locations of Phase II cone penetrometer testing (CPT) and direct push sampling performed at the former Trailer 5475 area during 2025.

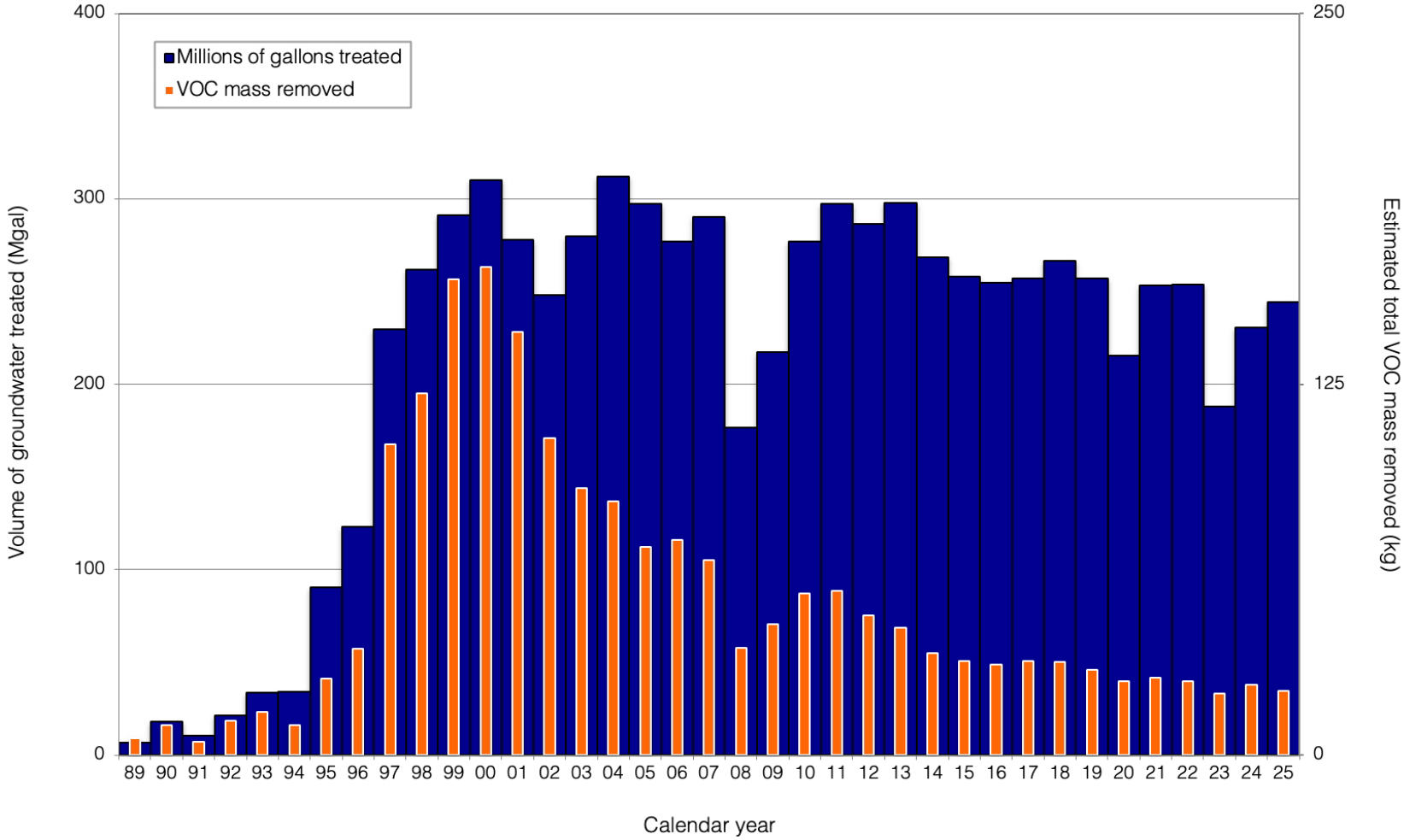

Figure 4. Estimated total VOC mass removed from Livermore Site groundwater since 1989.

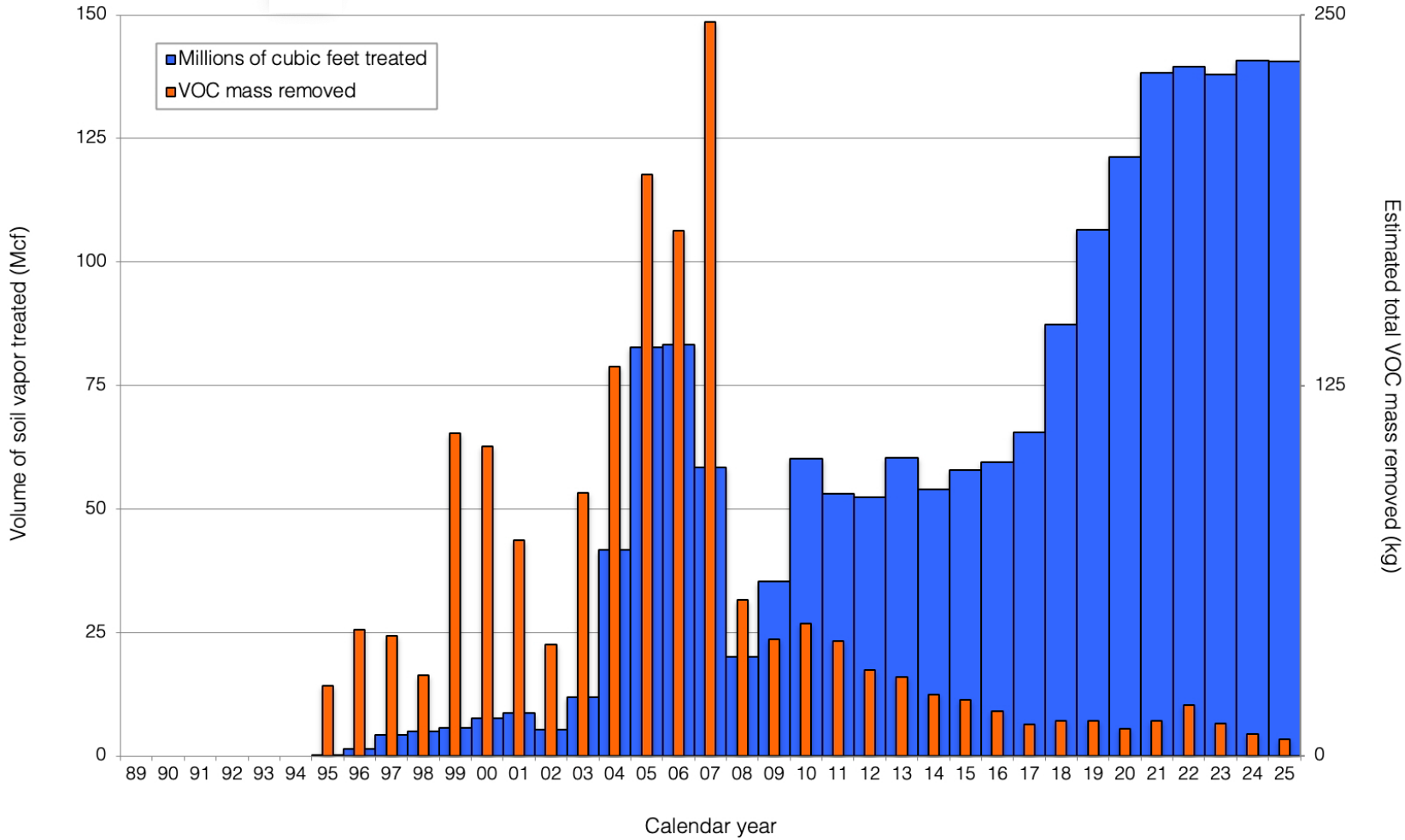

Figure 5. Estimated total VOC mass removed from Livermore Site soil vapor since 1989.

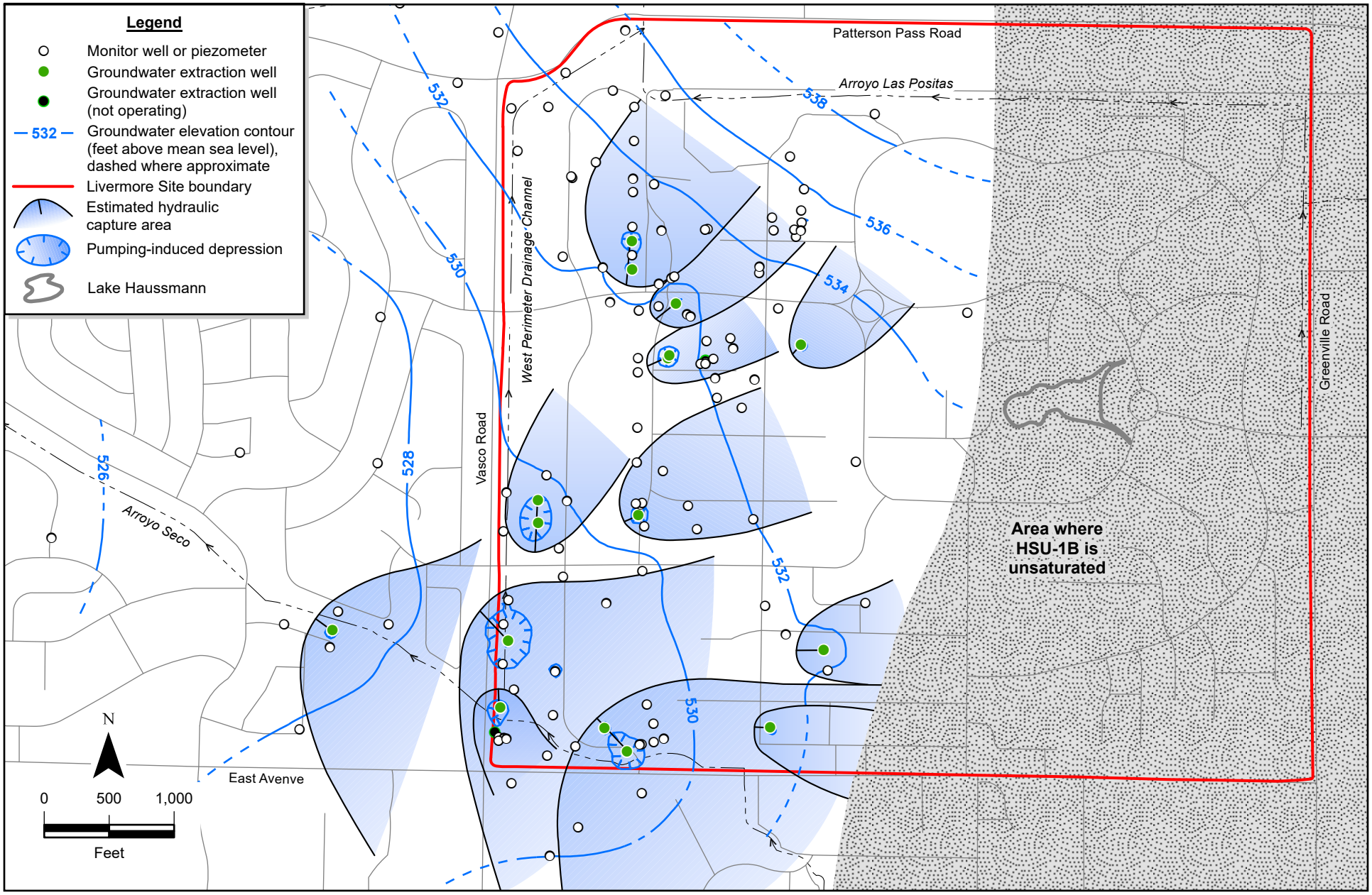

Figure 6. Groundwater elevation contour map based on 133 wells completed within HSU-1B showing estimated hydraulic capture areas, LLNL and vicinity, third quarter 2025.

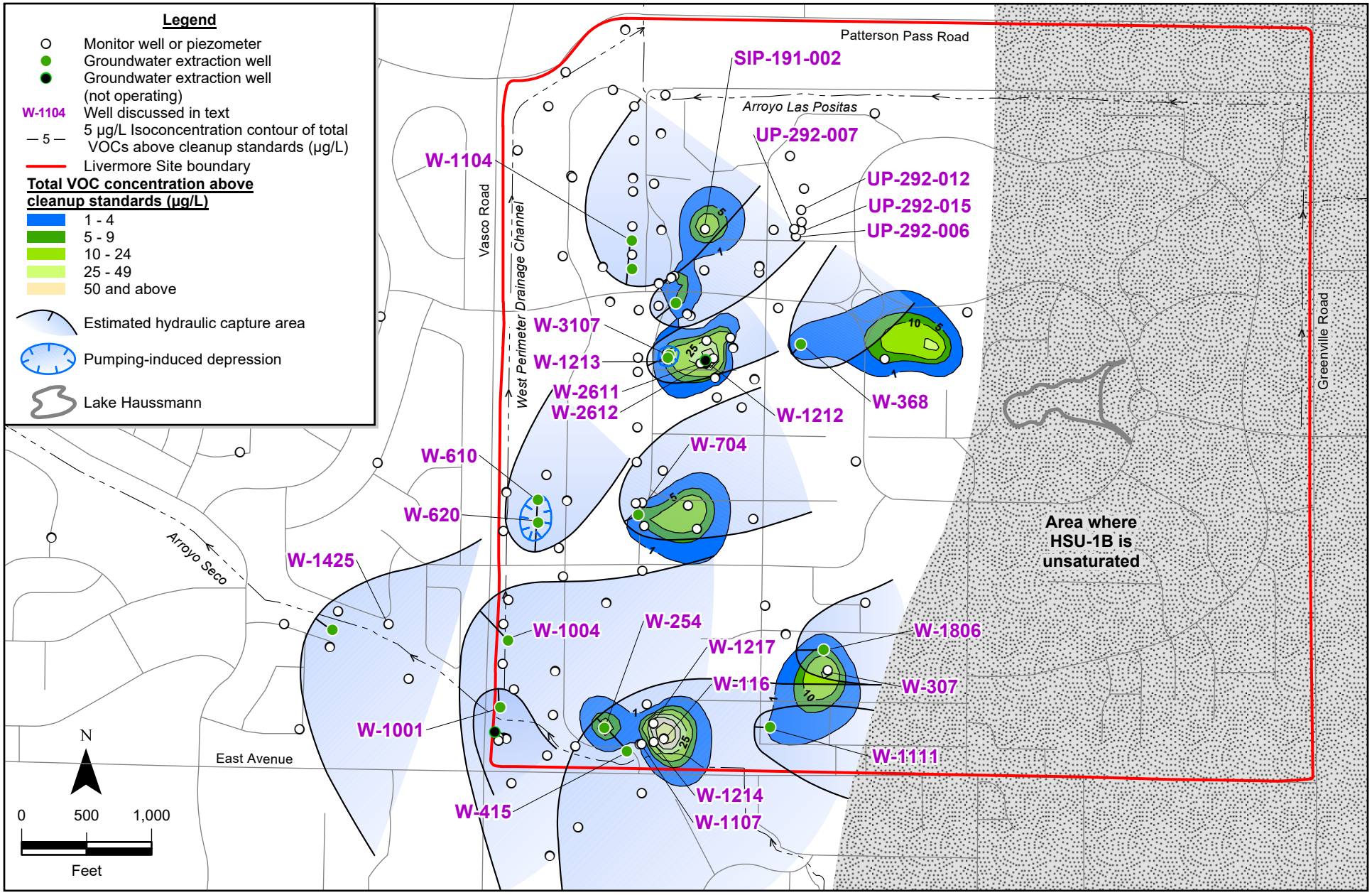

Figure 7. Isoconcentration contour map of total VOCs above cleanup standards from 134 wells completed within HSU-1B using third-quarter 2025 (or the next most recent) data, supplemented with soil chemistry data from 45 borehole locations.

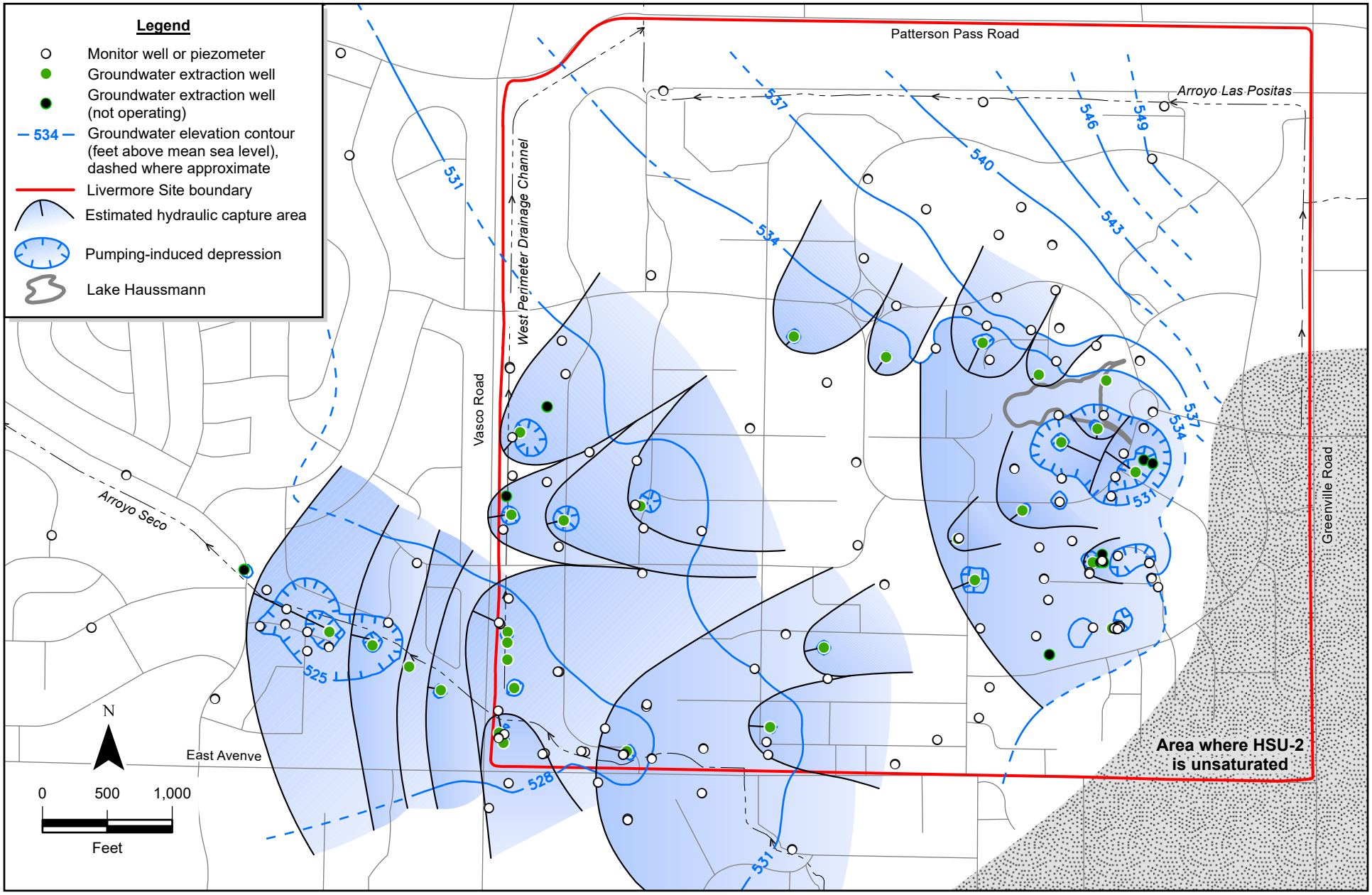

Figure 8. Groundwater elevation contour map based on 170 wells completed within HSU-2 showing estimated hydraulic capture areas, LLNL and vicinity, third quarter 2025.

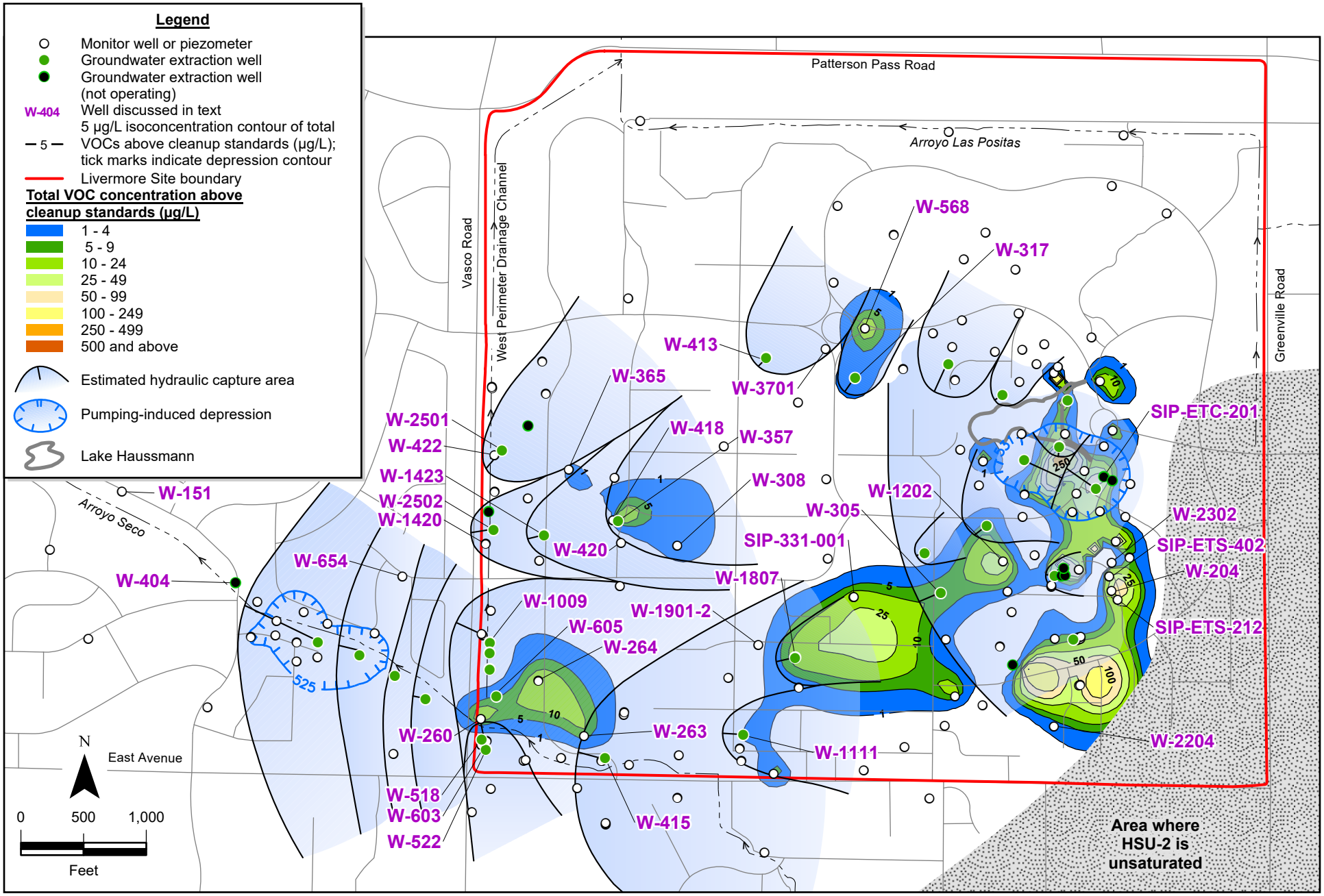

Figure 9. Isoconcentration contour map of total VOCs above cleanup standards from 196 wells completed within HSU-2 using third-quarter 2025 (or the next most recent) data, supplemented with soil chemistry data from 125 borehole locations.

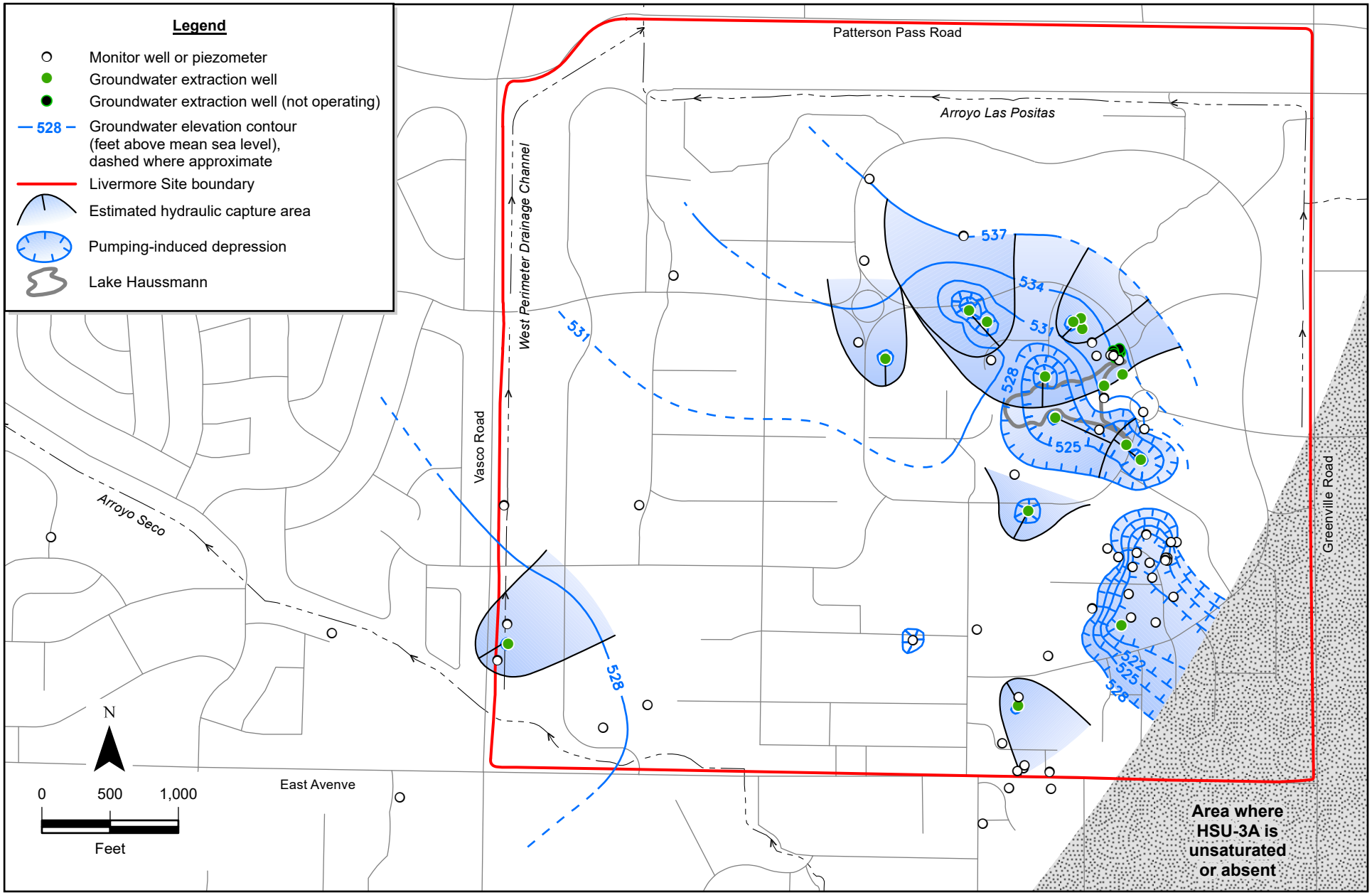

Figure 10. Groundwater elevation contour map based on 78 wells completed within HSU-3A showing estimated hydraulic capture areas, LLNL and vicinity, third quarter 2025.

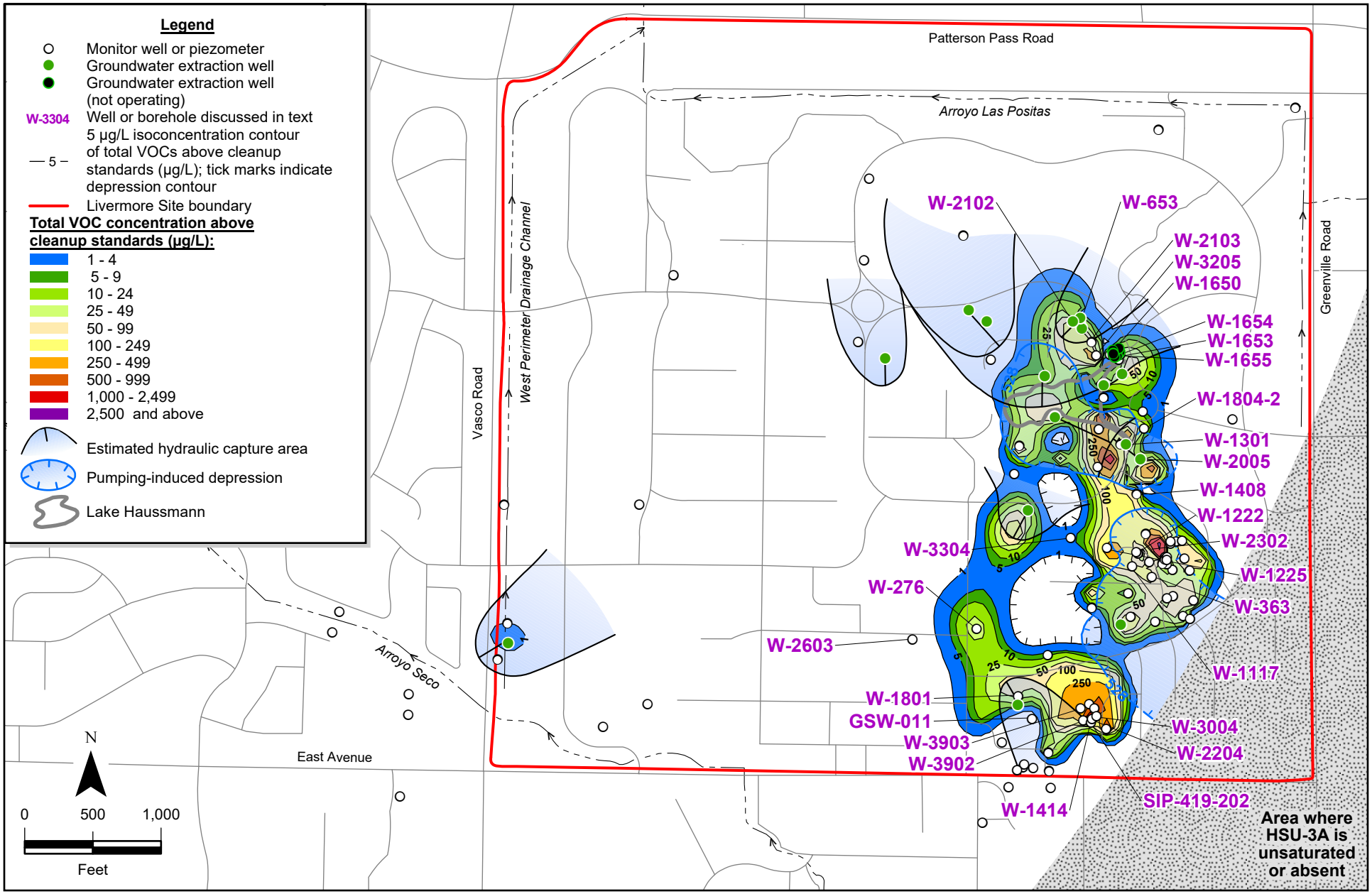

Figure 11. Isoconcentration contour map of total VOCs above cleanup standards from 120 wells completed within HSU-3A using third-quarter 2025 (or the next most recent) data, supplemented with soil chemistry data from 175 borehole locations.

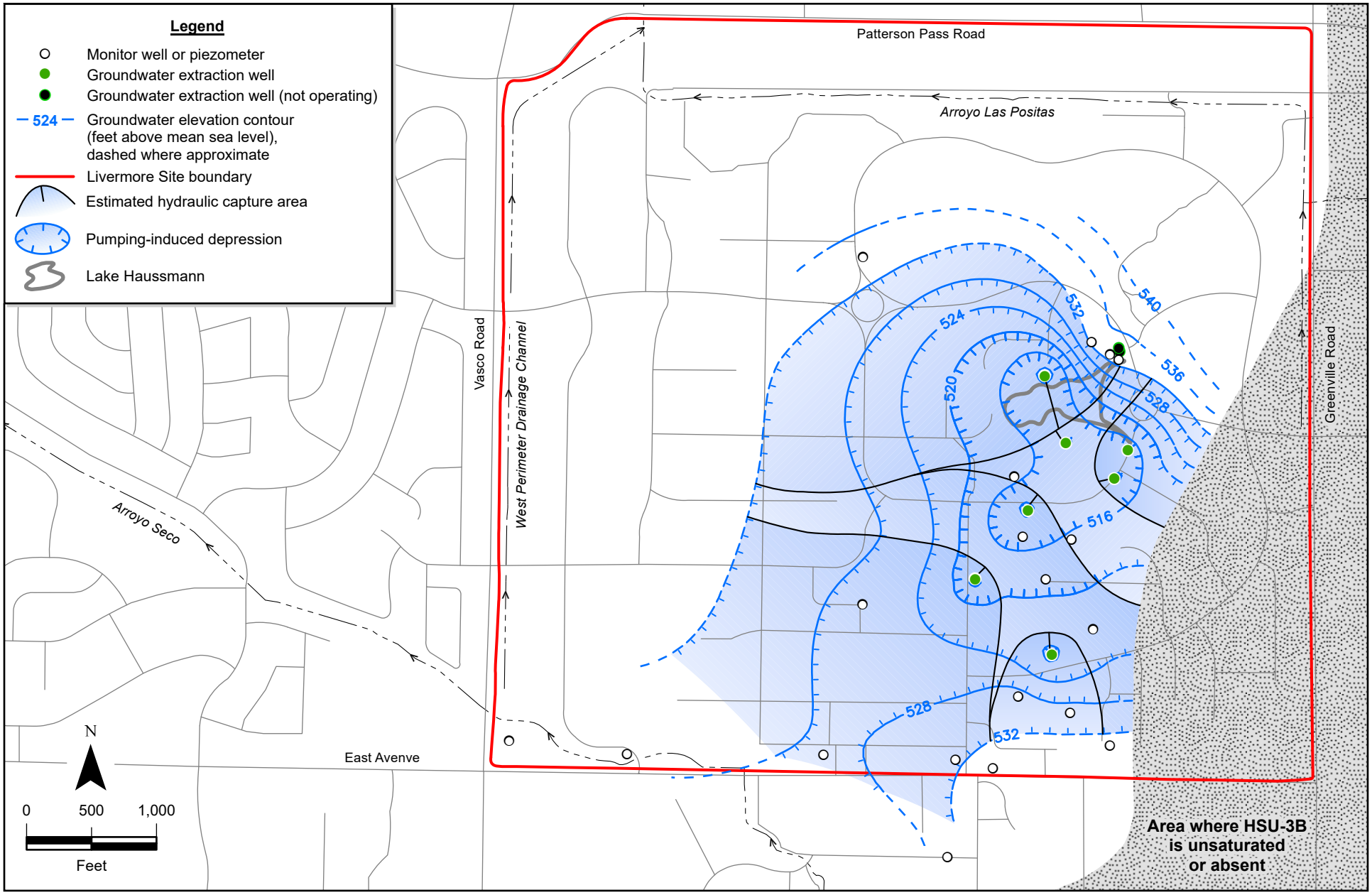

Figure 12. Groundwater elevation contour map based on 28 wells completed within HSU-3B showing estimated hydraulic capture areas, LLNL and vicinity, third quarter 2025.

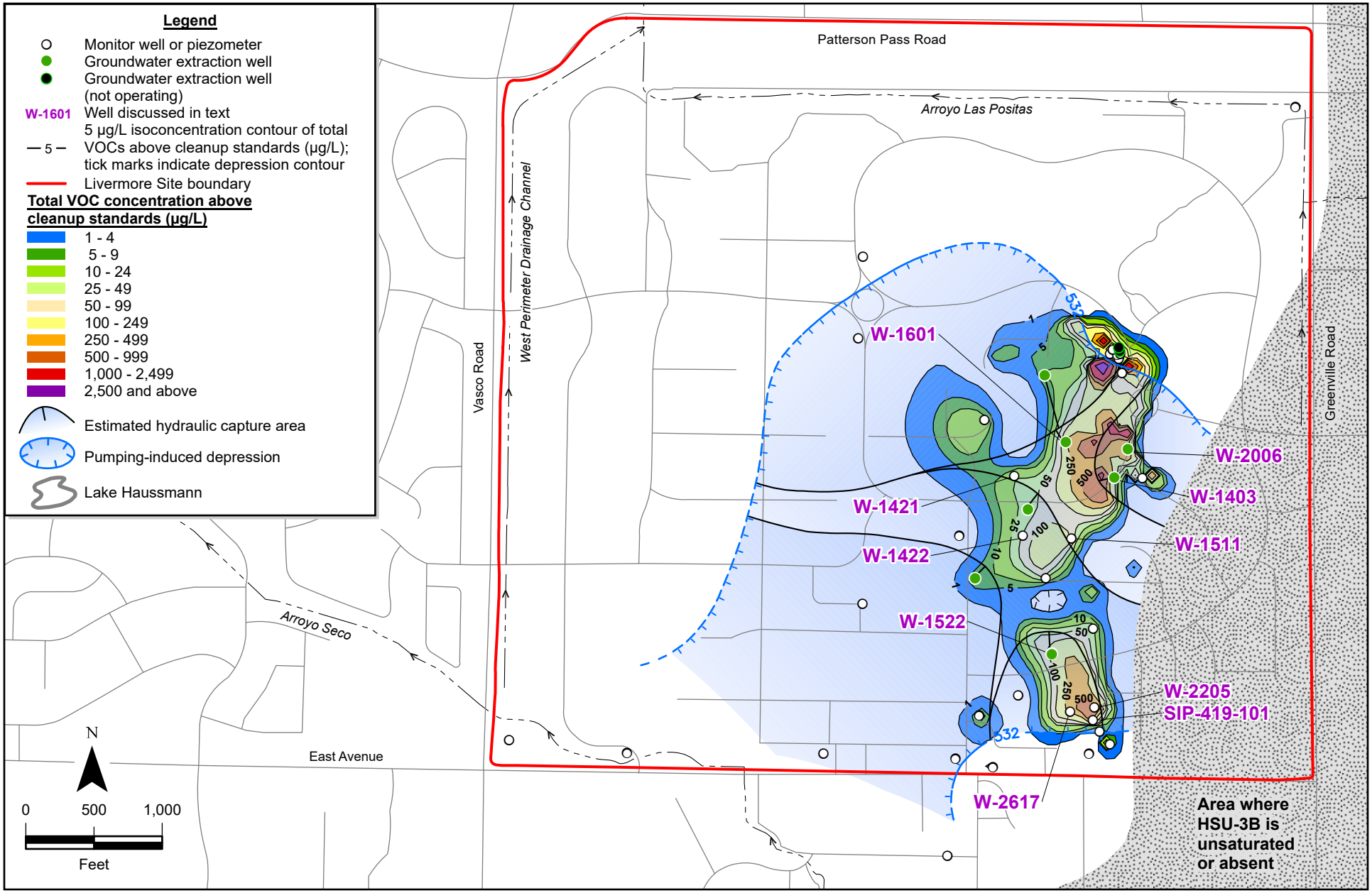

Figure 13. Isoconcentration contour map of total VOCs above cleanup standards from 46 wells completed within HSU-3B using third-quarter 2025 (or the next most recent) data, supplemented with soil chemistry data from 140 borehole locations.

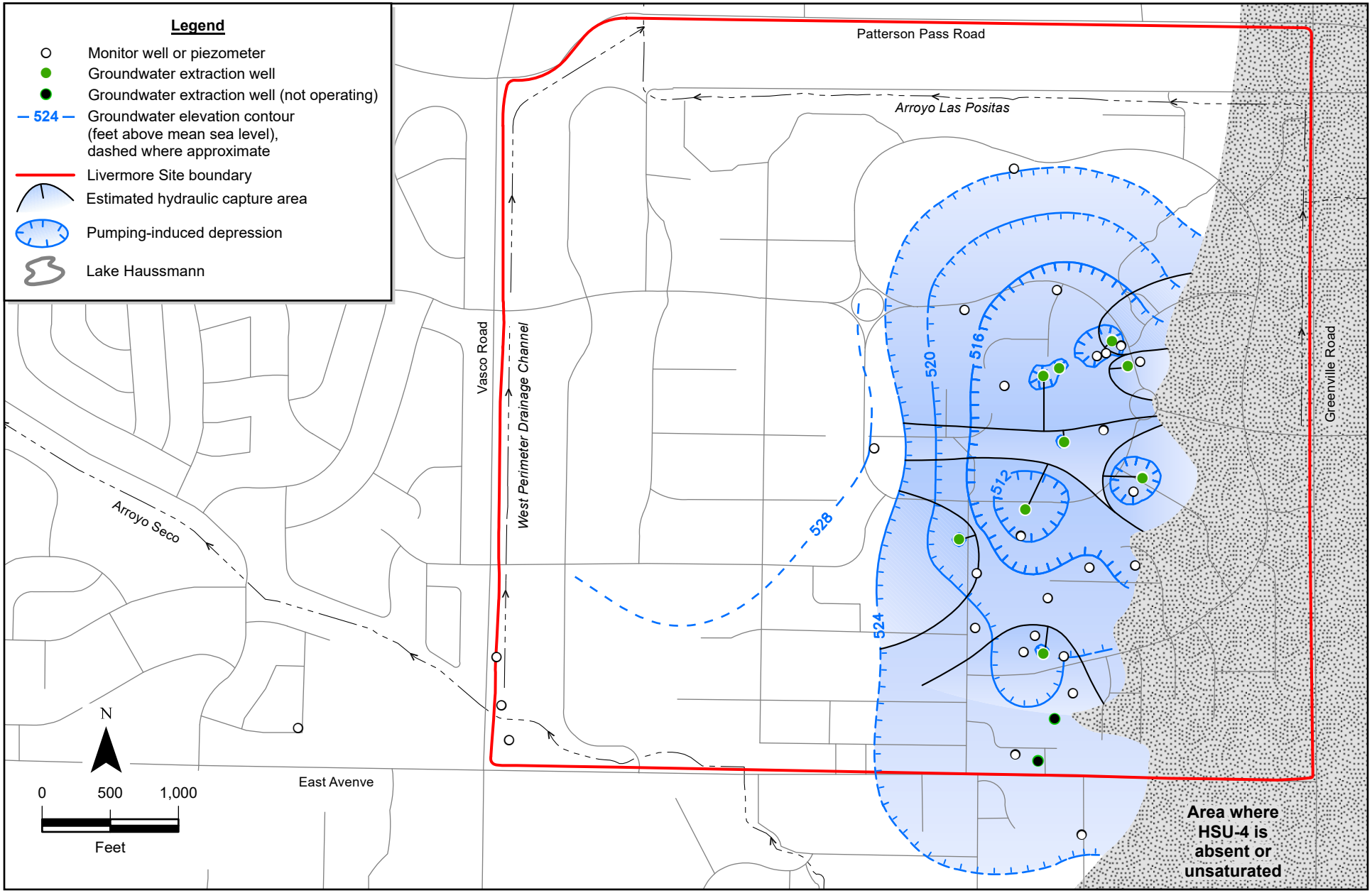

Figure 14. Groundwater elevation contour map based on 38 wells completed within HSU-4 showing estimated hydraulic capture areas, LLNL and vicinity, third quarter 2025.

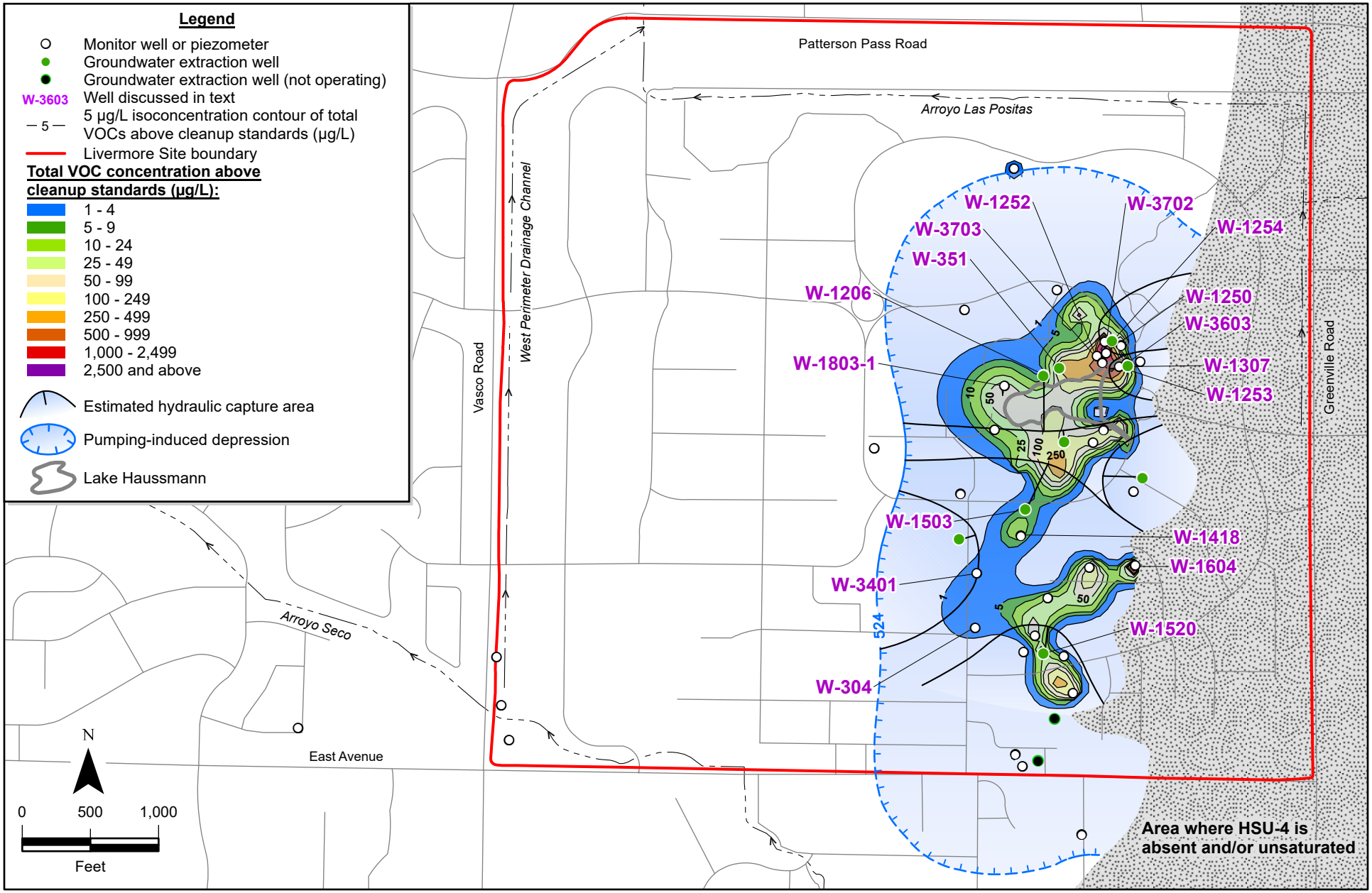

Figure 15. Isoconcentration contour map of total VOCs above cleanup standards from 46 wells completed within HSU-4 using third-quarter 2025 (or the next most recent) data, supplemented with soil chemistry data from 67 borehole locations.

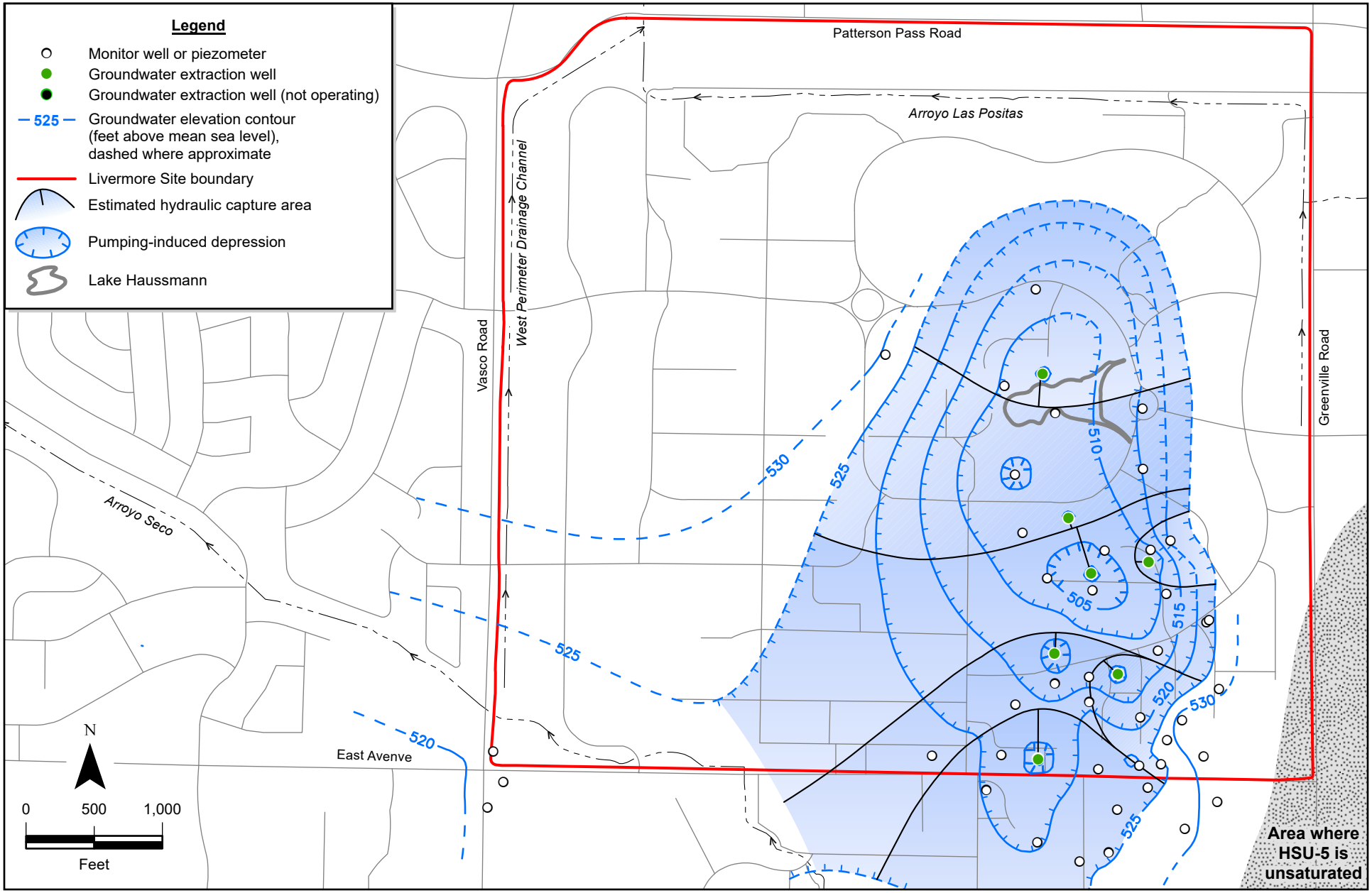

Figure 16. Groundwater elevation contour map based on 51 wells completed within HSU-5 showing estimated hydraulic capture areas, LLNL and vicinity, third quarter 2025.

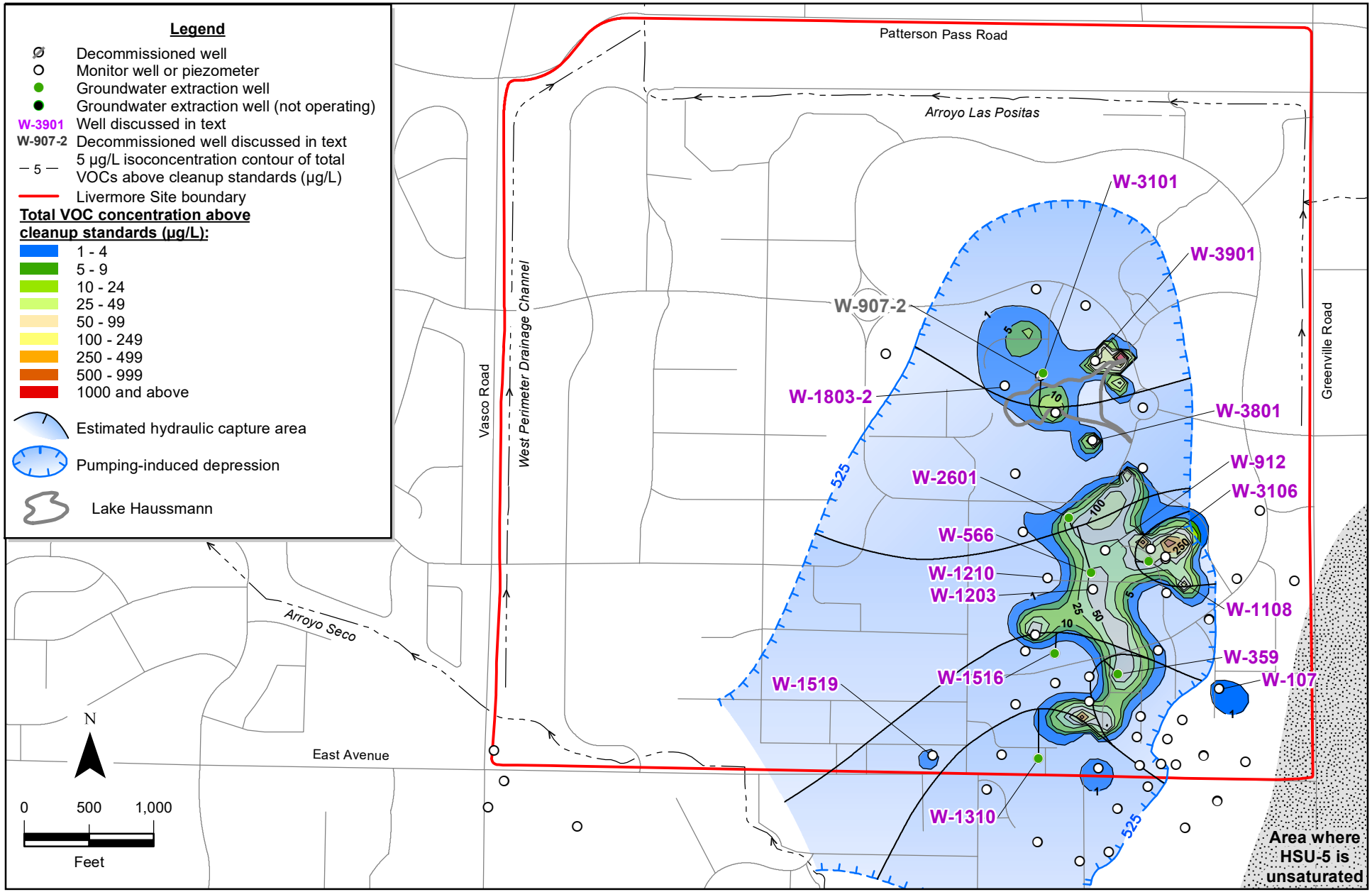

Figure 17. Isoconcentration contour map of total VOCs above cleanup standards from 67 wells completed within HSU-5 using third-quarter 2025 (or the next most recent) data, supplemented with soil chemistry data from 122 borehole locations.

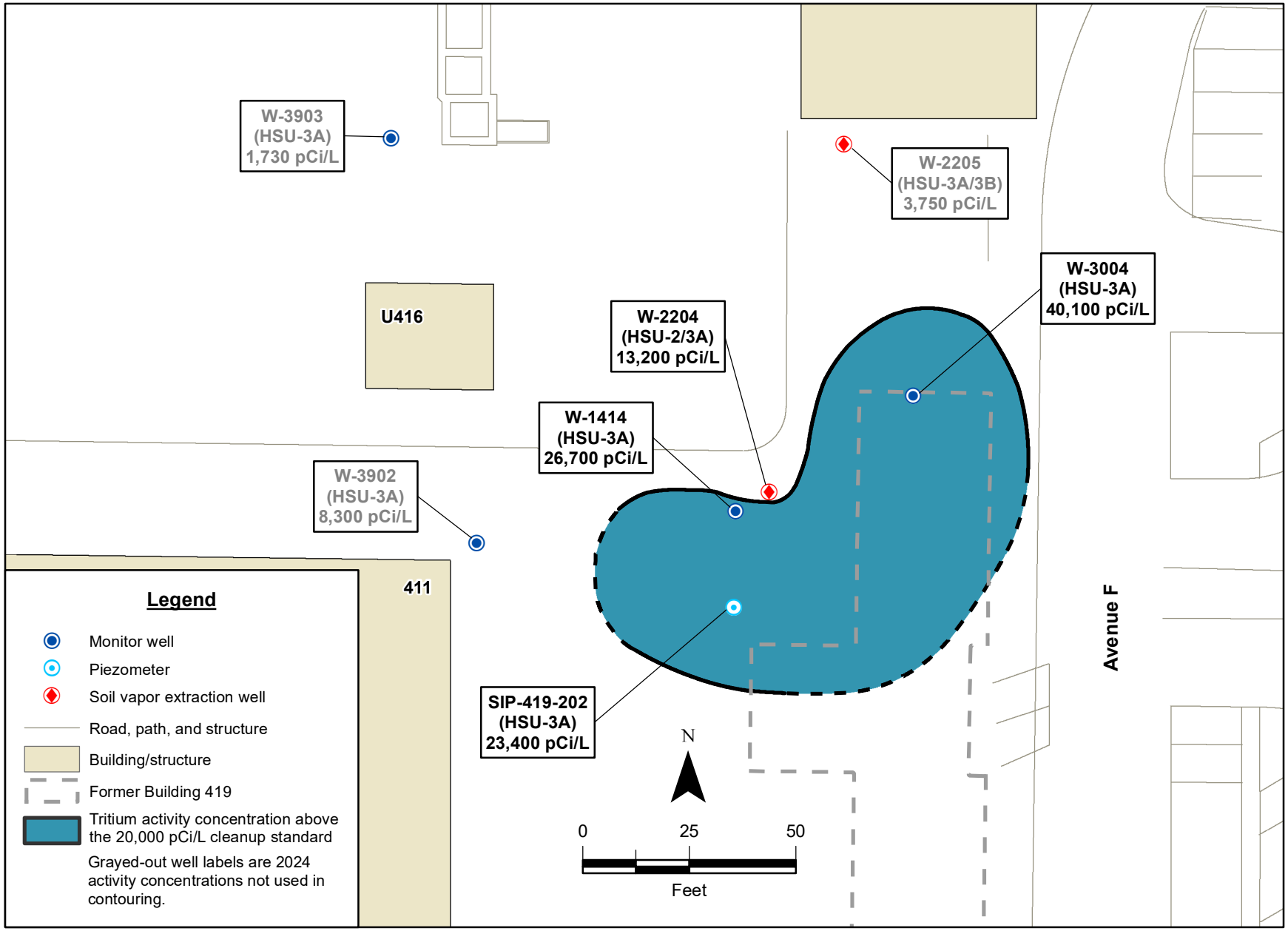

Figure 18. HSU-3A isoconcentration contour map of 2025 maximum groundwater tritium activity concentrations above the 20,000 pCi/L cleanup standard in the former Building 419 area.

Tables

Table 1. Volumes of groundwater and soil vapor extracted and treated, and VOC mass removed, at the Livermore Site in 2025.

Treatment area[a]	Volume extracted		Estimated VOC mass removed		
	Groundwater (Mgal)[b]	Soil vapor (Mcf)[b]	Groundwater (kg)[b,c]	Soil vapor (kg)[b,c]	Total (kg)[d]
TFA	84	-	1.4	-	1.4
TFB	21	-	1.2	-	1.2
TFC	21	-	1.3	-	1.3
TFD	80	27	11.6	0.7	12.3
TFE	24	46	5.0	0.6	5.6
TFG	6	-	0.4	-	0.4
TFH	9	68	0.7	4.3	5.0
TOTAL[d]	**245**	**141**	**21.6**	**5.6**	**27.2**

Notes:

[a] Totals include groundwater and soil vapor extracted from the following facilities:

TFA area: TFA, and TFA-E
TFB area: TFB
TFC area: TFC, and TFC-SE
TFD area: TFD, TFD-E, TFD-HPD, TFD-S, TFD-SE, TFD-SS, TFD-W, TFD-WTC, and VTFD-ETCS
TFE area: TFE-E, TFE-HS, TFE-NW, TFE-SE, TFE-SW, TFE-W, VTFE-ELM, and VTFE-HS
TFG area: TFG-1, and TFG-N
TFH area: TF406, TF406-NW, TF518-N, TF5475-2, VTF406-HS, VTF511, and VTF518-PZ
TFF started operation in February 1993 for fuel hydrocarbon remediation. In August 1995, the regulatory agencies agreed that the vadose zone remediation was complete, and in October 1996, a "No Further Action" status was granted for the groundwater.

[b] Values are derived from individual extraction wells shown in Tables 6 and 7.

[c] VOC mass values are best estimates accounting for measurement uncertainties in both volume and chemical analyses.

[d] Rounded numbers

Mcf = millions of cubic feet; Mgal = millions of gallons; kg = kilograms; - = not applicable; VOC = volatile organic compound.

Table 2. Historical volumes of groundwater and soil vapor extracted and treated, and VOC mass removed, at the Livermore Site through December 2025.

	Volume extracted		Estimated VOC mass removed		
Treatment area[a]	**Groundwater (Mgal)[b]**	**Soil vapor (Mcf)[b]**	**Groundwater (kg)[b,c]**	**Soil vapor (kg)[b,c]**	**Total (kg)[d]**
TFA	3,080	< 1	240	< 1	240
TFB	804	-	103	-	103
TFC	930	-	146	-	146
TFD	1,954	350	1,052	113	1,165
TFE	720	605	305	174	479
TFG	145	-	17	-	17
TFH	279	892	52	1,396	1,448
TOTAL[d]	**7,912**	**1,847**	**1,915**	**1,683**	**3,598**

Notes:

[a] Refer to Table 1 footnote for active facilities in each treatment facility area. Historical volumes of groundwater and soil vapor extracted and treated, and VOC mass removed also includes facilities no longer in operation.

[b] Values are derived from individual extraction wells.

[c] VOC mass values are best estimates accounting for measurement uncertainties in both volume and chemical analyses.

[d] Rounded numbers

Mcf = millions of cubic feet; Mgal = millions of gallons; kg = kilograms; - = not applicable; VOC = volatile organic compound.

Table 3. Types and numbers of wells at the Livermore Site.

Well type	Number of wells
Anode wells (cathodic protection)[a]	9
Dual extraction[b]	10
Groundwater extraction	96
Groundwater injection	1
Groundwater monitor[c]	401
Groundwater guard	19
Solinst CMT Multiwell System®	1
Piezometer	81
Soil vapor extraction	31
Air injection	1
Soil vapor monitor	43
Total	**693**

Notes:

[a] These wells protect metallic objects (e.g., pipelines) that are in contact with the ground from electrolytic corrosion.

[b] These wells extract groundwater using a downhole pump with the concurrent application of vacuum to the well. Groundwater and soil vapor are removed in separate pipe manifolds and treated.

[c] Does not include 33 off-facility private or regulatory agency wells that are occasionally monitored by ERD.

CMT = continuous multichannel tubing; ERD = Environmental Restoration Department.

The number of Livermore Site wells is current through the end of December 2025.

Table 4. Abbreviations for treatment facilities at the Livermore Site.

Treatment facility	Abbreviation
TFA	TFA
TFA East	TFA-E
TFB	TFB
TFC	TFC
TFC Southeast	TFC-SE
TFD	TFD
TFD East	TFD-E
TFD Helipad	TFD-HPD
TFD South	TFD-S
TFD Southeast	TFD-SE
TFD Southshore	TFD-SS
TFD West	TFD-W
TFD West Traffic Circle	TFD-WTC
VTFD East Traffic Circle South	VTFD-ETCS
VTFD Helipad	VTFD-HPD
TFE East	TFE-E
TFE Hotspot	TFE-HS
TFE Northwest	TFE-NW
TFE Southeast	TFE-SE
TFE Southwest	TFE-SW
TFE West	TFE-W
VTFE Eastern Landing Mat	VTFE-ELM
VTFE Hotspot	VTFE-HS
TFG-1	TFG-1
TFG North	TFG-N
TF406	TF406
TF406 Northwest	TF406-NW
VTF406 Hotspot	VTF406-HS
VTF511	VTF511
TF518 North	TF518-N
VTF518 Perched Zone	VTF518-PZ
TF5475-2	TF5475-2

Notes:
TF = groundwater treatment facility; VTF = soil vapor treatment facility

Table 5. Summary of treatment facility discharge sampling locations.

Treatment facility		Discharge sampling location[a]
TFA	TFA	Arroyo Seco (TFG-ASW) and West Perimeter Drainage Channel (TFB-R002)
	TFA East	Arroyo Seco (TFG-ASW)
TFB	TFB	West Perimeter Drainage Channel (TFB-R002) and Building 133 Cooling Tower (TFB-E-B133CT)
TFC	TFC	Arroyo Las Positas (TFC-R003)
	TFC Southeast	Arroyo Las Positas (TFC-R003)
TFD	TFD	Arroyo Las Positas (TFC-R003) and TFD irrigation supply (TFD-IRR)
	TFD East	Arroyo Las Positas (TFC-R003)
	TFD Helipad	Arroyo Las Positas (TFC-R003)
	TFD South	Arroyo Las Positas (TFC-R003)
	TFD Southeast	Arroyo Las Positas (TFC-R003)
	TFD Southshore	Arroyo Las Positas (TFC-R003) and TFD Southshore irrigation supply (PTU12-IRR)
	TFD West	Arroyo Las Positas (TFC-R003)
	TFD West Traffic Circle	Arroyo Las Positas (TFC-R003)
	VTFD East Traffic Circle South	Treated vapor to atmosphere
	VTFD Helipad	Treated vapor to atmosphere
TFE	TFE East	Arroyo Las Positas (TFC-R003)
	TFE Hotspot	Arroyo Las Positas (TFC-R003)
	TFE Northwest	Arroyo Las Positas (TFC-R003)
	TFE Southeast	Arroyo Las Positas (TFC-R003)
	TFE Southwest	Arroyo Las Positas (TFC-R003)
	TFE West	Arroyo Las Positas (TFC-R003)
	VTFE Eastern Landing Mat	Treated vapor to atmosphere
	VTFE Hotspot	Treated vapor to atmosphere
TFG	TFG-1	Arroyo Seco (TFG-ASW)
	TFG North	Arroyo Las Positas (TFC-R003)
TFH	TF406	Arroyo Las Positas (TFC-R003)
	TF406 Northwest	Arroyo Las Positas (TFC-R003)
	VTF406 Hotspot	Treated vapor to atmosphere
	VTF511	Treated vapor to atmosphere
	TF518 North	Arroyo Las Positas (TFC-R003)
	VTF518 Perched Zone	Treated vapor to atmosphere
	TF5475-2	Arroyo Las Positas (TFC-R003)

Notes:

[a] See Attachment 1, LLNL Livermore Site well location map, for water discharge locations to ground surface.

Table 6. Performance summary for groundwater at the Livermore Site in 2025.

Treatment facility	HSU	Extraction well	Volume of groundwater treated (Kgal)	Estimated VOC mass removed from groundwater (kg)
TFA	1B	W-262	<1	<0.01
	1B	W-408	14,049	0.00
	1B	W-1001	519	0.00
	1B	W-1004	3,056	0.02
	1B/2	W-415	10,679	0.35
	2	W-109	13,122	0.03
	2	W-404	55	<0.01
	2	W-457	3,160	0.03
	2	W-518	2,161	0.09
	2	W-522	10,977	0.13
	2	W-605	2,951	0.14
	2	W-614	5,393	0.08
	2	W-714	704	0.01
	2	W-903	3,166	0.03
	2	W-904	7,787	0.11
	2	W-1009	5,114	0.28
	3A	W-712	808	0.05
TFA-E	1B	W-254	289	0.03
TFB	1B	W-610	2,173	<0.01
	1B	W-620	2,362	0.04
	1B	W-704	5,560	0.48
	2	W-357	3,789	0.49
	2	W-621	2	<0.01
	2	W-655	1	<0.01
	2	W-1423	2,006	0.09
	2	W-2501	4,182	0.04
	2	W-2502	796	0.02
TFC	1B	W-701	10,128	0.87
	1B	W-1104	6,390	0.11
	1B	W-1116	772	0.02
TFC-SE	1B	W-1213	3,423	0.23
	1B	W-2201	1	<0.01
	1B	W-3107	679	0.08

Table 6. Performance summary for groundwater at the Livermore Site in 2025.

Treatment facility	HSU	Extraction well	Volume of groundwater treated (Kgal)	Estimated VOC mass removed from groundwater (kg)
TFD	2	W-3102	476	0.01
	3A	W-653	27	0.01
	3A	W-2011	63	<0.01
	3A	W-2101	64	0.01
	3A	W-2102	232	0.10
	3A/3B	W-1208	7,136	0.67
	4	W-351	723	1.30
	4	W-1206	9,630	0.41
	5	W-3101	2,204	0.06
TFD-E	2	W-1303	1,171	0.26
	2	W-1306	22	<0.01
	3A	W-1301	573	0.39
	3A	W-1550	20	<0.01
	3A	W-2203	2	<0.01
	3B	W-2006	8	0.01
	4	W-1307	3,275	0.24
TFD-HPD [a]	4	W-1254	3,217	0.64
TFD-S	2	W-1510	1,685	0.12
	3A/3B	W-1504	3,862	0.80
	4	W-1503	3,769	0.24
	5	W-2601	2,016	0.44
TFD-SE	2	W-1308	1,067	0.28
	2	W-1904	0	0.00
	2	SIP-ETC-201	0	0.00
	3A	W-2005	381	0.06
	3B	W-1403	703	0.69
	4	W-314	2,954	0.09
TFD-SS	2	W-1602	899	0.03
	3A	W-1603	4,316	1.44
	3B	W-1601	397	0.37
	4	W-1523	1,617	0.75
TFD-W	2	W-1215	3,891	0.10
	2	W-1216	0	0.00
	3A	W-1802	746	0.08
	3A	W-1902	5,857	0.32

Table 6. Performance summary for groundwater at the Livermore Site in 2025.

Treatment facility	HSU	Extraction well	Volume of groundwater treated (Kgal)	Estimated VOC mass removed from groundwater (kg)
TFD-WTC	1B	W-368	1,159	0.08
	2	W-317	4,682	0.51
	2	W-413	6,793	0.66
	3A	W-315	3,888	0.44
TFE-E	2	W-1109	671	0.10
	2	W-1903	0	0.00
	2	W-1909	0	0.00
	2	W-2305	0	0.00
	5	W-566	3,969	1.39
TFE-HS	2	W-2105	10	<0.01
	3A	W-2801	544	0.34
TFE-NW	2	W-1409	471	0.02
	4	W-1211	2,192	0.04
TFE-SE	5	W-359	4,027	1.95
TFE-SW	2	W-1518	<1	<0.01
	3B	W-1522	523	0.29
	4	W-1520	247	0.08
	5	W-1516	4,533	0.10
TFE-W	2	W-305	4,871	0.51
	3B	W-292	1,887	0.15
TFG-1	1B/2	W-1111	2,650	0.11
TFG-N	1B	W-1806	1,182	0.08
	2	W-1807	1,767	0.20
TF406	4	W-1309	<1	<0.01
	5	W-1310	5,820	0.02
TF406-NW	3A	W-1801	2,476	0.14
TF518-N [b]	4	W-1410	0	0.00
TF5475-2	2/3A	W-1415	0	0.00
	5	W-1108	599	0.56

Notes:

[a] Extraction wells W-1650, W-1653, W-1655, and W-1657 are not connected to TFD-HPD to facilitate the ongoing *in situ* bioremediation treatability test at the former helipad area and may be connected if necessary (Section 3.2).

[b] TF518-N did not operate due to mixed waste disposition issues (LLNL, 2009).

Kgal = thousands of gallons; kg = kilograms; HSU = hydrostratigraphic unit; VOC = volatile organic compound.

Table 7. Performance summary for soil vapor at the Livermore Site in 2025.

Treatment facility[a]	HSU	Extraction well	Volume of soil vapor treated (Kcf)	Estimated VOC mass removed from soil vapor (kg)
VTFD-ETCS	1B	W-ETC-2003	19,394	0.16
	1B/2	W-ETC-2004A	470	0.03
	2	W-1904	0	0.00
	2	W-ETC-2004B	6,852	0.52
	2	SIP-ETC-201	0	0.00
VTFE-ELM	1B	W-543-1908	0	0.00
	2	W-1903	<1	<0.01
	2	W-1909	0	0.00
	2	W-2305	<1	<0.01
	2	W-543-001	0	0.00
	2	W-543-003	17,344	0.44
VTFE-HS	1B/2	W-ETS-2008B	3,382	0.01
	1B/2	W-ETS-2010A	5,574	0.01
	2	W-2105	260	0.02
	2	W-ETS-2009	4,899	<0.01
	2	W-ETS-2010B	8,567	0.03
	2	W-3203	5,894	0.08
VTF406-HS	1B/2	W-514-2007A	0	0.00
	2/5	W-514-2007B	7,251	0.30
	5	W-217	10,414	1.09
VTF511	1B	W-2207A	<1	<0.01
	2	W-2204	0	0.00
	2	W-2205	0	0.00
	2	W-2206	0	0.00
	2	W-2208A	<1	<0.01
	2/3A	W-2207B	5,412	0.18
	2/3A	W-2208B	7,586	0.98
VTF518-PZ	1B/2	W-1615	518	0.24
	2	W-2215A	0	0.00
	2	W-518-1913	196	0.15
	2	W-518-1915	506	0.07
	2	SVB-518-204	9,764	0.14
	2	W-3201	11,480	0.12
	2	W-3202	2,761	0.74
	5	W-2215B	12,136	0.27

Table 7. Performance summary for soil vapor at the Livermore Site in 2025.

Notes:

[a] Extraction wells W-1650, W-1651, W-1652, W-1653, W-1654, W-1655, W-1656, W-1657, W-HPA-002A, and W-HPA-002B, previously connected to VTFD-HPD, were secured in 2010 to facilitate the ongoing *in situ* bioremediation treatability test at the former helipad area (Section 3.2).

Kcf = thousands of cubic feet; kg = kilograms; HSU = hydrostratigraphic unit; VOC = volatile organic compound.

Table 8. Summary of treatment facility operations at the Livermore Site in 2025.

Area	Treatment facility	Operated?	In compliance?	Facility highlights
TFA	TFA	Yes	Yes	• Shut down on December 18, 2025, due to an unplanned power outage, and remained secure through the end of the reporting period due to a failed discharge pump component.
	TFA East	Yes	Yes	• Secured on December 16, 2024, due to a failed groundwater pump, and restarted on January 22, 2025. • Secured on November 6, 2025, in response to the government shutdown, and restarted on November 17, 2025.
TFB	TFB	Yes	Yes	• Shut down on November 14, 2024, due to a failed discharge pump, and restarted on January 9, 2025. • Secured on January 10, 2025, due to a failed discharge pump component, and restarted on January 16, 2025. Secured again on January 17, 2025, due to a failed discharge pump component, and restarted on February 19, 2025. • Secured on July 30, 2025, for filter housing replacement and maintenance, and restarted on September 16, 2025.
TFC	TFC	Yes	No	• Secured on April 24, 2025, due to a failed air stripper component, and restarted on May 7, 2025. Routinely scheduled BAAD air readings were scheduled to be collected on May 1, 2025; however, the facility was secured for repair and air readings were not collected until May 29, 2025, resulting in 45 operational days between readings and exceeding the air reading frequency requirement of every 31 days of operation. See Appendix D for additional details.
	TFC Southeast	Yes	Yes	• Secured on January 7, 2025, for maintenance, and restarted on February 4, 2025.
TFD	TFD	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 18, 2025.
TFD	TFD East	Yes	Yes	• Secured on July 17, 2025, to replace the facility site-screen, and restarted on August 5, 2025. • Secured on November 6, 2025, in response to the government shutdown, and restarted on November 19, 2025.
	TFD Helipad	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 19, 2025.
	TFD South	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 19, 2025.
	TFD Southeast	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 19, 2025.

Table 8. Summary of treatment facility operations at the Livermore Site in 2025.

Area	Treatment facility	Operated?	In compliance?	Facility highlights
TFD	TFD Southshore	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 19, 2025. • Shut down on November 21, 2025, due to scaling in the discharge pump, and restarted on December 5, 2025.
	TFD West	Yes	Yes	• Secured on June 27, 2025, to replace the facility site-screen, and restarted on August 6, 2025. • Secured on November 6, 2025, in response to the government shutdown, and restarted on November 19, 2025.
	TFD West Traffic Circle	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 19, 2025.
	VTFD East Traffic Circle South	Yes	Yes	• None
	VTFD Helipad	No	-	• Did not operate in 2025 to facilitate the TFD Helipad *in situ* bioremediation ESAR treatability test described in Appendix C. Restart depends on residual VOC concentrations in the subsurface once the ESAR test is complete.
TFE	TFE East	Yes	Yes	• None
	TFE Hotspot	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 17, 2025.
	TFE Northwest	Yes	Yes	• Secured on July 10, 2025, due to a failed groundwater pump, and restarted on December 2, 2025.
	TFE Southeast	Yes	No	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 18, 2025. • On December 1, 2025, approximately 1.25 gallons of untreated condensate water was released to the surrounding concrete and asphalt when a bucket handle broke. The SFRWQCB was notified on December 2, 2025. See Appendix D for additional details.
	TFE Southwest	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 18, 2025.
	TFE West	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted November 18, 2025.
	VTFE Eastern Landing Mat	Yes	Yes	• None
	VTFE Hotspot	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 18, 2025.

Table 8. Summary of treatment facility operations at the Livermore Site in 2025.

Area	Treatment facility	Operated?	In compliance?	Facility highlights
TFG	TFG-1	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 17, 2025.
	TFG North	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 18, 2025.
TFH	TF406	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, on restarted on November 19, 2025.
	TF406 Northwest	Yes	Yes	• Secured on August 15, 2025, for institutional vegetation management and remained secured for well development and granular active carbon treatment media changeout. Facility was restarted on October 1, 2025. • Secured on November 6, 2025, in response to the government shutdown, and restarted on November 17, 2025.
	VTF406 Hotspot	Yes	Yes	• None
	VTF511	Yes	Yes	• None
	TF518 North	No	-	• Did not operate in 2025 due to mixed waste issues (LLNL 2009).
	VTF518 Perched Zone	Yes	No	• On December 1, 2025, approximately 8 gallons of untreated condensate water was released to the surrounding concrete and asphalt when a plug on the condensate knockout tank failed. The SFRWQCB was notified on December 2, 2025. See Appendix D for additional details.
	TF5475-2	Yes	Yes	• Secured on November 6, 2025, in response to the government shutdown, and restarted on November 17, 2025.

Notes:

- = not applicable; BAAD = Bay Area Air District; ESAR = enhanced source area remediation; LLNL = Lawrence Livermore National Laboratory; SFRWQCB = San Francisco Regional Water Quality Control Board; TF = groundwater treatment facility; VOC = volatile organic compound.

Appendix A

Well Construction and Closure Data

Table A-1. Wells installed and decommissioned at the Livermore Site in 2025.

Well name	Installed/ decommissioned	Well type	Date	HSU	Drill depth (ft-bgs)	Casing depth (ft-bgs)	Screened interval (ft-bgs)
No wells were installed or decommissioned during the reporting period.							

Notes:
ft-bgs = feet below ground surface; HSU = hydrostratigraphic unit.

Appendix B

Decision-Support Algorithms

Appendix B-1

Groundwater Sampling Monitoring Algorithm

B-1-1. Introduction

Lawrence Livermore National Laboratory (LLNL) uses a statistically based methodology, referred to as the cost-effective sampling (CES) frequency algorithm, to estimate the lowest frequency sampling schedule for groundwater monitoring locations that meets regulatory and cleanup monitoring needs.

The CES algorithm first generates an initial, or "raw," recommendation for each monitoring location using a computer program that evaluates patterns in the available data. Each location's raw recommendation may be for quarterly, semi-annual, annual, or biennial (i.e., every other year) sampling. Project personnel then review the raw recommendations and are permitted to increase, but not decrease, the sampling frequency according to other, non-statistical considerations (McConachie 1993). When the computer program cannot make a raw recommendation, project personnel are responsible for determining the sampling frequency.

The CES algorithm is applied every quarter to obtain recommendations that will take effect in the following quarter. In this way, the sampling frequency determinations are updated regularly as new data are obtained. The algorithm is a dynamic tool that can be modified as remediation continues and technical advancements occur.

B-1-2. Using the CES Algorithm

The CES algorithm is applied separately to each location. Concentration trend, variability, and magnitude statistics are calculated for each of following 13 key contaminants of concern (COCs):

- Carbon tetrachloride
- Chloroform
- 1,1-dichloroethane (1,1-DCA)
- 1,2-dichloroethane (1,2-DCA)
- 1,1-dichloroethene (1,1-DCE)
- 1,2-DCE (total)
- Trichlorofluoromethane (Freon 11)
- 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)
- 1,1,1-trichloroethane (1,1,1-TCA)
- 1,1,2-trichloroethane (1,1,2-TCA)
- Tetrachloroethene (PCE)
- Trichloroethene (TCE)
- Vinyl chloride

The statistics are then evaluated to produce a raw recommended sampling frequency for each COC. The resulting CES raw recommendation is the greatest sampling frequency among the individual COC recommendations for that location.

The CES algorithm considers the following two time periods:

- **Recent**: Data consist of the most recent 1.5 to 2.5 years and at least two data points
- **Long-term**: Data consist of at least 4.5 to 6 years and at least four data points

If necessary, time periods are extended to obtain the required minimum number of data points.

B-1-2.1. Analyzing Trend, Variability, and Magnitude

The basic principle of CES states: The greater the rate of change (whether up or down), the greater the potential need for more frequent sampling. Where little change is observed, less frequent sampling is warranted. Conversely, the greater the variability in concentrations, the greater the potential need for more frequent sampling.

Trends are obtained by calculating a linear regression of concentration as a function of time. The slope of the regression line represents an average rate of concentration change per year. The magnitude of the concentration affects whether a given rate of change is environmentally significant. For example, a yearly change of 50 micrograms per liter (µg/L) is more significant for a well in which concentrations are approximately 100 µg/L compared to a well in which concentrations are approximately 1,000 µg/L. In a well with a concentration of 100 µg/L, a rate of change of 50 µg/L per year would be considered large whereas the same rate of change would be considered small for a 1,000 µg/L well. Therefore, trends are categorized as high, medium-high, medium-low, or low, depending on both the slope and their concentration range (as indicated by the median concentration), as shown in Table B-1.

Table B-1. Trend categories as a function of regression slope and median concentration.

Concentration	Low	Medium-low	Medium-high	High
<100	<5	5-10	10-30	>30
<300	<15	15-30	40-90	>90
>300	<50	50-100	100-300	>300

Variability is evaluated by an index of relative variability defined as the concentration range divided by the median concentration. For example, data with a range of 50 µg/L at a median of 5,000 µg/L are considerably less variable than data with a range of 50 µg/L at a median of 100 µg/L. "High" variability is defined as a variability index greater than 1, and "low" variability is defined as a variability index less than or equal to 1.

Finally, trend and variability are considered together to determine an initial sampling frequency recommendation, as shown in Table B-2.

Table B-2. Trend and variability determine a sampling frequency.

Trend category	Variability index	Sampling frequency
High	Any	Quarterly
Medium-high	High (>1)	Quarterly
Medium-high	Low (<1)	Semi-annual
Medium-low	High (>1)	Semi-annual
Medium-low	Low (<1)	Annual
Low	Any	Annual

B-1-2.2. Determining a CES Raw Recommendation

The CES recommendation for an individual COC at a single location is determined in four steps:

1. Step 1 applies the trend and variability evaluation of Section 2.1 to recent data to obtain an initial sampling frequency of quarterly, semi-annual, or annual. The resulting frequency is called the "Step 1 frequency."
2. Step 2 applies the trend and variability evaluation of Section 2.1 to long-term data and compares these results with the results of Step 1 as follows:
    - If the Step 1 frequency is semi-annual or annual, it is used for the CES raw recommendation.

- If the recent trend is greater than the overall trend (i.e., in absolute value), the Step 1 frequency is used for the CES raw recommendation.
- If recent and long-term trends are in the same category, the Step 1 frequency is used for the CES raw recommendation.

Otherwise, the recent and long-term trends are compared using the absolute value of the ratio of the recent slope to the long-term slope:

- If the ratio is ≥ 0.25, the sampling frequency based on the long-term data is used for the CES raw recommendation.
- If the ratio is < 0.25 and the median recent concentration is <10 µg/L, the Step 1 sampling frequency is used for the CES raw recommendation.
- If the ratio is < 0.25 but the median recent concentration is ≥ 10 µg/L, CES does not make a recommendation. Project personnel reviews the data and sets the frequency.

3. Step 3 reduces the sampling frequency for the low-risk compounds chloroform, Freon 11, and Freon 113.

   Not all compounds in the analytical target list are equally harmful to human health. For example, an average rate of change of 25 µg/L per year for TCE, which has a 5 µg/L maximum contaminant level (MCL), is more significant than the same trend for chloroform, Freon 11, or Freon 113, which have MCLs of 100, 150, and 1,200 µg/L, respectively. If the maximum concentration in the recent data is less than half of the MCL, the quarterly and semiannual sampling frequencies are reduced to semi-annual and annual, respectively.

4. Step 4 reduces the sampling frequency to biennial if the following conditions are met:

   - The results of Steps 1 through 3 are an annual frequency recommendation.
   - Average rates of change for both recent and long-term data sets are in the annual category.
   - There is no indication of an upward trend. The recent median concentration is less than the long-term median concentration plus 2.5 µg/L. Small fluctuations of slopes within the low annual category are expected, but there should be no indication of a larger upward trend.
   - The median recent concentration is low (i.e., less than 20 µg/L).

After all four steps have been completed for every analyte at a location, the CES raw recommendation is defined as the greatest sampling frequency among the individual COC recommendations for that location. If the algorithm was unable to determine a sampling frequency for any of the COCs, no CES raw recommendation is established for that location.

Finally, project personnel review the raw recommendations and are permitted to increase, but not decrease, the sampling frequency based on other, non-statistical considerations.

B-1-3. Applicability

Some locations are required to have sampling frequencies driven by regulatory or remedial needs regardless of their concentration history. For example, wells located downgradient of the leading edge of a plume can be designated as “guard” wells and remain on a quarterly sampling schedule regardless of the CES analyses. Sampling frequencies for groundwater extraction wells associated with treatment facilities always remain quarterly for use in mass removal estimates and are not included in the CES algorithm

analysis. Every quarter, the list of wells evaluated by the CES algorithm is reviewed and adjusted according to such considerations.

B-1-4. References

McConachie, William A. 1993. Letter to M. Gill of U.S. Environmental Protection Agency, B. Cook of the Department of Toxic Substances Control, and S. Ritchie of the Regional Water Quality Control Board from the LLNL Environmental Restoration Division, describing the sampling schedule for the LLNL Livermore Site monitor wells. Dated February 10, 1993.

Appendix B-2

Rule-Based Algorithms for Generating Groundwater Elevation and Isoconcentration Contour Maps

In 1997, the U.S. Department of Energy/Lawrence Livermore National Laboratory (DOE/LLNL) Environmental Restoration Department (ERD) developed the optimized environmental restoration analysis (OPERA), a process that assists hydrogeologists in developing a consistent set of groundwater elevation and isoconcentration maps that cover the entire history of the Livermore Site project.

Employed to streamline data compilation, OPERA consists of the following major components:

- Environmental database
- Site conceptual model, i.e., hydrostratigraphic unit (HSU) designations
- Site and project knowledge
- Computer programs that consist of algorithms and visualization packages

OPERA consists of a set of rule-based algorithms to utilize all site data and knowledge in an automated system to help generate representative maps and provide consistent interpolations over time. The process also includes steps to improve quality assurance and quality control and establish a feedback loop that continuously updates the database and site conceptual model. The rules for the algorithms have been developed incrementally and represent the collective experience of past and present Livermore Site hydrogeologists. In this sense, OPERA is also ERD's knowledge management tool for preserving and improving the site conceptual model through a maintained record of the interpreted subsurface data.

As described in Table B-2, OPERA has three primary steps.

Table B-2. Primary steps of the OPERA process.

Step	Descriptions
1. Hydrostratigraphic unit and hydraulic analysis (HSUHA)	A structural representation of the site conceptual model is developed using all information from site boreholes and wells. The HSU picks are determined using lithological, geophysical, soil chemistry, water level, and hydraulic test data, which are used to define the boundaries, extent, and thickness of each HSU. Distribution of hydraulic parameters within an HSU, isopachs for different lithological types, and well-specific parameters such as well losses also are determined in this step.
2. Groundwater elevation history analysis (GWELHA)	The groundwater elevation history of each well is reviewed, and, where there is less-than-adequate areal and temporal coverage, data are interpolated using rule-based algorithms. The well loss information is incorporated into the data set for extraction wells. The hydraulic test results are used to draw cones of depression around each extraction well that honors Darcy's Law of groundwater flow through porous media. The resulting groundwater elevation surfaces are used to define the extent of saturation when combined with the HSU information from Step 1.
3. Plume history analysis (PLUHA)	The concentration history of each VOC is reviewed, and, where there is less than adequate areal and temporal coverage, data are interpolated using conservative assumptions and a rule-based algorithm. Groundwater chemistry data are augmented with data from bailed groundwater and soil samples collected during drilling of a borehole. The extent of HSUs and extent of saturation information from Steps 1 and 2 are also incorporated into the data files to generate representative plume maps.

These steps are designed to be inherently conservative. For example, the highest observed concentration in a well that was sampled twice in a given quarter (e.g., duplicate samples) is always selected as the representative result. To prevent concentration fluctuations in a well over time from incorrectly influencing decision-making, a three-point moving average is used; as a result, the data set used to generate groundwater

elevation and isoconcentration maps does not always exactly match the value stored in the database for a given well, as shown in Attachment 2 of this report.

OPERA is run each quarter, and the groundwater elevation and isoconcentration maps for each HSU are updated. During this process, isoconcentration maps for individual volatile organic compounds (VOCs), total VOCs, and total VOCs above their respective cleanup standards are generated for each HSU. The final maps are always created and reviewed by a hydrogeologist. Maps generated using the OPERA process have been shown to be significantly more effective in visualizing remediation progress at the Livermore Site, given that the change in groundwater elevations and isoconcentration contours can be viewed as a time series, and temporal variations are minimized. The finalized maps are used in regulatory reports, presentations, remediation planning, evaluation of cleanup performance, numerical modeling input, and, most importantly, communications with stakeholders.

Appendix C

Enhanced Source Area Remediation (ESAR) Projects at the Livermore Site

Appendix C-1

TFD Helipad
Enhanced Source Area Remediation

Summary

The Livermore Site's Treatment Facility D (TFD) Helipad (HPD) *in situ* recirculation system was constructed and began operation in 2010. Several electron-donor injections occurred from 2011 to 2016, by which strongly reducing conditions were achieved within the circulation cell. Bioaugmentation took place in July 2016, followed by continuous injections of ethyl lactate.

Soil coring conducted in 2021 confirmed the presence of *Dehalobacter*, *Desulfuromonas*, *Geobacter*, and volatile fatty acids (VFAs) in the treatment zone. The circulation system was secured, and volatile organic compound (VOC) rebound monitoring began in 2022.

In 2025, minor VOC-concentration rebound occurred in two treatment zone wells; however, the simultaneous rise in daughter product concentrations demonstrates that biotic degradation of trichloroethene (TCE), the primary VOC in this area, is ongoing at these locations. Continued detections of TCE daughter products *cis*-1,2-dichloroethene (*cis*-1,2-DCE) and vinyl chloride suggest that reductive dechlorination is ongoing and, as indicated by geochemical monitoring, subsurface conditions remain conductive for this process. As a result, TCE concentrations in treatment zone wells have declined from a range of 27 to 2,000 micrograms per liter (µg/L) in 2010 to a range of less than the 0.5 µg/L reporting limit to 24 µg/L in 2025.

C-1-1. Introduction

The Treatment Facility D (TFD) Helipad (HPD) source area at the Livermore Site is located cross-gradient from a former east traffic circle landfill that operated from the mid-1950s until approximately 1970. Although sediment and debris in the former landfill were excavated in 1984, subsequent investigations confirmed that the subsurface in the vicinity of the former helipad is impacted by elevated volatile organic compound (VOC) concentrations, consisting primarily of trichloroethene (TCE).

Currently, depth-to-water is approximately 78 to 85 feet below ground surface (ft-bgs) and hydraulically influenced by long-term groundwater extraction in the area. The site's sedimentary sequence consists of alluvial fan deposits of primarily unconsolidated clay and silt with minor sand and gravel deposits. The source area extends from the unsaturated zone in hydrostratigraphic units (HSUs) 1B and 2 to the bottom of saturated HSU-3A/3B, at approximately 132 ft-bgs.

Source area remediation began in 1999 with groundwater extraction from wells W-1551 and W-1552. The U.S. Department of Energy (DOE)/Lawrence Livermore National Laboratory (LLNL) quickly determined that groundwater extraction alone would not be adequate to efficiently remediate this source area and began investigating innovative treatment technologies. In 2000, a series of wells, W-1650 through W-1657, were installed as part of a treatability test to evaluate the feasibility of electro-osmosis (EO) as a means of extracting groundwater containing VOCs from fine-grained sediments at TFD-HPD (McNab, Karachewski, and Weissmann 2001). Between October 2000 and February 2001, the EO system operated in combination with groundwater extraction from cathode wells W-1552, W-1651, and W-1654. After the EO treatability test was completed, these wells continued to operate as groundwater extraction wells, and groundwater was treated at the TFD-HPD treatment facility until 2004.

In 2004, the nine source-area wells completed in HSU-3A/3B were converted to dual extraction wells, and HSU-2 soil vapor extraction (SVE) wells W-HPA-002A and W-HPA-002B were connected to the VTFD-HPD soil vapor treatment facility. Until October 2007, both the groundwater and soil vapor treatment facilities were operated continuously to significantly reduce concentrations. Prior to remediation, TCE concentrations in the source area wells ranged between 3,000 and 10,000 micrograms per liter (µg/L). After eight years of pump-and-treat remediation, concentrations ranged from 25 to 750 µg/L.

However, because mass removal rates were declining and VOC concentrations remained above cleanup levels, DOE/LLNL selected the TFD-HPD source area for an *in situ* bioremediation treatability test. Specifically, a source area cleanup technology evaluation (SACTE) identified *in situ* bioremediation of moderate- to low-permeability sediments as one of several technologies that may accelerate cleanup of Livermore Site's source areas. This technology is also one of four currently being field-tested at the site under the DOE/LLNL enhanced source area remediation (ESAR) initiative.

Section 2 continues discussions of the treatability test's design, implementation, and operational history. Figure C-1-1 presents a map of the TFD-HPD treatability test site.

C-1-1.1 Objectives and Overview

In situ reductive dechlorination has been shown to be effective in higher-permeability sediments that allow for improved contact between the injected electron donor, microorganisms, and contaminants. However, lower-permeability sediments present a challenge to establishing the required interstitial contact conditions. As such, this treatability test aims to evaluate the efficacy of *in situ* bioremediation involving

the application of lactate and bioaugmentation using the dechlorinating microorganism consortium, KB-1® Plus. A recirculation system was selected to allow for flexibility in modifying and optimizing substrate loading rates, optimize the control of oxidation-reduction (redox) conditions, and promote sulfate-reducing and methanogenic conditions. The test also helps identify optimal design parameters for the technology's potential application at other LLNL source areas in the future.

Initial tracer test results indicated that HSU-3A/3B was sufficiently permeable to allow injection of a carbon source, such as sodium lactate or ethyl lactate. Concurrently, a laboratory microcosm study determined that bioaugmentation would be necessary at this site given that the necessary dechlorinating microorganisms were not present in the subsurface. Section C-3 continues this discussion.

C-1-2. Design and Implementation

In 2007, DOE/LLNL conducted a tracer test using Hetch-Hetchy reservoir water and a laboratory microcosm study to support the design of TFD-HPD's *in situ* bioremediation system. Under non-pumping conditions, Hetch-Hetchy reservoir water was used as a tracer for isotopic and electrical conductivity signatures distinct from the native groundwater. Meanwhile, the microcosm study was designed to evaluate bioremediation as means to transform TCE and carbon tetrachloride in TFD-HPD sediments to less hazardous or non-hazardous end products and to assess the effectiveness of different electron donors (e.g., sodium lactate, ethanol, emulsified soybean oil) in promoting dechlorination.

The laboratory microcosm study indicated that TCE, carbon tetrachloride, and chloroform are amenable to remediation via reductive dehalogenation if 1) a suitable electron donor is introduced into the subsurface and 2) the native soil microbial population is bioaugmented with dechlorinating microorganisms such as KB-1® Plus. Because TCE is dechlorinated faster to ethene in treatments amended with sodium lactate and KB-1® Plus, sodium lactate was chosen for field implementation. The initial required dosage of sodium lactate was calculated according to the stoichiometric electron-donor demand of the chemicals of concern and competing native electron acceptors (e.g., dissolved oxygen [DO], nitrate, sulfate, bicarbonate). Subsequent loading rates throughout this treatability test were adjusted using analytical data (e.g., DO, oxidation-reduction potential [ORP], pH, nitrate and sulfate concentrations) collected from the treatment zone wells.

In November 2010, DOE/LLNL began operating TFD-HPD's *in situ* bioremediation system, ISB01, which consists of four extraction wells, W-1650, W-1653, W-1655, and W-1657, and one injection well, W-1552. Five main performance monitor wells, W-1651, W-1652, W-1654, W-1656, and W-2304, as well as downgradient and cross-gradient monitor wells are completed in the HSU-3A/3B *in situ* bioremediation zone. In addition, several HSU-4 wells in the area monitor deeper intervals for potential vertical migration.

In February 2011, a tracer test was performed under pumping conditions to evaluate groundwater-circulation patterns, with fluorescein dye tracer being added into injection well W-1552 while the circulation cell was operating. The extraction and injection well pattern is designed to create a circulation cell that is vertically contained within HSU-3A/3B and horizontally contained within the TFD-HPD source area. In August 2012, the extraction pattern was modified from a four-well to two-well extraction system to minimize biofouling and increase the amount of sodium lactate circulation in a portion of the treatability zone where most of the hydraulic circulation was occurring. Groundwater was extracted in a cyclic mode from W-1650 and W-1653 and injected into the central well W-1552. Ceased pumping at W-1655 and W-1657 did not negatively impact the total facility flow rate or hydraulic circulation in the subsurface.

From 2011 to 2013, 4 percent by volume (%v) sodium lactate was injected into W-1552. The sodium-lactate dose and injection rate were limited due to the product's viscosity and biofouling, which reduced hydraulic conductivity near W-1552. Today, argon gas is injected monthly into the extraction and monitoring wells' well heads and into W-1552 to minimize biofouling and displace oxygen in ISB01 wells.

In May 2013, DOE/LLNL proposed a change from sodium lactate to ethyl lactate, a less viscous and more effective carbon source. Following regulatory approval, 10%v ethyl-lactate injections began in August 2013. Between then and September 2014, more than 60 gallons (gal) of 10%v ethyl lactate were injected into the circulation system using a dilute solution. In late 2014, the injection procedure was modified, and 55 gal of pure 100%v ethyl lactate were injected into W-1552 and W-1652 in September and November 2014.

In 2015, the injection procedure was modified once again according to field-parameter data (e.g., DO, pH, temperature, specific conductivity, ORP) collected on a bi-weekly basis. A total of 10 gal of 100%v ethyl lactate was injected into W-1552 and W-1652 across 16 separate events. The timing of the injection events was set to maintain a pH level of 5 or above in W-1652, and an injection frequency of approximately every two weeks was maintained when the facility was operational.

In 2016, eight ethyl lactate injections were performed following this procedure. By July 2016, anaerobic conditions in portions of the treatment zone were sufficient to perform bioaugmentation. On July 28, 2016, approximately 10 gal (i.e., 40 liters) of KB-1® Plus, the dechlorinating microorganism consortium produced by SiREM, was injected into W-1552. KB-1® Plus contains several bacterial isolates, such as *Dehalobacter*, *Desulfuromonas,* and *Geobacter*, that can transform TCE to *cis*-1,2-dichloroethene (*cis*-1,2-DCE); however, only some *Dehalococcoides mccartyi* members can gain energy through dechlorination of *cis*-1,2-DCE to vinyl chloride and vinyl chloride to ethene. In addition to degrading chlorinated ethenes, KB-1® Plus can dechlorinate the chlorinated methane compounds carbon tetrachloride and chloroform to dichloromethane and non-chlorinated end products. After bioaugmentation with KB-1® Plus, the carbon-substrate delivery method was modified to continuously inject a 5%v ethyl-lactate solution into W-1552 using a dosing pump.

Between November 2016 and May 2017, operational difficulties with the dosing pump demanded continuous injections of a 1%v ethyl-lactate solution instead of the 5%v solution into well W-1552. Once these issues were resolved in May 2017, the 5%v ethyl-lactate solution was once again continuously injected into W-1552, except during offline periods of maintenance and winter freeze protection.

In 2018, ethyl lactate was continuously injected into W-1552. On May 4, 2018, the concentration of the injected ethyl-lactate solution was increased from 5%v to 10%v to establish stronger reducing conditions. On September 25, 2018, extraction well W-1653 was shut in, and extraction well W-1655 was restarted to assess subsurface hydraulics and distribute ethyl lactate to potentially stagnant zones. ISB01 operated in this configuration through November 2020.

In response to COVID-19 shelter-in-place orders, ISB01 was secured from mid-March to mid-August 2020, when groundwater extraction from W-1650 and W-1655 and injections of a 10%v ethyl-lactate solution into W-1552 resumed. In early December 2020, extraction from W-1653 was activated to distribute ethyl lactate and fermentation byproducts toward performance monitor borehole B-3704, which was drilled on January 28, 2021, to help evaluate the success of *in situ* bioremediation in promoting the dechlorination of VOCs in moderate- to low-permeability saturated sediments.

To assess whether reductive dechlorination is occurring within the lower- or higher-permeability zones of the circulation cell, representative samples from finer-grained, lower-permeability sediment types (e.g., silts and clays); higher-permeability sediment types (e.g., sands or gravels); and interfaces between these sediment types were collected from B-3704's core for chemical and biological analyses. A total of 24 soil samples were collected between 91.2 and 112.9 ft-bgs and analyzed for VOCs. Of these soil samples, 15 samples collected between depths of 96.0 and 112.9 ft-bgs were analyzed at SiREM for quantification of key dechlorinating microorganisms *Dehalococcoides mccartyi*, *Dehalobacter*, *Desulfuromonas*, and *Geobacter* and their respective functional genes *tceA*, *vcrA*, and *bvcA* using Gene-Trac quantitative polymerase chain reaction (qPCR). These samples were also analyzed for volatile fatty acids (VFAs), including lactate, acetate, propionate, formate, butyrate, and pyruvate, to evaluate the distribution of the electron donor in lower- or higher-permeability zone sediments.

ISB01 operated with extraction from W-1650, W-1653, and W-1655 from early December 2020 through March 2021. In April 2021, W-1653 was again secured while extraction from W-1650 and W-1655 continued to distribute ethyl lactate at a 10%v solution toward these wells. However, in December 2021, approximately 100 gal of 100%v ethyl lactate was injected into W-1552 due to failure of the dosing pump. Active ethyl lactate injection was subsequently secured while the circulation system continued to distribute ethyl lactate with groundwater extraction from W-1650 and W-1655 until February 2022, when groundwater extraction was secured.

By 2021, TCE concentrations were either below the 0.5 µg/L reporting limit or 5 µg/L cleanup standard in five of the seven treatment zone wells, W-1652, W-1653, W-1654, W-1655, and W-2304. Therefore, in April 2022, recirculation and biostimulation were halted completely to evaluate VOC rebound within the treatment cell. While the timeframe for rebound assessment is a site-specific determination, performance-monitoring data from over 100 sites suggests that contaminant concentrations typically undergo little change beyond the first three years of long-term monitoring. Therefore, three years of monitoring data after halting the remedy is likely sufficient to demonstrate efficacy (Kucharzyk and Rosansky 2018).

TCE rebound of concentrations in the treatment zone at the TFD-HPD source area depends on whether a residual source of contaminant mass remains in low-permeability sediments within the source area sediments or upgradient of the recirculation cell. If a significant rebound of TCE is observed in the treatment zone wells, source area extraction wells could be connected to the TFD-HPD treatment facility to treat the extracted groundwater. Alternatively, biostimulation with alternate electron donors, such as slow-release substrates (e.g., emulsified soybean oil) or other soluble but quick-release electron donors (e.g., glycerin, ethanol), can be considered and tested for comparison against ethyl lactate.

Today, groundwater samples and field parameter measurements are taken in all the wells to continue evaluating the performance of the *in situ* bioremediation system and the potential for TCE concentration rebound. Geochemical conditions prevailing in the treatment zone are assessed by analyzing parameters such as DO, ORP, nitrate, sulfate, and methane. Highly anaerobic conditions are required to reduce chlorinated solvents, with DO concentrations below 0.5 milligrams per liter (mg/L), ORP below -100 or -200 millivolts, sulfate reduced by more than 50% relative to background conditions, and methane greater than 0.5 mg/L (Henry 2010; Wiedemeier et al. 1999). Additionally, on June 14, 2018, Gene-Trac® samples, were collected from W-1652, W-1653, W-1655, and W-1656 to identify the presence of *Dehalococcoides mccartyi*, one of the microorganisms in the KB-1® consortium. Samples for VFAs were also collected from

the same four wells, and, on March 23, 2021, groundwater samples collected from W-1650, W-1651, W-1652, W-1653, W-1654, W-1655, W-1656, and W-2304 were again analyzed for VFAs.

C-1-3. Results and Discussion

Conductivity data collected during the Hetch-Hetchy water tracer test under non-pumping conditions indicated that the tracer arrived at the closest monitor wells after two to three days of injection. The majority of monitor wells responded within seven days of tracer injection. The tracer test indicated that amendment injections into well W-1552 would result in adequate coverage of the TFD-HPD wellfield.

The fluorescein tracer test, which was conducted while the circulation cell was operating, revealed a tracer-dye detection within one day of injection into monitor wells W-1651 and W-1656 and within four to seven days in the remaining extraction and monitor wells W-1650, W-1652, W-1653, W-1654, W-1655, and W-1657. High concentrations of tracer dye rapidly arrived in extraction wells W-1650 and W-1653 and in monitor well W-1652, illustrating the existence of a lower-permeability sequence that envelopes discrete, high-permeability preferential flow pathways within the circulation cell.

C-1-3.1 Geochemical Performance Monitoring

Since the start of the treatability test in 2010 through 2014, average DO levels in the circulation cell were reduced from 2.2 to 0.5 parts per million (ppm). The ORP remains dependent on the continual injection of the carbon source and was reduced from +200 to -150 millivolts by the end of 2014. Although these parameters were indicative of anaerobic subsurface conditions in portions of the treatment zone, average nitrate and sulfate concentrations remained at approximately 60 and 100 mg/L, respectively, until 2015. That is, injection of approximately 110 gal of 100%v ethyl lactate in late 2014 altered the subsurface geochemistry, causing a strong reduction in nitrate and sulfate concentrations in several wells by 2015.

DO and ORP indicated that the system was more amenable to the addition of ethyl lactate as opposed to that of sodium lactate, given that the former caused less biofouling and could be injected at higher concentrations at a lower viscosity. Furthermore, after the transition to ethyl lactate, more reducing conditions and decreasing TCE concentrations were observed alongside increases in *cis*-1,2-DCE at wells W-1653, W-1654, and W-1656. The detection of elevated vinyl-chloride concentrations beginning in 2019 and 2020 confirmed that reductive dechlorination of TCE and *cis*-1,2-DCE was achieved in portions of the treatment zone.

In 2016, treatability test results indicated that anaerobic subsurface conditions favorable to the introduction of KB-1®-Plus were achieved in the vicinity of W-1552, W-1652[1], W-1653, W-1654, and W-2304. On July 28, 2016, *in situ* bioaugmentation was performed using injection well W-1552, after which DOE/LLNL modified the carbon-substrate delivery method to continuously inject a 5%v ethyl-lactate solution into the well via a dosing pump.

Analytical results and field parameter measurements obtained since 2016 indicate that bioaugmentation changed the subsurface biogeochemical conditions in the treatment zone to strongly reducing conditions. Nitrate concentrations have remained below the laboratory reporting limit and sulfate concentrations

[1] Although reducing conditions were also achieved in well W 1652, concentrated 100%v ethyl-lactate injections into this well in 2015 and 2016 lowered pH conditions to below optimal levels achieved in the other wells.

decreased from an average of approximately 70 mg/L in January 2016 to below the 5 mg/L reporting limit in October 2021 in W-1652, W-1653, W-1654, W-1655, and W-2304. Figures C-1-2 through C-1-6 show theses results for each well, respectively.

Even after active electron-donor additions ceased in December 2021, nitrate concentrations remained non-detect in groundwater samples collected from these wells in 2025. Sulfate concentrations also remained non-detect in W-1653, W-1654, and W-2304, indicating subsurface conditions are still conducive for reductive dechlorination. Sulfate in W-1655 showed an increasing trend that began in 2022 and continued into 2024 before declining to 40 mg/L in 2025. W-1651 also displayed increased sulfate concentrations in 2023, which remained stable in 2025.

After the concentration of the ethyl-lactate solution was increased from 5%v to 10%v in May 2018, nitrate-reducing conditions were observed in extraction well W-1650 and monitor wells W-1651 and W-1656, as depicted in Figures C-1-7, C-1-8, and C-1-9, respectively. Rebound monitoring in 2025 confirmed sustained nitrate-reducing concentrations in W-1650 and W-1656 while nitrate concentrations remain elevated at 24 mg/L in W-1651. Sulfate concentrations in W-1650 and W-1656 have also decreased significantly since 2018 but have not reached complete depletion in 2025.

Although W-1657 is considered to fall outside the area of groundwater circulation, nitrate concentrations decreased immediately after the concentration of the ethyl-lactate injection increased in 2018. As depicted in Figure C-1-10, nitrate concentrations reached a low of 11 mg/L in September 2020 while sulfate concentrations remained stable at approximately 60 mg/L. Even after groundwater recirculation ceased in April 2022, sulfate concentrations remained relatively unchanged while nitrate concentrations initially declined to 4.0 mg/L in 2023, rebounded to 22 mg/L in 2024, and then declined once more to 12 mg/L in August 2025. In 2025, sulfate concentrations declined to 41 mg/L, reflecting a continued gradual decrease that began in 2017.

The most recent (i.e., January 2023) methane concentrations ranging between 1,600 and 16,000 µg/L in W-1650, W-1651, W-1652, W-1653, W-1654, W-1655, W-1656, and W-2304 indicate that fermentation is occurring in a highly anaerobic environment and that reducing conditions are appropriate for anaerobic VOC degradation in most areas of the circulation cell.

C-1-3.2 VOC Performance Monitoring

Prior to the bioaugmentation event in July 2016, decreasing TCE and increasing *cis*-1,2-DCE concentration trends appeared to have been stalled at wells W-1653, W-1654, and W-1655. However, as depicted in Figures C-1-11, C-1-12, and C-1-13, respectively, these trends resumed after July 2016. As shown in Figure C-1-14, TCE and *cis*-1,2-DCE concentrations in well W-1656 also began showing these trends following bioaugmentation.

In 2019, vinyl chloride was detected for the first time at concentrations ranging from 0.71 to 17 µg/L in groundwater in W-1653, W-1654, and W-1656 as well as in extraction well W-1655 and monitor well W-2304, the results of which are depicted in Figures C-1-13 and C-1-15, respectively. The presence of vinyl chloride confirmed that reductive dechlorination of TCE was achieved, likely by distributing ethyl lactate to stagnant zones through securing W-1653 and resuming operation in W-1655 in September 2018. Although the Gene-Trac® samples collected from W-1652, W-1653, W-1655, and W-1656 in June 2018 did not indicate the presence of *Dehalococcoides mccartyi* at these locations, the detection of vinyl chloride

indicates that these organisms are active in the subsurface, given that only some strains of *Dehalococcoides mccartyi* can completely detoxify TCE and produce vinyl chloride.

In 2020, the increasing trend in vinyl chloride detections continued, with concentrations ranging from 0.67 to 14 µg/L in W-1653, W-1654, W-1655, W-1656, and W-2304. Additionally in 2020, vinyl chloride concentrations were observed for the first time in monitor wells W-1650, W-1651, and W-1652, the results of which are depicted in Figures C-1-16, C-1-17, and C-1-18, respectively; these concentrations indicate that reductive dechlorination was occurring throughout the treatability test area. VOC rebound monitoring in 2025 demonstrated that complete TCE dechlorination continues, as indicated by vinyl-chloride detections ranging between 0.56 and 58 µg/L in all treatment zone wells.

By 2019, TCE concentrations had declined to below the 5 µg/L maximum contaminant level (MCL) in the majority of the treatment zone wells. As of 2021, complete removal of TCE (i.e., less than 0.5 µg/L) was achieved in W-1652, W-1654, W-1655, and W-2304 while very low concentrations of 0.82 and 7.5 µg/L were detected in W-1653 and W-1656, respectively. Although rebound monitoring from 2022 through 2025 showed minor TCE concentration increases in some of these wells, levels have remained below the 5 µg/L MCL as of October 2025, except at W-1652.

TCE concentrations in W-1656 declined steadily from 6.2 µg/L in April 2022 (after circulation ceased) to 2.1 µg/L in October 2025. Concentrations in W-1650 also declined significantly from 62 µg/L in January 2022 to 6.8 µg/L in October 2025 where, prior to electron-donor injections, 160 µg/L of TCE were detected in January 2011.

In 2025, a slight TCE rebound was observed in two treatment zone wells, W-1650 and W-1652. At W-1650, TCE concentrations rose from 4.5 µg/L in August 2025 to 6.8 µg/L in October 2025. Prior to electron-donor injections, in January 2011, 160 µg/L of TCE were detected in W-1650. In W-1652, TCE concentrations rose from below the 0.5 µg/L reporting limit in October 2024 to 24 µg/L in October 2025. Concentrations of *cis*-1,2-DCE and vinyl chloride rose concurrently, with *cis*-1,2-DCE reaching 24 µg/L in August 2025 and vinyl chloride reaching a historical maximum within the treatment zone at 58 µg/L in August 2025. These data indicate that biotic reduction is ongoing at W-1652, with higher concentrations of TCE arriving at the well.

Outside of the groundwater-circulation area, TCE concentrations in W-1651 and W-1657 remained relatively stable throughout the treatability test at 36 and 790 µg/L, respectively, in October and December 2025. These results are reflected in Figures C-1-17 and C-1-19, respectively.

Although ethene, the final degradation product of the TCE-to-*cis*-1,2-DCE-to-vinyl-chloride reductive dechlorination, has not been detected above its 5 µg/L laboratory reporting limit in any of the treatment zone wells, TCE degradation byproduct stoichiometry indicates that complete reductive dechlorination is likely occurring within the circulation cell. If produced, ethene is subject to rapid biodegradation, and, based on stoichiometry, the highest vinyl-chloride concentration observed in the treatment zone (58 µg/L in August 2025) would produce approximately 26 µg/L of ethene. Although ethene was not routinely monitored during this interval, ethene monitoring is planned for 2026 based on these vinyl chloride results.

The substantial decrease in total VOC concentrations in treatment zone wells is an important indicator that complete reductive dechlorination is occurring. By October 2021, dissolved VOC concentrations were reduced by 96% to 98% within W-1652, W-1653, W-1654, and W-2304, compared to baseline

concentrations reported between January and April 2011, before ethyl lactate injections began in May 2011. A substantial dissolved-VOC mass reduction of 82% and 90% was also achieved in W-1655 and W-1656, respectively, reaching the lowest TCE and *cis*-1,2-DCE values ever recorded for all treatment zone wells.

In W-1650, the TCE, *cis*-1,2-DCE, and vinyl chloride mass was reduced by 55% by October 2021 when compared to concentrations measured in 2011. Rebound monitoring from 2022 through 2025 showed that this reduction continued after groundwater circulation ceased, as indicated by the increasing concentration trends of *cis*-1,2-DCE and vinyl chloride depicted in Figure C-1-16. By October 2025, total VOC concentrations in W-1650 were reduced by 77% compared to pre-biostimulation conditions in 2011. Similarly, total VOC concentrations in W-1653, W-1654, and W-2304 did not rebound from 2022 through 2025; instead, concentrations decreased further, reaching reductions of 96% to 99% in these wells.

Finally, low concentrations of the chlorinated methanes carbon tetrachloride (i.e., tetrachloromethane) and chloroform (i.e., trichloromethane) were consistently present in treatment cell groundwater prior to the implementation of this *in situ* bioremediation treatability test. Baseline carbon tetrachloride concentrations observed between January and April 2011 in the ISB01 extraction and monitor wells ranged between 0.9 to 10.0 µg/L while chloroform concentrations ranged between 1.4 and 3.1 µg/L. However, ISB01 performance-monitoring results showed that, by November 2019, carbon tetrachloride and chloroform concentrations declined to below their 0.5 µg/L reporting limits in all circulation zone wells, with the exception of W-1657, located outside the area of groundwater circulation. Low carbon tetrachloride and chloroform concentrations of 2.6 and 6.8 µg/L, respectively, were detected in W-1657 in December 2025.

C-1-3.3 Performance Monitor Borehole B-3704

In January 2021, performance monitor borehole B-3704 was drilled and sampled. Soil cores were visually inspected to evaluate lithology, and samples were collected between the depths of 91.2 and 112.9 ft-bgs for VOC analysis. A subset of these soil samples taken between 96.0 and 112.9 ft-bgs was also analyzed for 1) VFAs to evaluate if the electron donor was successfully distributed in the lower- or higher-permeability zone sediments and 2) key dechlorinating microorganisms *Dehalococcoides mccartyi*, *Dehalobacter*, *Desulfuromonas*, and *Geobacter* and their respective functional genes *tceA*, *vcrA*, and *bvcA* to assess their distribution within these sediments.

Analytical results showed that VOCs were not detected in all 24 soil core samples collected between 91.2 and 112.9 ft-bgs. *Dehalococcoides mccartyi* and *tceA*, *vcrA*, and *bvcA* were not detected above laboratory reporting limits in any of the core samples collected between 96.0 and 112.9 ft-bgs while *Dehalobacter, Desulfuromonas,* and *Geobacter* were detected in these soil samples at various depths. *Dehalobacter* was detected in medium-permeability sandy soil collected from 112.7 ft-bgs while *Desulfuromonas* was detected at the interface of medium-permeability sand and low-permeability silt to sandy silt collected at 112.9 ft-bgs. *Geobacter* was detected between 101.0 and 102.0 ft-bgs within high-permeability sandy gravel and at the interface of high-permeability sandy gravel and low-permeability silt. *Geobacter* was also detected between 112.0 and 112.9 ft-bgs within medium-permeability sand and at the interface of medium-permeability sand and low-permeability silt to sandy silt.

VFAs were non-detect in soil between 96.0 and 100.4 ft-bgs. Sufficient VFAs to sustain reductive dechlorination were present in soil between 101.0 to 102.0 ft-bgs within high-permeability sandy gravel and at the interface of high-permeability sandy gravel and low-permeability silt. High levels of VFAs,

mainly acetate, propionate, and butyrate were present between 112.0 and 112.9 ft-bgs within medium-permeability sand and at the interface of medium-permeability sand and low-permeability silt to sandy silt.

Results further indicate that the electron donor distribution was not limited to the more transmissive zones; rather, significant concentrations of total VFA diffused from the high-permeability sandy gravel interbed present between 100.3 and 101.8 ft-bgs into the less permeable silt to sandy silt present at 102.0 ft-bgs. Similarly, VFA diffused from the medium-permeability sand present between 111.5 and 112.7 ft-bgs into the low-permeability silt to sandy silt present at 112.9 ft-bgs. Higher *Geobacter* cell counts were also associated with the low permeability zone at 112.9 ft-bgs, suggesting that *in situ* bioremediation may be well suited to treat less permeable zones, given the ability for the electron donor and dechlorinating microorganisms to diffuse at least 0.2 feet or approximately 2.5 inches into these regions.

Additional details regarding these findings are provided in the *Sixth Five-Year Review for the Lawrence Livermore National Laboratory Livermore Site* (Quamme et al. 2022).

C-1-4. References

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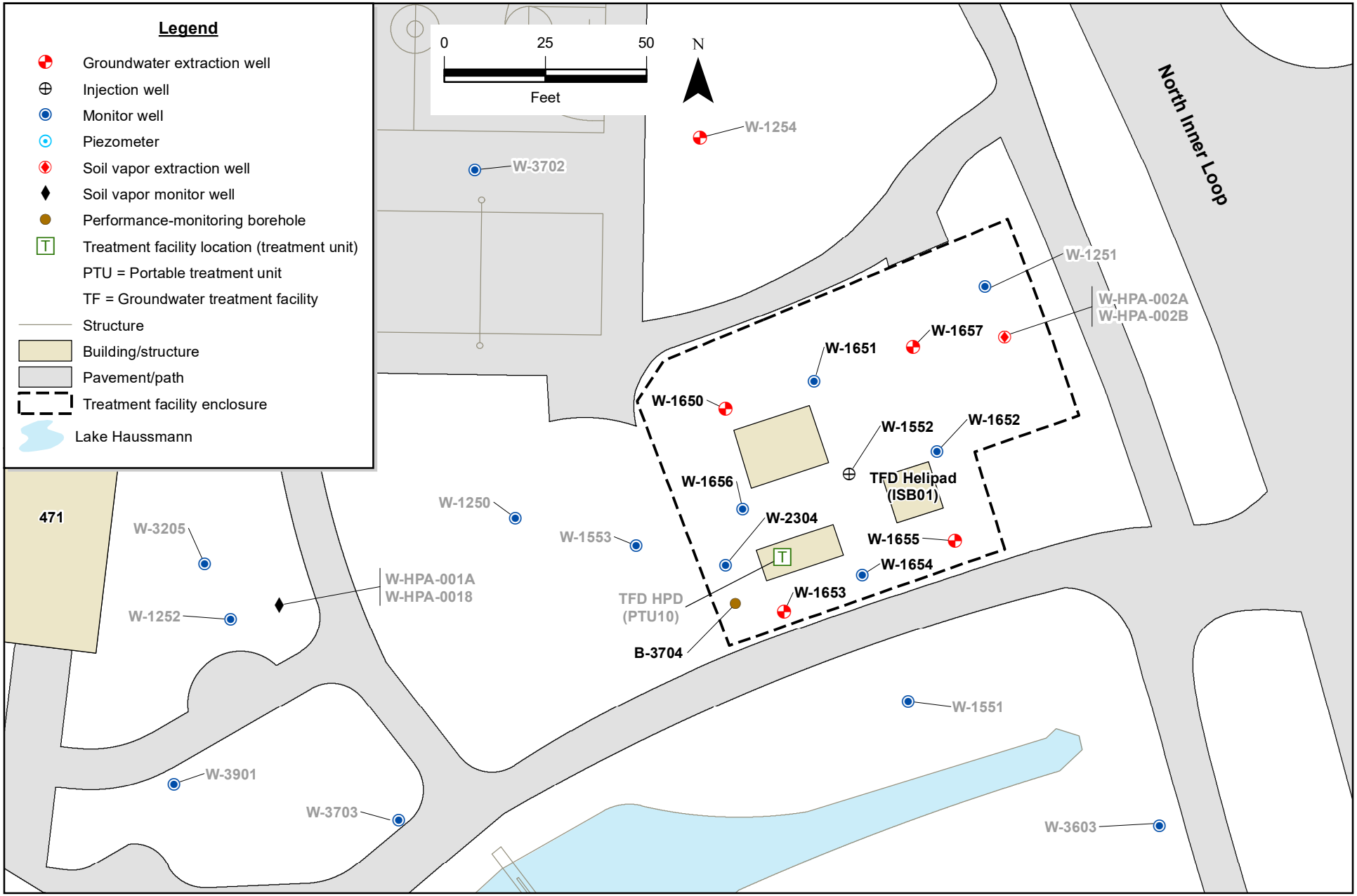

Figure C-1-1. Locations of wells, treatment facilities, and performance-monitoring borehole B-3704 in the *in situ* bioremediation treatability test area at the TFD Helipad.

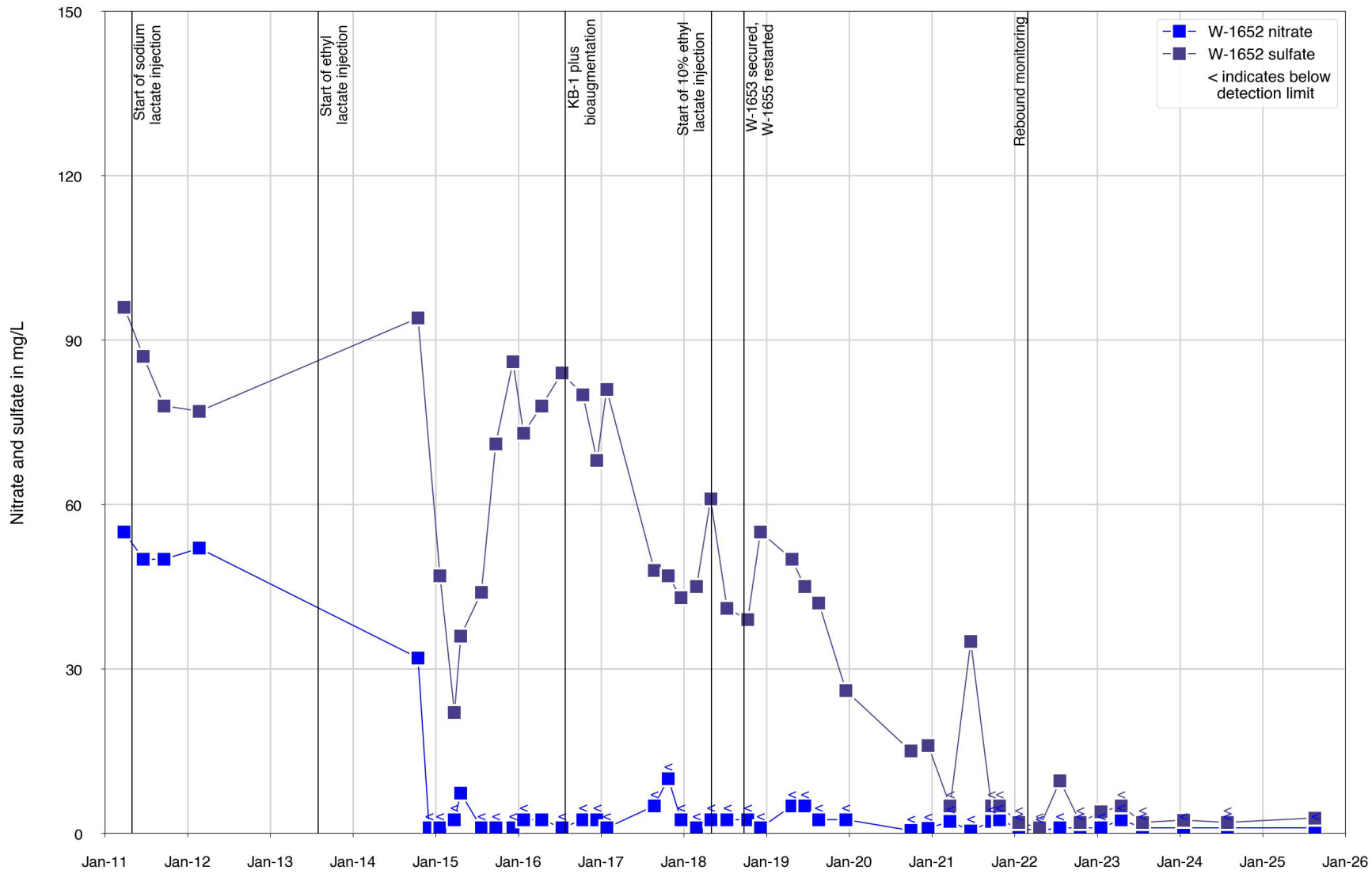

Figure C-1-2. Nitrate and sulfate concentration trends at TFD Helipad performance monitor well W-1652.

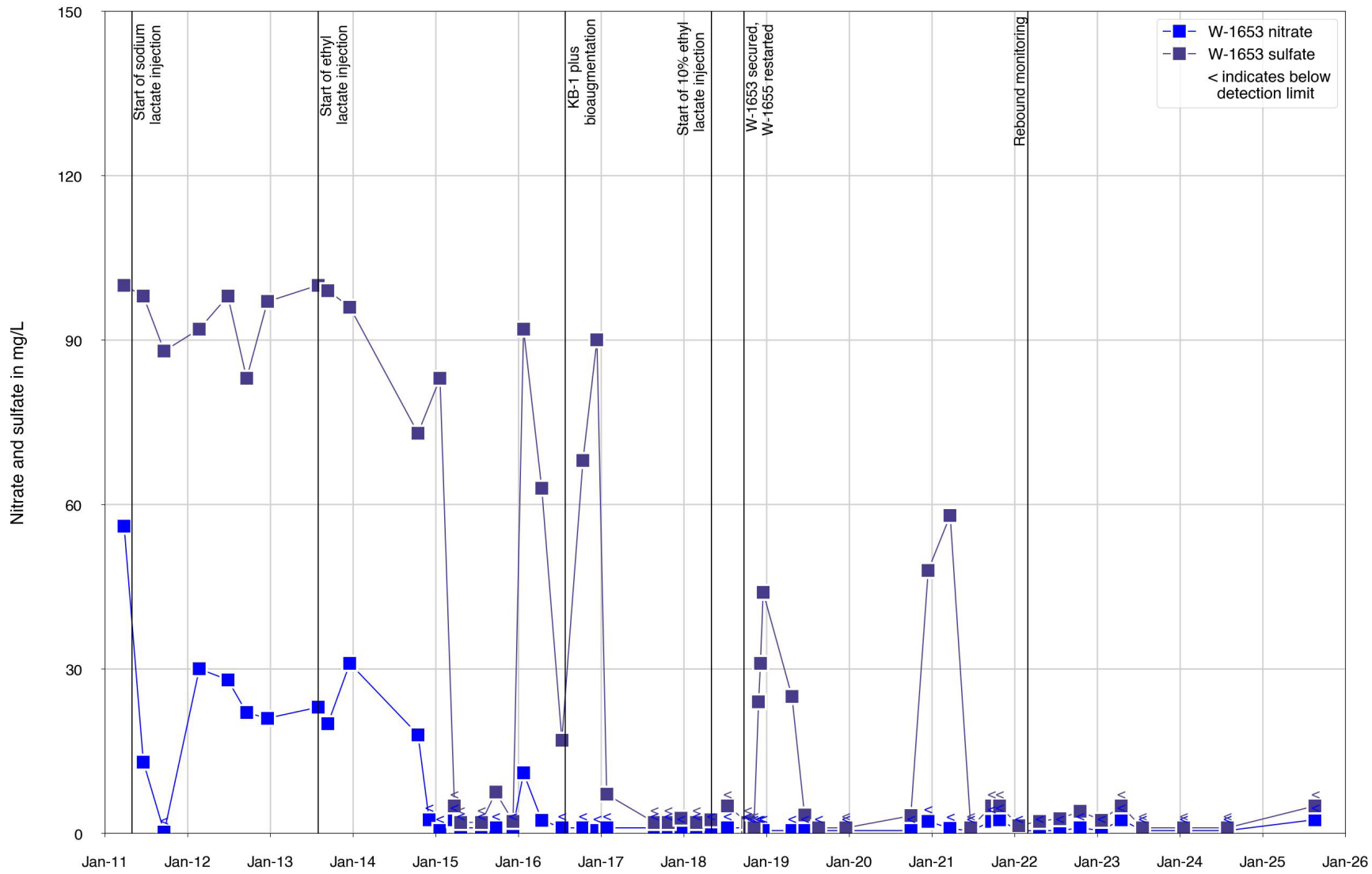

Figure C-1-3. Nitrate and sulfate concentration trends at TFD Helipad extraction well W-1653.

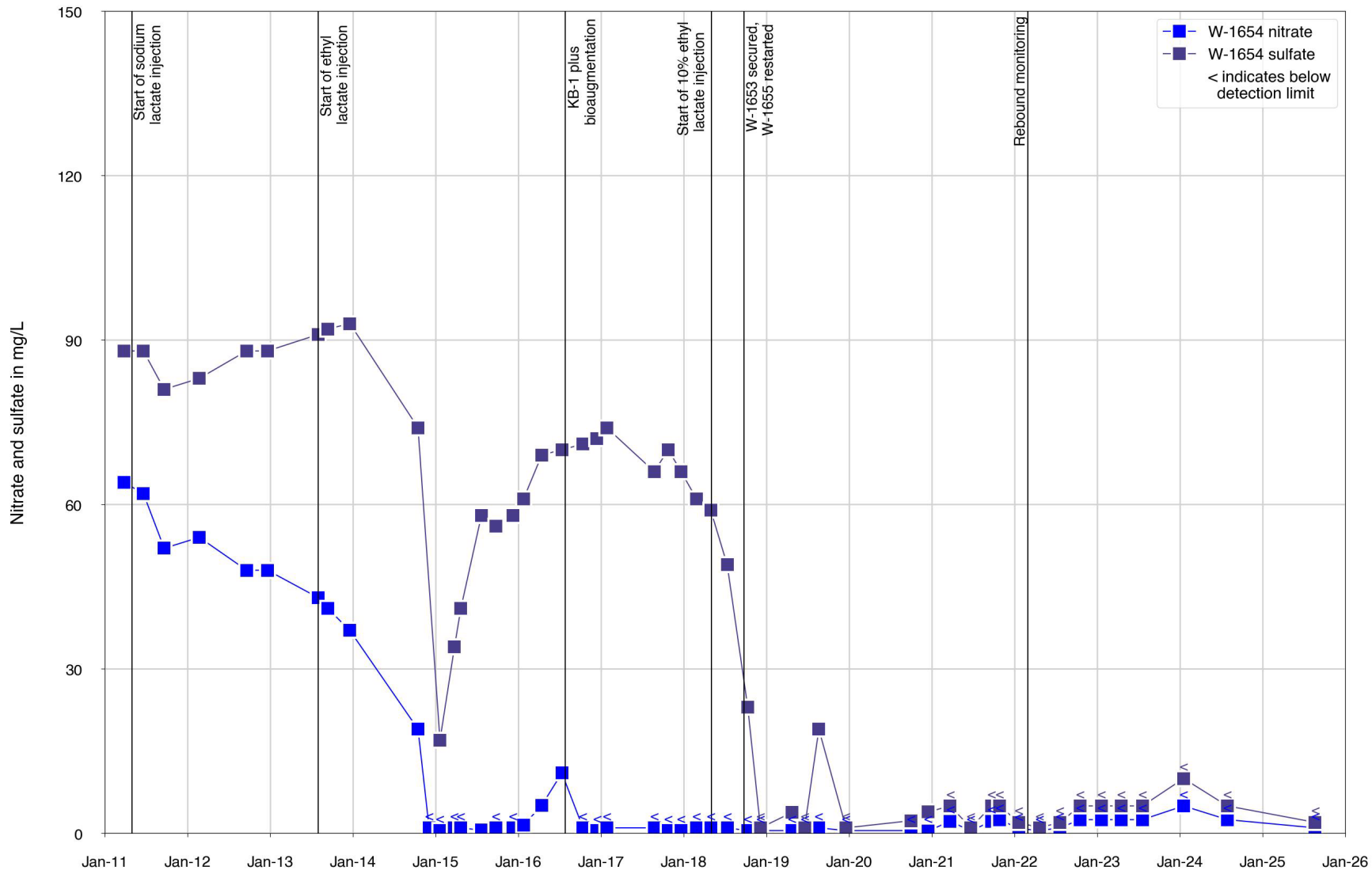

Figure C-1-4. Nitrate and sulfate concentration trends at TFD Helipad performance monitor well W-1654.

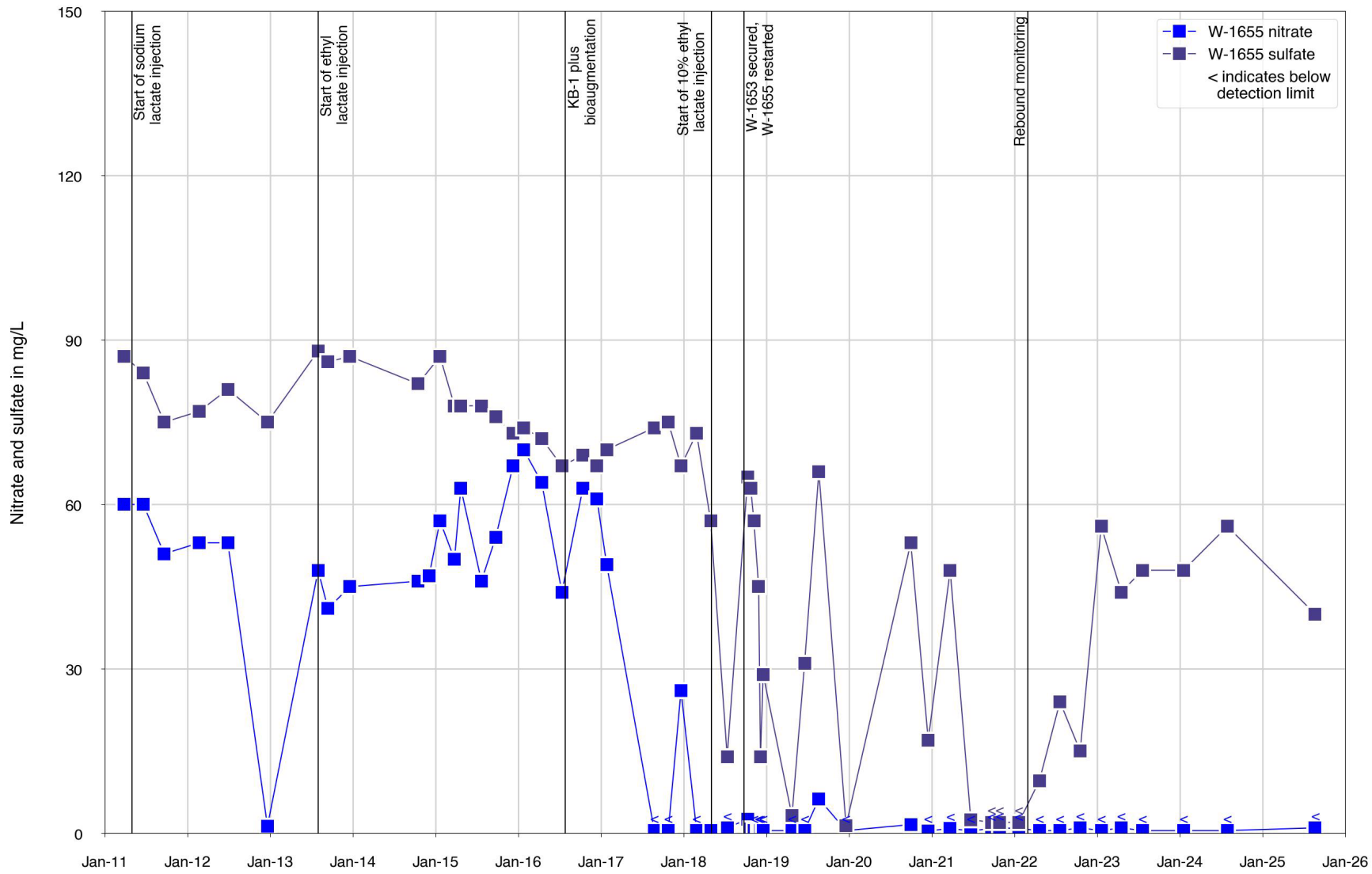

Figure C-1-5. Nitrate and sulfate concentration trends at TFD Helipad extraction well W-1655.

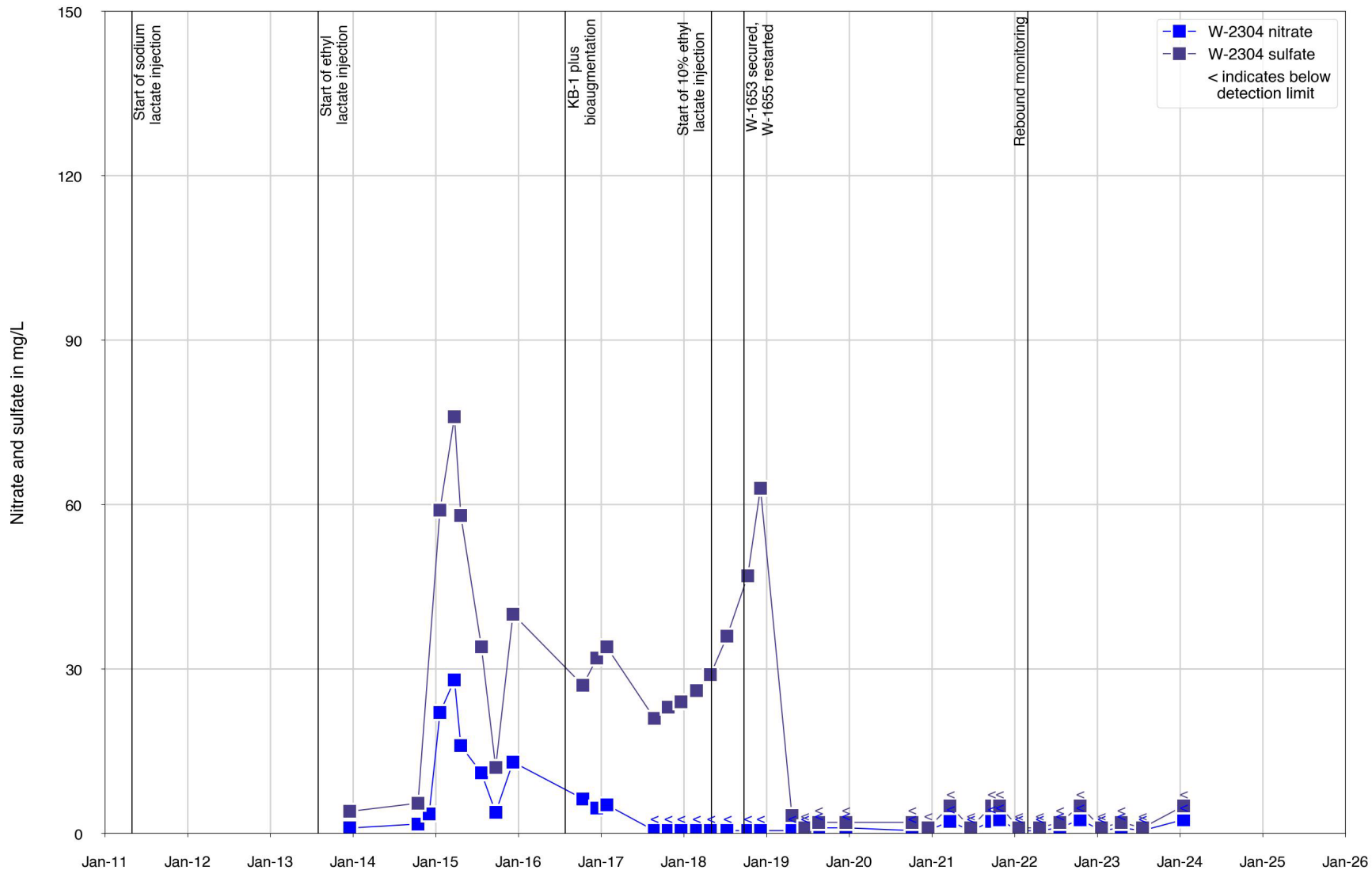

Figure C-1-6. Nitrate and sulfate concentration trends at TFD Helipad performance monitor well W-2304.

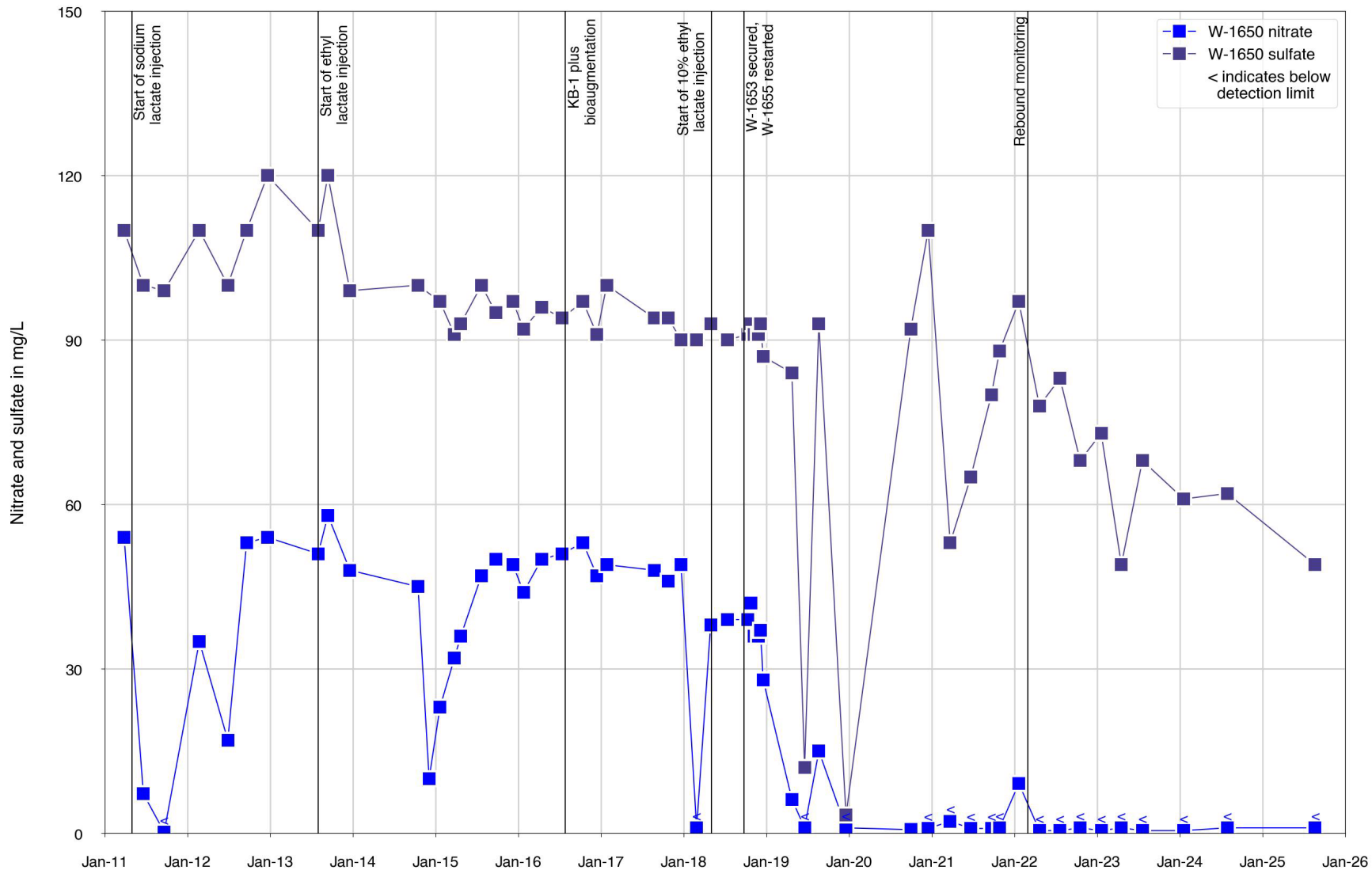

Figure C-1-7. Nitrate and sulfate concentration trends at TFD Helipad extraction well W-1650.

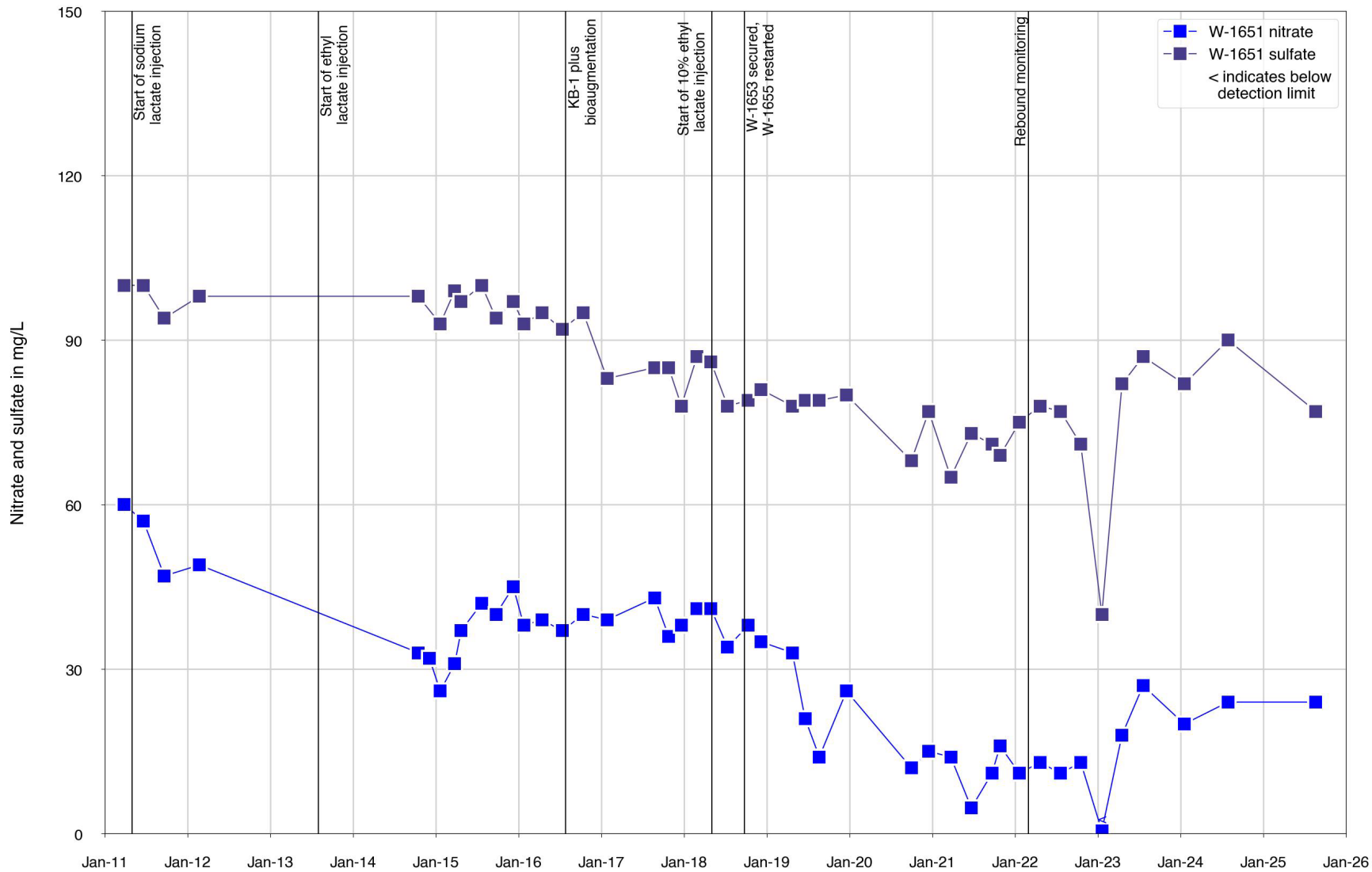

Figure C-1-8. Nitrate and sulfate concentration trends at TFD Helipad performance monitor well W-1651.

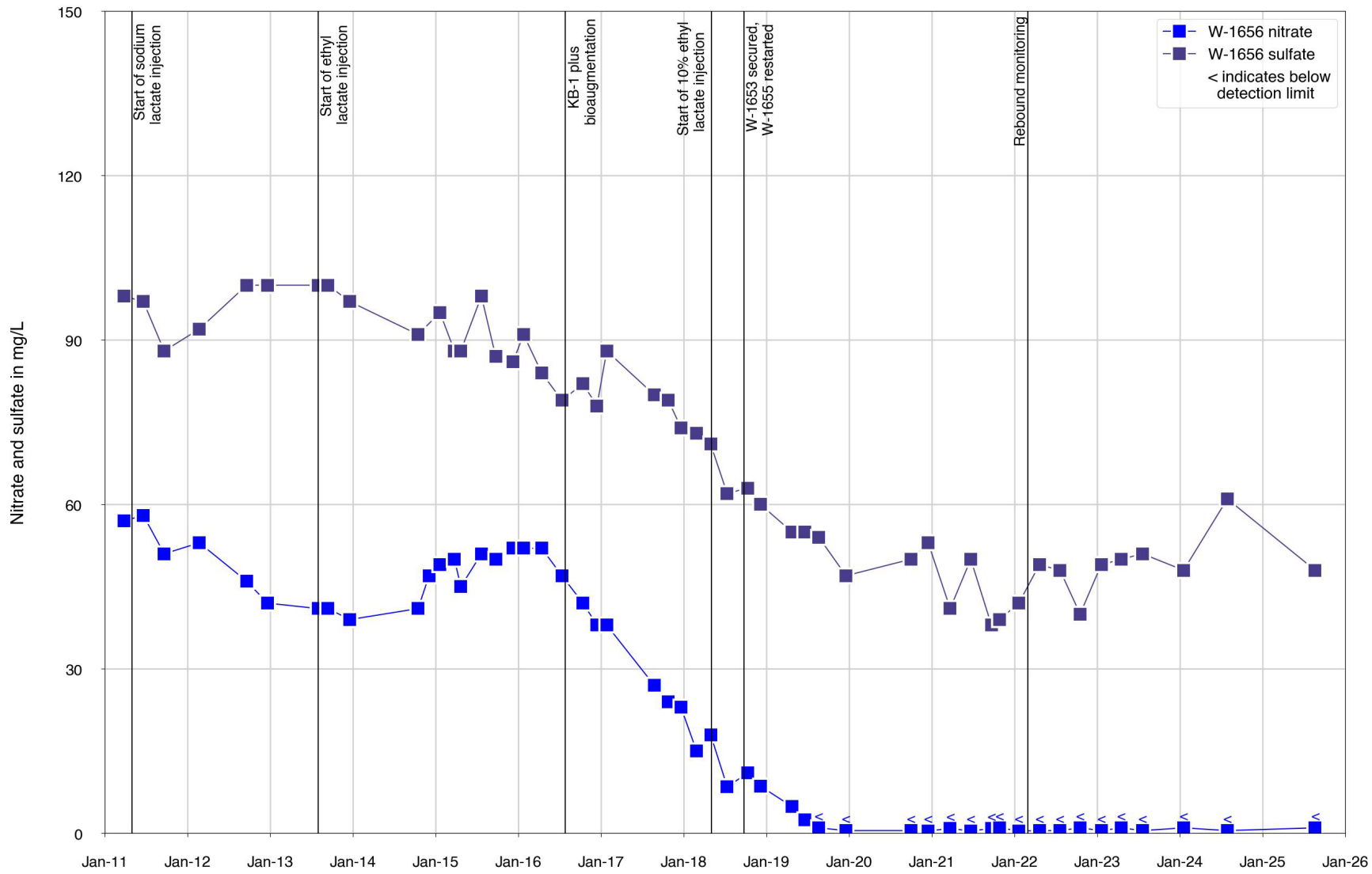

Figure C-1-9. Nitrate and sulfate concentration trends at TFD Helipad performance monitor well W-1656.

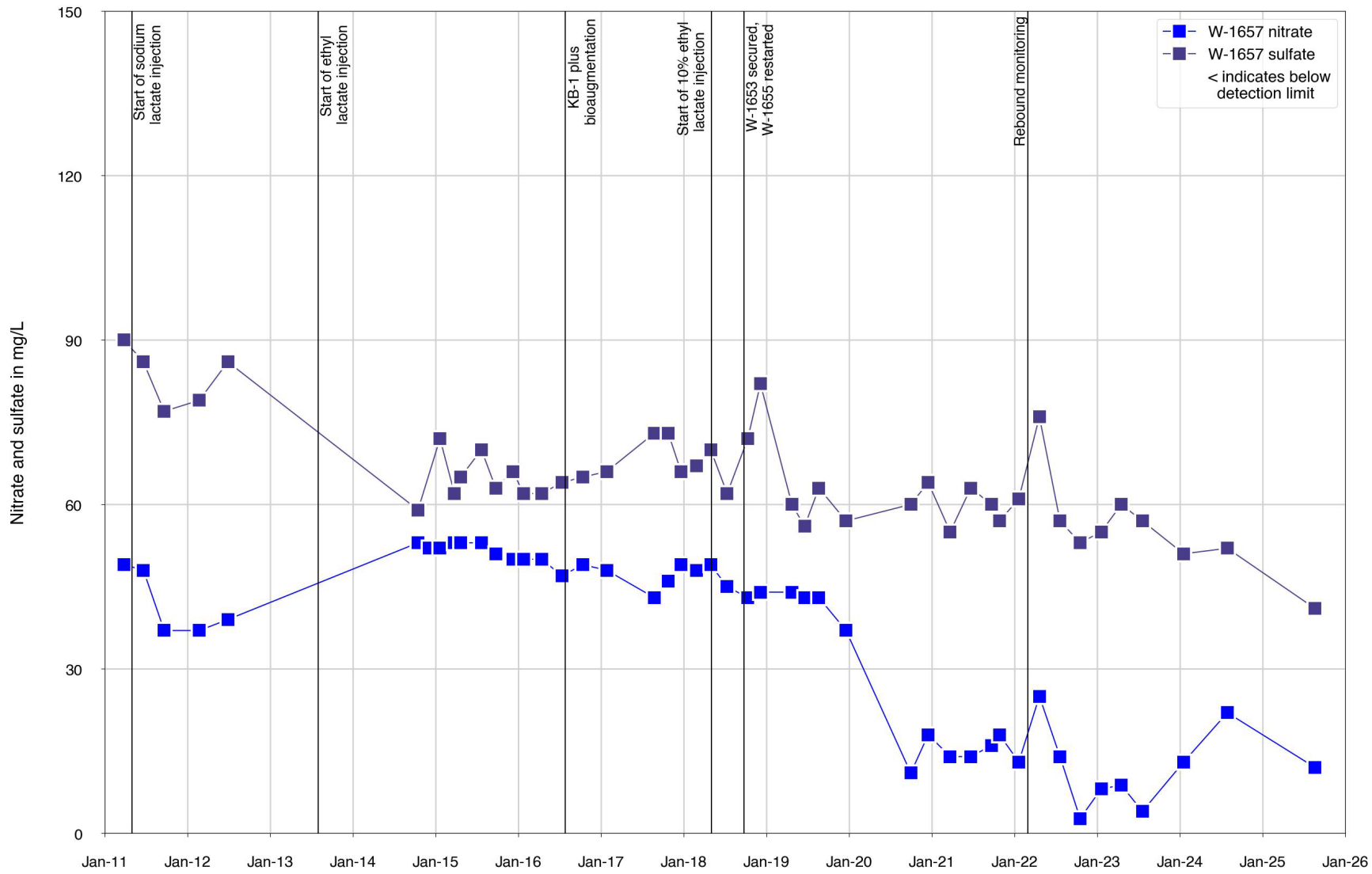

Figure C-1-10. Nitrate and sulfate concentration trends at TFD Helipad extraction well W-1657.

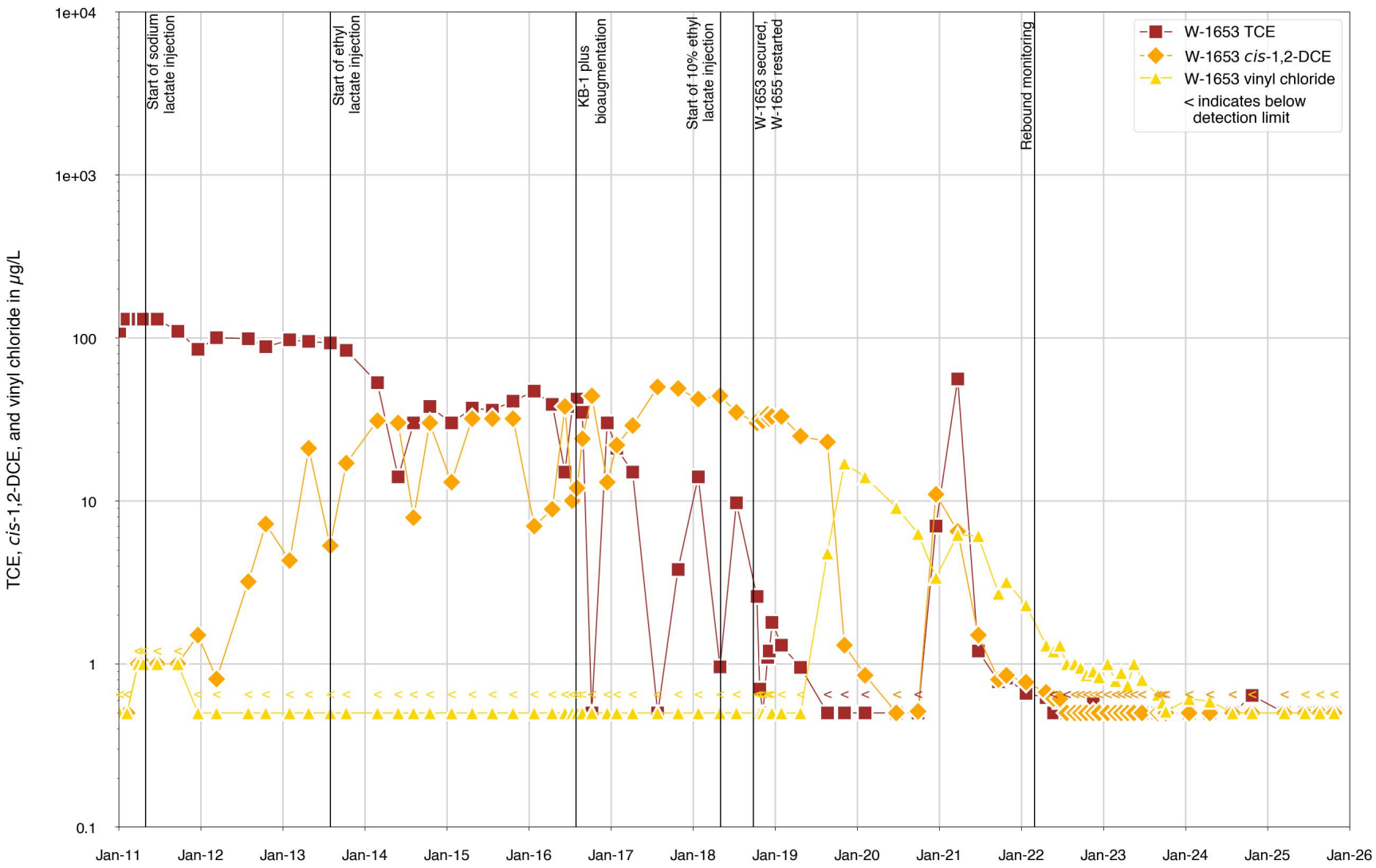

Figure C-1-11. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad extraction well W-1653.

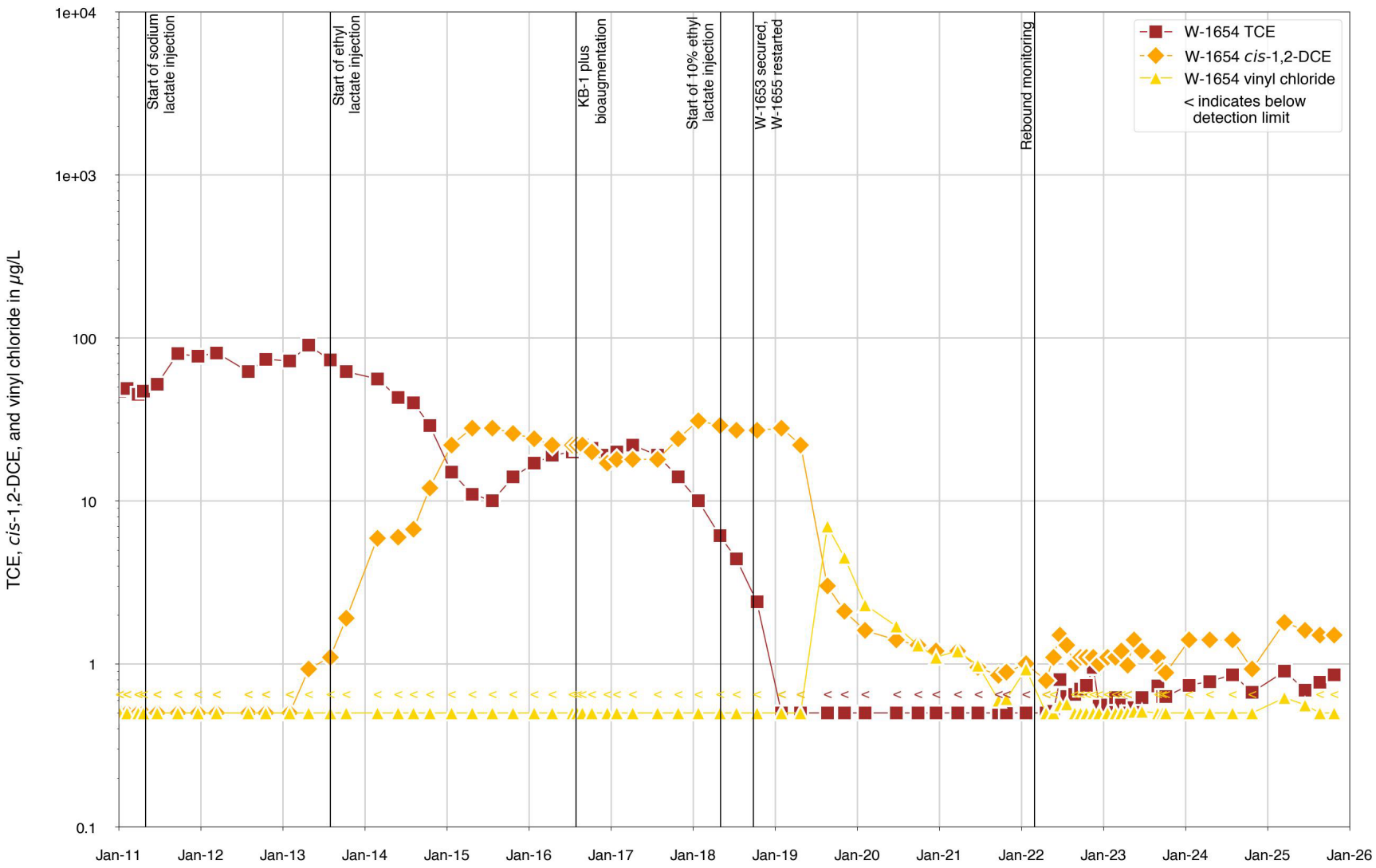

Figure C-1-12. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad performance monitor well W-1654.

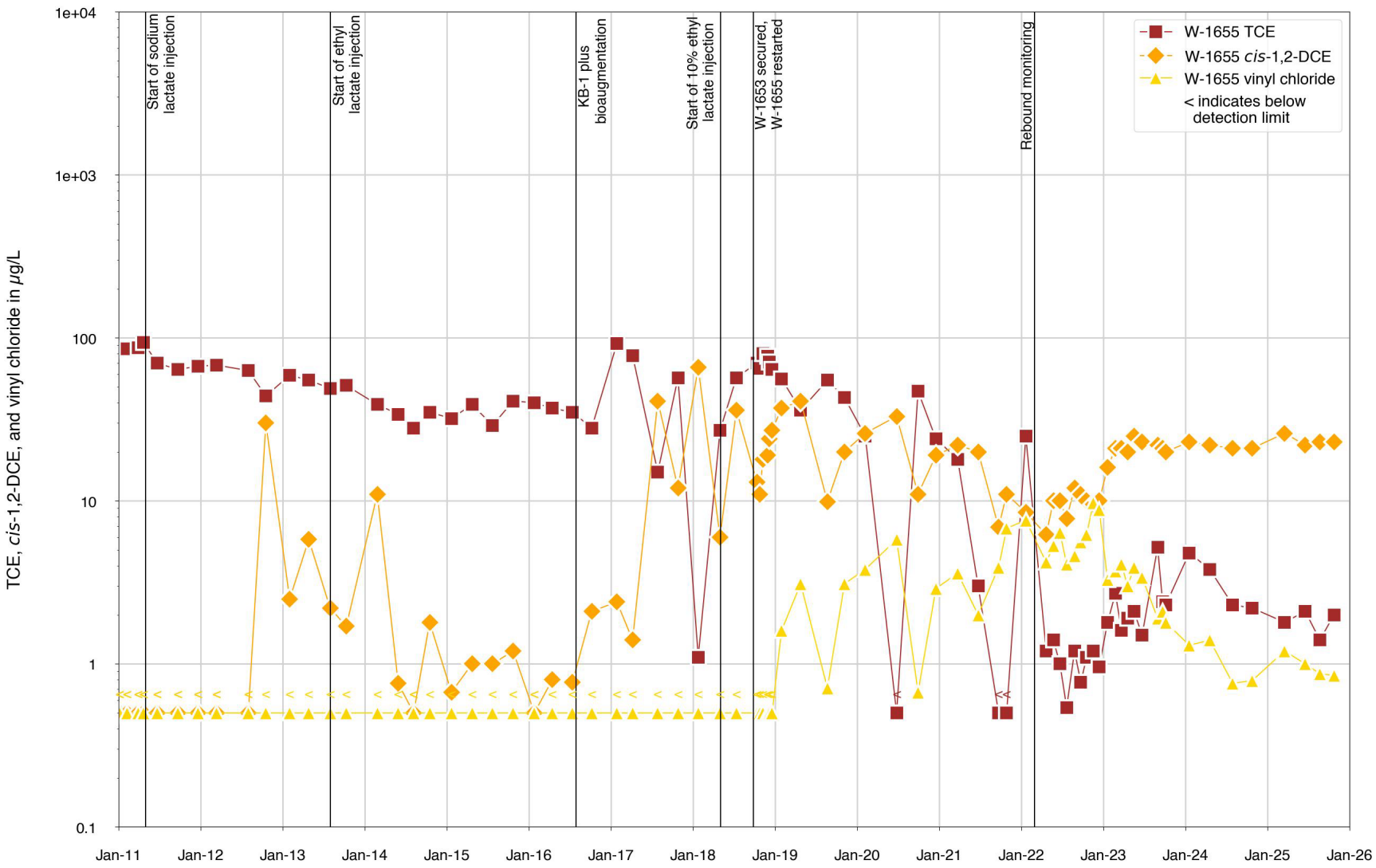

Figure C-1-13. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad extraction well W-1655.

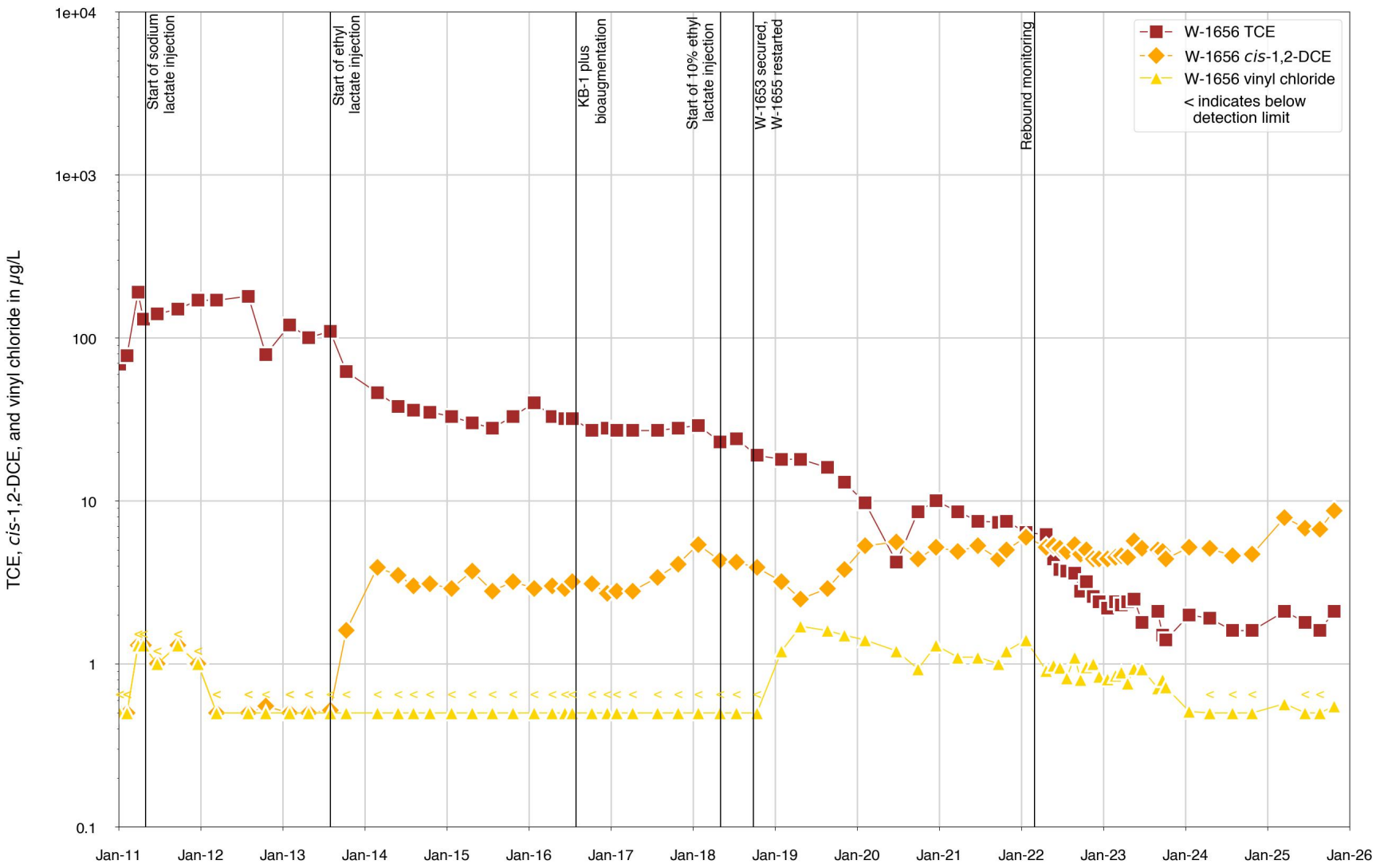

Figure C-1-14. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad performance monitor well W-1656.

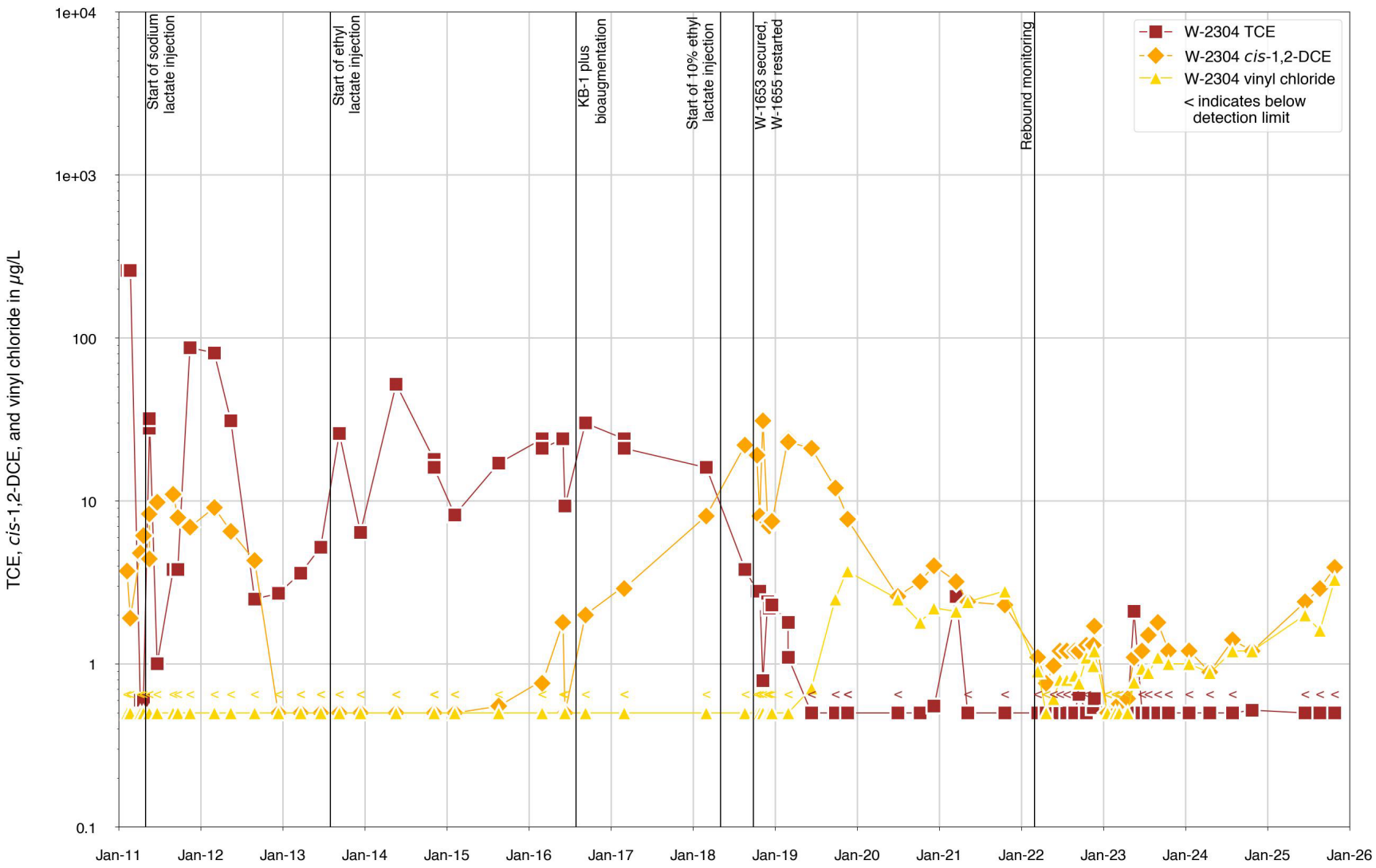

Figure C-1-15. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad performance monitoring well W-2304.

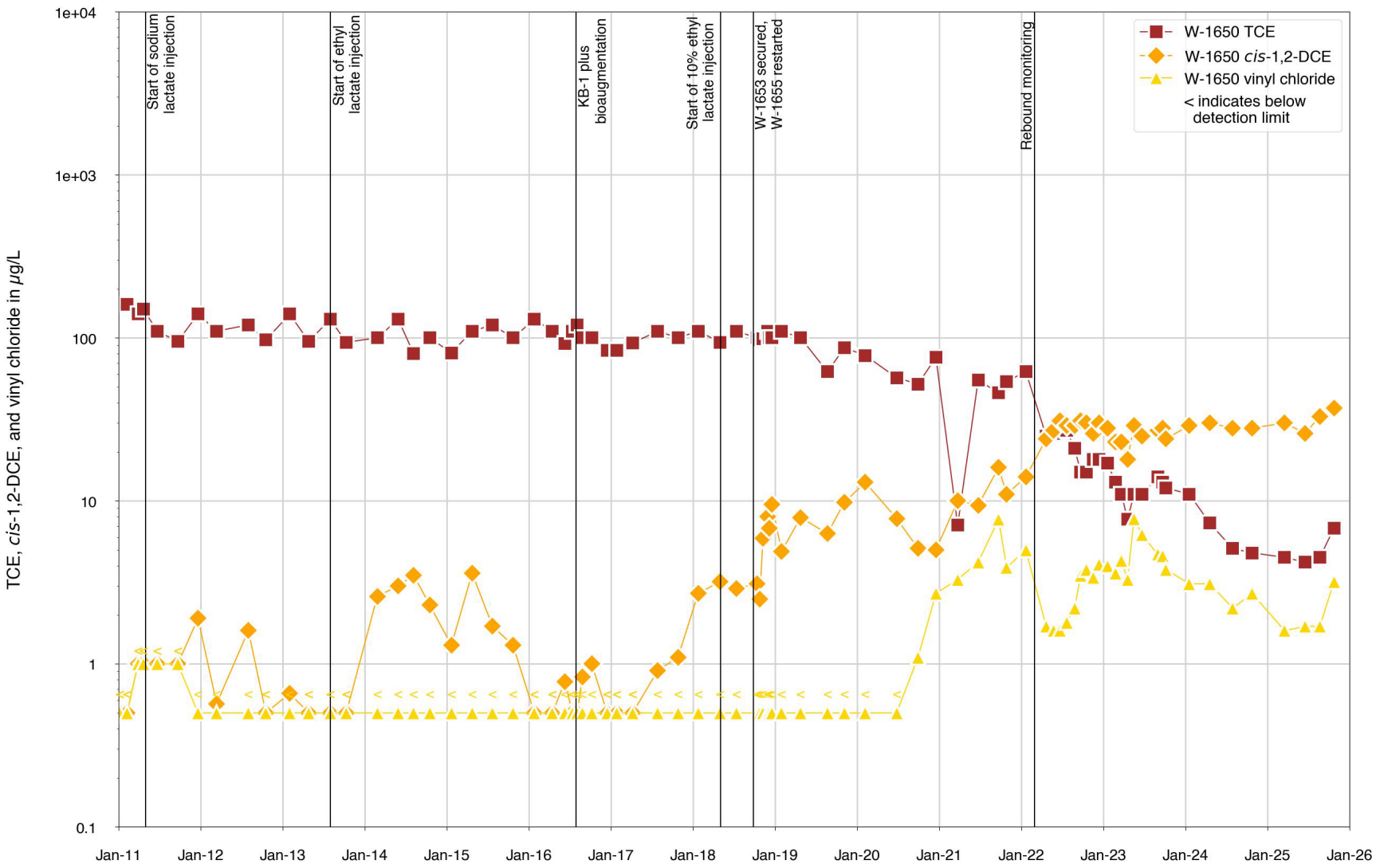

Figure C-1-16. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad extraction well W-1650.

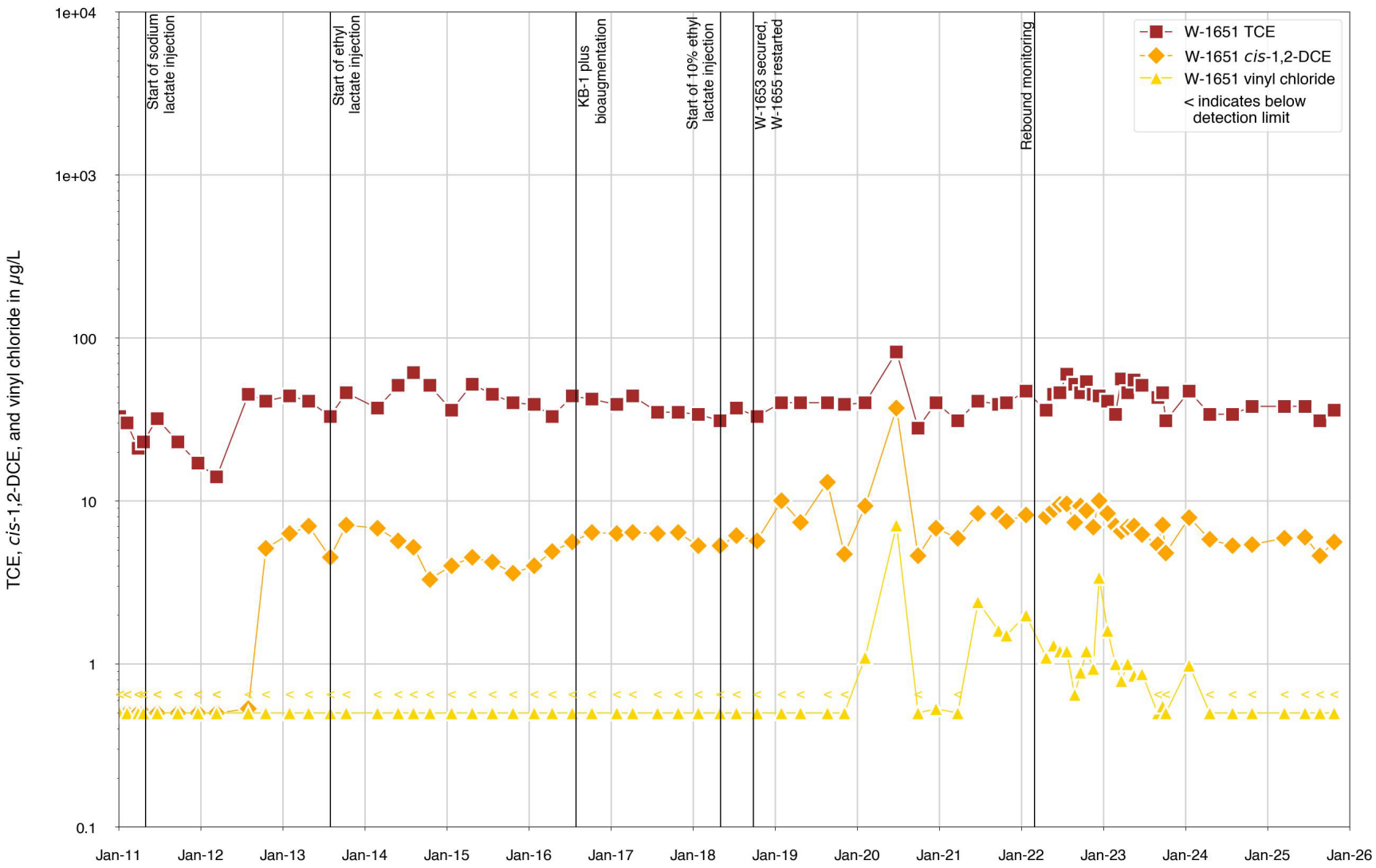

Figure C-1-17. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad performance monitor well W-1651.

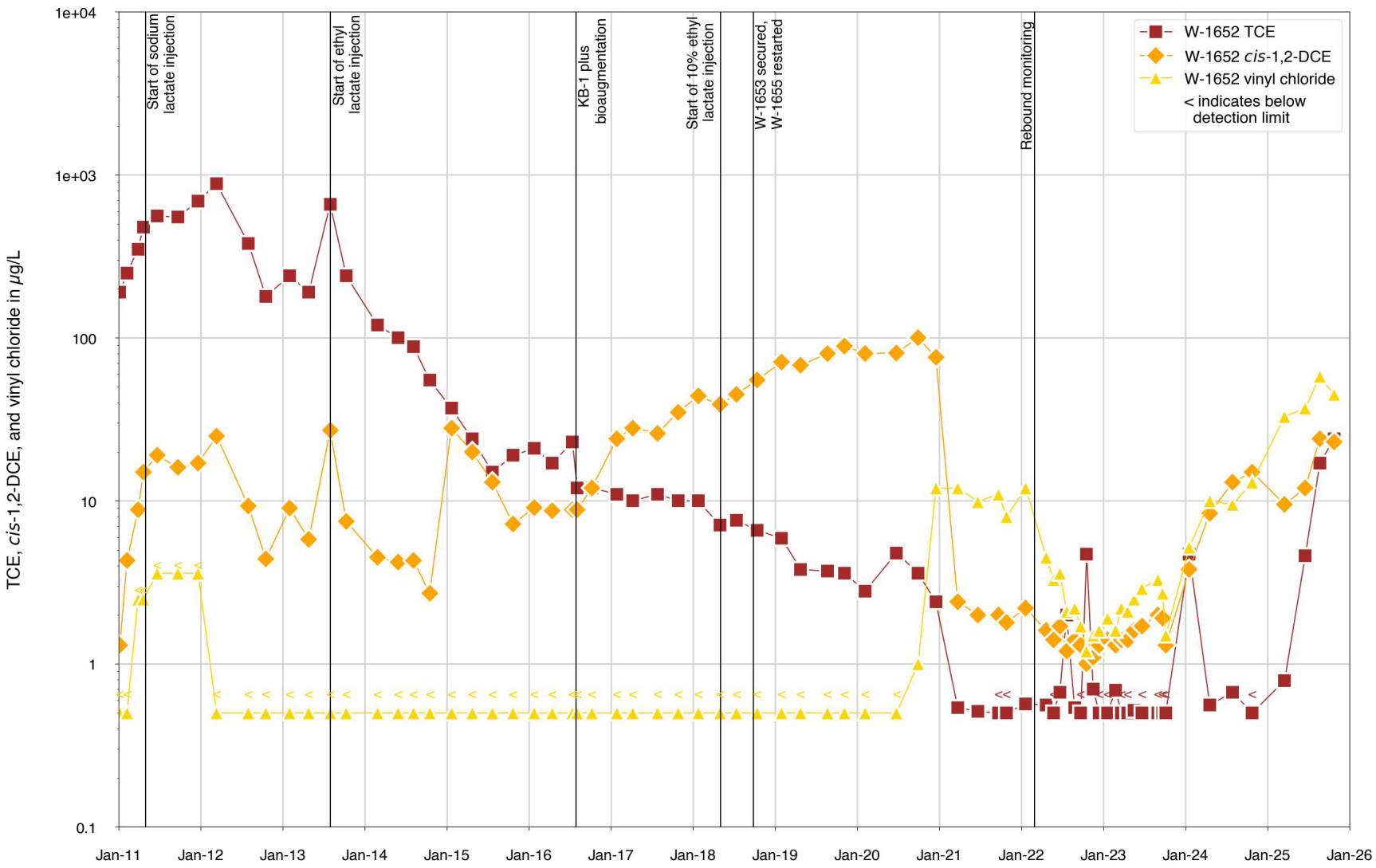

Figure C-1-18. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad performance monitor well W-1652.

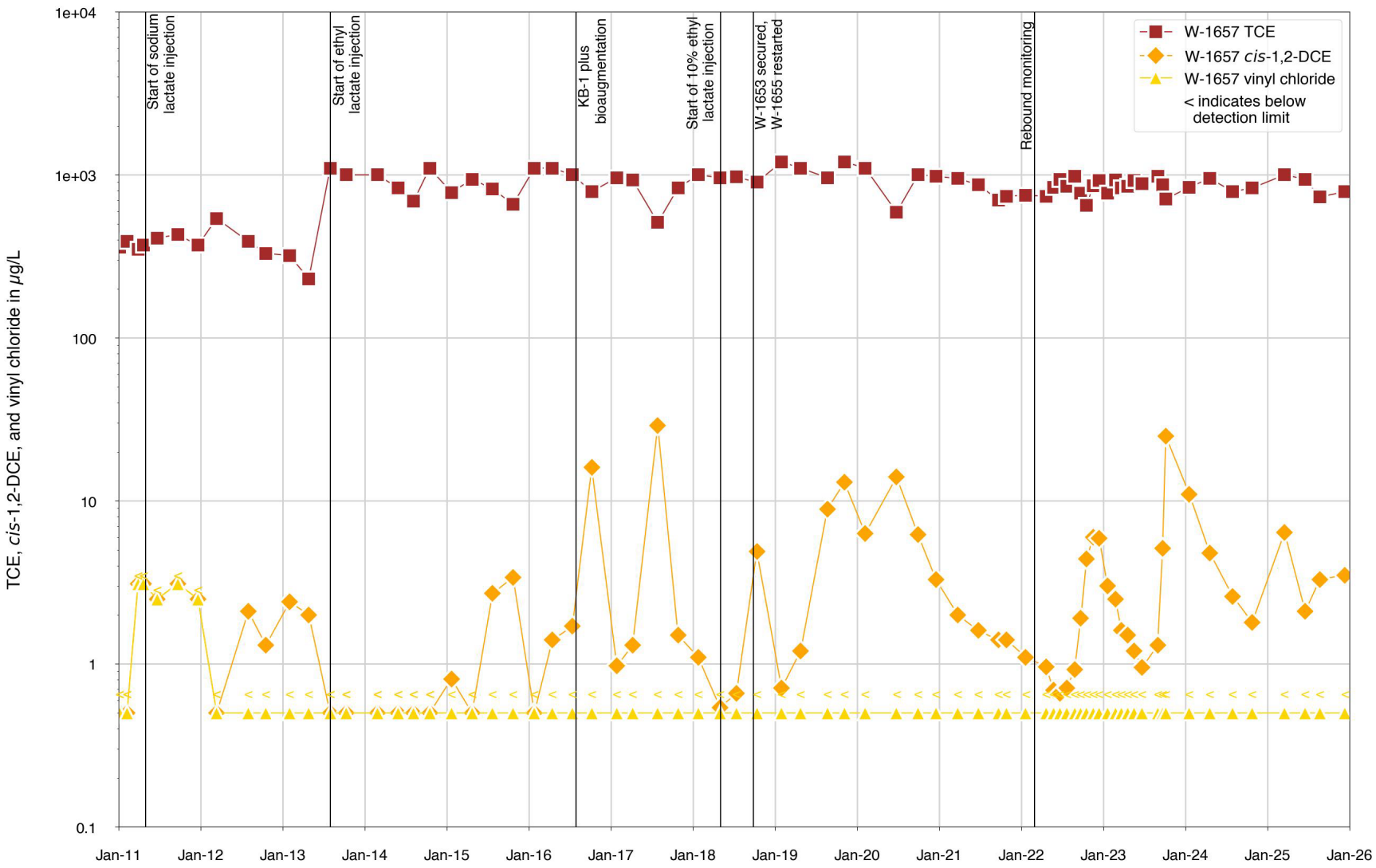

Figure C-1-19. TCE, *cis*-1,2-DCE, and vinyl chloride concentration trends at TFD Helipad extraction well W-1657.

Appendix C-2

TFE Eastern Landing Mat
Enhanced Source Area Remediation

Summary

The TFE Eastern Landing Mat (TFE-ELM) enhanced source area remediation (ESAR) treatability test was designed and implemented in 2011. Soil vapor extraction (SVE), dual extraction, air injection, low level heating, and dynamic well field operation (DWFO) were evaluated from 2011 to 2021. In 2025, treatability test wells W-1903, W-1909, and W-2305 remained secured, pending rehabilitation of the well screens.

C-2-1. Introduction

The Treatment Facility E Eastern Landing Mat (TFE-ELM) source area is located in an area of the Livermore Site formerly used for salvage and storage of reclaimable materials. Source investigations conducted during the late 1980s, 1990s, and 2000s determined that both unsaturated and saturated zones were impacted by volatile organic compounds (VOCs), primarily trichloroethylene (TCE). Currently, depth-to-water is approximately 89 feet below ground surface (ft-bgs) and influenced by long-term groundwater extraction in the area. The site's sedimentary sequence consists of alluvial fan deposits of primarily unconsolidated clay and silt with minor sand and gravel deposits. The source area extends from the unsaturated zone to the bottom of the first water-bearing zone within hydrostratigraphic unit (HSU) 2.

In 1996, the TFE-ELM source area began being hydraulically contained via pumping from downgradient groundwater extraction well W-1109. Source area remediation began in 2003, with groundwater extraction from well W-1903 and soil vapor extraction (SVE) from well W-543-001. In 2004, SVE was added at dual extraction well W-1903 and shallower wells W-543-003 and W-543-1908. From 2003 to 2011, a total of 117 kilograms (kg) of VOCs were removed from the three SVE wells and treated. During the same period, approximately 2 kg of VOCs were removed from groundwater and soil vapor using dual extraction from W-1903 and W-2305.

In May 2011, before the start of the treatability test, soil vapor TCE concentrations in shallower wells W-543-001, W-543-1908, and W-543-003 were 0.27, 0.43 and 0.73 parts per million by volume (ppm_v), respectively. Prior to SVE and treatment, VOC concentrations in W-543-001 and W-543-003 were greater than 100 ppm_v. This reduction in concentrations is largely attributed to the effectiveness of SVE in the more permeable, unsaturated sediments in the source area's eastern portion. By contrast, concentrations in the western portion remained high, and mass removal rates were much lower due to the presence of low-permeability sediments in the area.

A source area cleanup technology evaluation (SACTE) identified thermally enhanced remediation of low-permeability sediments as one of several technologies that may accelerate cleanup of source areas within the Livermore Site, including the western portion of the TFE-ELM source area. This technology is one of four currently being field-tested at the site under U.S. Department of Energy (DOE)/Lawrence Livermore National Laboratory's (LLNL) enhanced source area remediation (ESAR) initiative.

Figure C-2-1 presents the locations of remediation wells W-1903, W-1909, and W-2305 as well as monitor wells in the project area. The target source area is approximately 100 feet in diameter, centered on the source investigation piezometer SIP-543-101.

C-2-1.1 Objectives and Overview

This treatability test defines thermally enhanced remediation as the utilization of ambient air temperature and cost-efficient electrical heating elements inside remediation wells to heat both groundwater and injected clean air. Ambient air temperatures in the City of Livermore often exceed 100 degrees Fahrenheit (°F) during the summer months, which can boost thermal remediation seasonally. Compared to steam injection and electrical resistivity heating, this approach requires significantly less energy input and costly infrastructure.

The thermally enhanced remediation treatability test in the TFE-ELM source area evaluates the additional benefit of thermal heating as a means to reduce cleanup time by accelerating contaminant mass

transfer from the liquid and adsorbed phases to the vapor phase. To this end, the treatability test utilizes existing groundwater and soil vapor treatment systems that are already part of the current remedy. The test also applies a dynamic well-field operations (DWFO) strategy by changing locations of SVE and clean-air injections to alter subsurface flow pathways and prevent stagnation zones, thereby improving mass recovery rates from the subsurface. Finally, the treatability test is expected to provide valuable information on design parameters for future applications of a full-scale system.

C-2-2. Design and Implementation

The TFE-ELM source area's treatability test was originally designed to evaluate thermally enhanced remediation in the saturated and unsaturated zones by injecting heated air and electrically heating groundwater into certain wells while extracting both soil vapor and groundwater from others. The test system consists of the following four components:

- VTFE-ELM soil vapor treatment facility
- TFE East groundwater treatment facility
- Ambient-air injection blower
- Electrical heating elements in remediation wells

In early 2011, TFE-ELM source area wells W-1903, W-1909, and W-2305 were modified for the treatability test. W-1903 was designed to be the primary dual extraction well, and W-1909 and W-2305 were designed to be air-injection and heating wells. To afford the operational flexibility needed to implement DWFO at the source area, W-2305 was designed for the potential implementation of dual extraction, and W-1909 was designed for implementation as a SVE well. W-1909 and W-2305 contained heating elements installed both above and below the static water level to heat injected air and groundwater. All three source area wells were equipped with thermocouples to monitor subsurface temperatures. Situated at the center of the three wells, SIP-543-101 serves as the primary performance monitor well for the test and was equipped with pressure transducers and thermocouples in both groundwater and soil vapor.

Treatability testing began in October 2011 and continued through 2020. Air injection and heating were secured in 2021 and remained secured in 2025. Between 2011 and 2015, the system was operated in the primary operational mode of dual extraction from W-1903 alongside ambient air injection and heating in W-1909 and W-2305. Since December 2015, the extraction wellfield's configuration changed several times to increase mass removal rates from the source area and better accommodate performance testing. In December 2015, the system's operational mode was modified to extract soil vapor from W-1903 and W-2305, and ambient air was injected into W-1909. Two separate heating elements were used to heat the injected air and groundwater within W-1909. In July 2016, the operational mode was altered again to extract soil vapor from W-1903 and W-1909, and ambient air was injected into W-2305. Two separate heating elements were also used to heat the injected air and groundwater in W-2305.

The average subsurface soil vapor temperature in this area is 70°F. Injected air was heated up to 100°F in W-1909 and W-2305 while groundwater was heated up to 130°F in W-1909 and 110°F in W-2305. These target values were determined against the thermal properties of the casing and screen materials next to the heating elements.

In February 2017, the operational mode was modified once again to extract groundwater and soil vapor from only W-1903, thus discontinuing SVE from W-1909 and ambient air injection and heating in W-2305.

In March 2017, SVE at W-1903 was secured, and, in May 2017, SVE at W-1903 and W-1909 were restarted. In June 2017, thermocouples were removed from W-1903, and heating elements, thermocouples, and the groundwater pump were removed from W-2305 in December 2017. The system operated with groundwater extraction and SVE at W-1903 and only SVE at W-1909 through July 2018 before SVE was secured, the thermocouples were replaced, the heaters were repositioned to increase heat output, and air injection was initiated at W-1909 in August 2018. The system was operated in this configuration through September 2019, and SVE was implemented at W-2305 from mid-July to mid-August.

From October 2019 to November 2020, air injection at W-1909 was secured, and the system operated with groundwater extraction and SVE only from W-1903. In response to COVID-19 shelter-in-place orders, groundwater extraction and SVE was secured between March and July 2020. Dual extraction at W-1903 was conducted from July 2020 to November 2020 before being halted in December 2020. SVE from W-1909 was temporarily initiated from April to June 2021 before being halted again from June 2021 to December 2025.

Due to declining flow rates, instrumentation was removed from W-1903, W-1909, and W-2305 from 2020 to 2022, during which well health was inspected. Two redevelopment attempts using a dry penetrating agent were unsuccessful in 2021 and 2022. The wells currently remain secured while DOE/LLNL evaluates new chemical redevelopment options to restore SVE and groundwater extraction flow rates. Pending successful redevelopment, DOE/LLNL plans to implement new design installations that improve system resilience to recharge conditions during performance testing.

At this time, W-1903 remains the primary dual extraction well and is capable of SVE while W-1909 and W-2305 retain air injection and SVE capabilities.

C-2-3. Results and Discussion

The thermally enhanced remediation system operated intermittently from 2011 to 2021. During this period, the thermocouples deployed in dual extraction well W-1903 and performance monitor well SIP-543-101 did not indicate a significant increase in temperature while heating was implemented. This result was expected, given that the heat capacitance of the subsurface, especially in the saturated zone, is very high, and a notably high energy input is required to increase subsurface temperatures.

However, the following data sets suggest that the thermally enhanced remediation and DWFO strategy have positively influenced remediation in the TFE-ELM source area:

- Post-implementation VOC concentrations and mass removal rates from W-1903 have been consistently higher than those measured prior to the start of the test when the system was operating in an extraction-only configuration without heat.
- Vapor-phase mass removal rates were not significantly reduced during the injection periods, which was expected due to short-circuiting of ambient clean air from the injection wells to the extraction well. The relatively constant vapor-phase mass removal likely resulted from new vapor-circulation patterns being established in the subsurface and potentially heating the injected air.
- Prior to initiating air injection at W-1909 in August 2018, soil vapor VOC concentrations in W-1903 exhibited a decreasing trend. Upon restarting air injection at W-1909, VOC concentrations at W-1903 showed an increasing trend that persisted through the end of 2018. Although this

condition did not improve overall mass removal rates (given low vapor-flow rates), it supports the idea that air injection establishes new vapor-circulation patterns in the subsurface.

Groundwater extraction from W-1903 and W-2305 was suspended in 2021, pending rehabilitation of the well screens. Since October 2011, a total of 0.33 kg of total VOCs have been removed from groundwater. The majority of the mass was removed from W-1903 and a small fraction from W-2305.

In 2021, VTFE-ELM's VOC mass removal rates from soil vapor remained low due to decreased SVE flow rates, which are likely attributable to 1) sustained groundwater recharge that occurred in 2017; 2) from 2019 through 2021, the re-saturation of sediments that had dewatered during drought conditions observed between 2011 and 2016; and 3) scaling of the well screens. Since October 2011, 2.4 kg of total VOCs were removed from soil vapor in W-1903, W-1909, and W-2305, approximately 95% of which came from W-1903.

Although thermally enhanced remediation system has shown to be complex and challenging to implement, performance data indicate that, thus far, VOC concentrations and mass removal rates from W-1903 have been consistently higher than those measured prior to the start of the treatability test when the system was operating in an extraction-only configuration. Furthermore, the relatively constant vapor-phase mass removal is attributed to new vapor-circulation patterns forming in the subsurface due to air injection. These results suggest that the DWFO strategy has positively influenced remediation in the TFE-ELM source area.

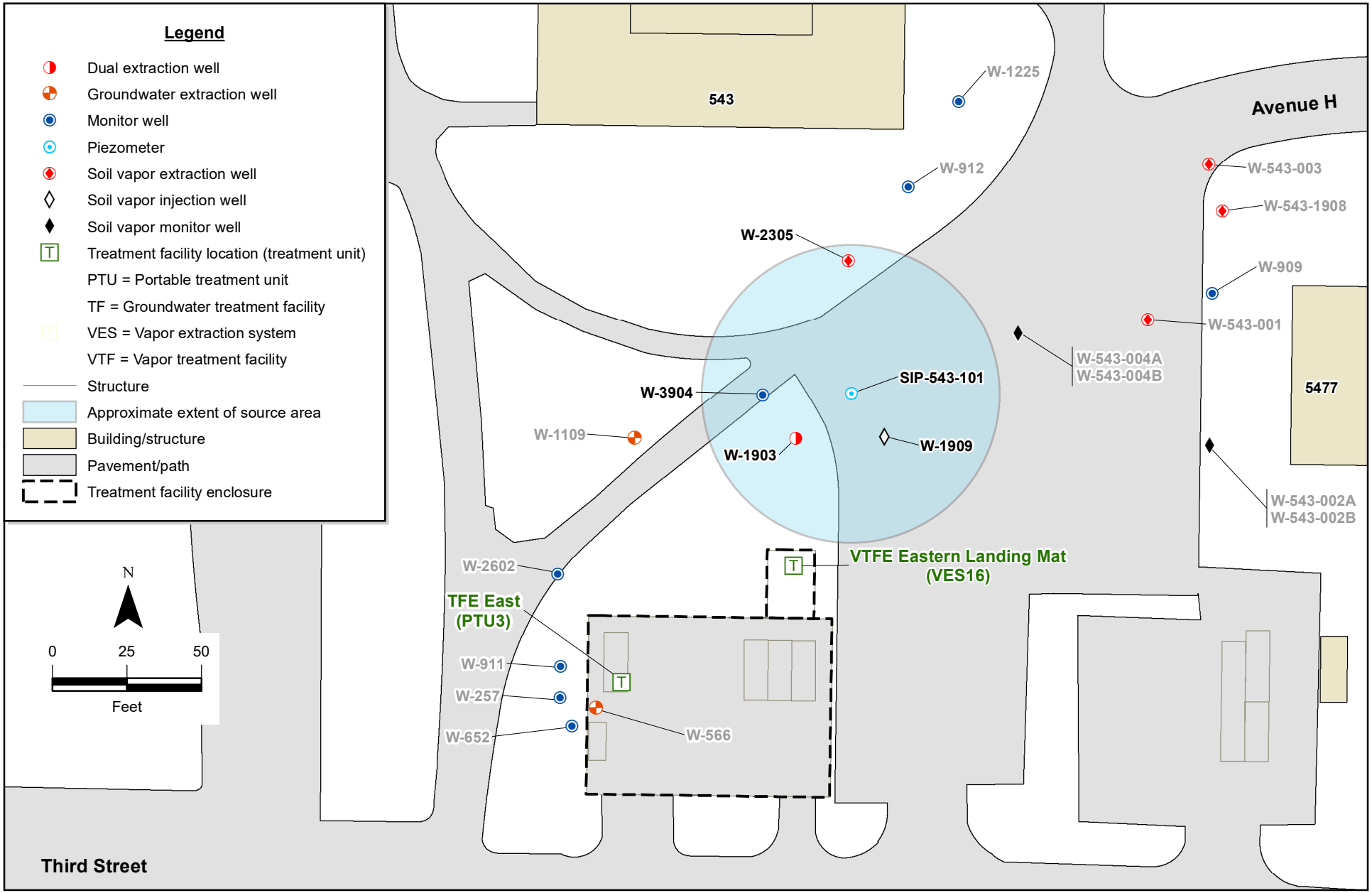

Figure C-2-1. Locations of wells and treatment facilities in the thermally enhanced remediation treatability test area at the TFE Eastern Landing Mat.

Appendix C-3

TFC Hotspot
Enhanced Source Area Remediation

Summary

This appendix summarizes the activities and results of the enhanced source area remediation (ESAR) treatability test conducted at the Treatment Facility C (TFC) Hotspot in 2025.

During this reporting period, post-implementation performance monitoring of the TFC Hotspot source area's zero-valent iron (ZVI) emplacement treatability test continued with the collection of analytical samples and field parameters at the performance monitor wells. The U.S. Department of Energy/Lawrence Livermore National Laboratory (DOE/LLNL) continued implementing the modified purging methodology at performance monitor well W-2612 to induce a steeper groundwater gradient between the well and the ZVI panels and to reduce the travel time of groundwater from the ZVI panels to the well. Located within the treatment zone, extraction well W-2201 was secured in July 2020 and remained so in 2025. Furthermore, in 2021, three performance monitor boreholes were drilled from which to collect soil cores for the analysis of volatile organic compounds (VOCs) in soil as well as the mineralogical assessment of the emplaced ZVI.

Reducing conditions and/or TCE degradation products had been observed in performance monitor wells W-2611, W-2612, and W-1212. In 2023, geochemical data from W-1212 indicated increasingly anaerobic and reducing conditions in the surrounding subsurface, coinciding with a significant decline in TCE concentrations. By April 2024, TCE concentrations in W-1212 reached a historic low of 14 µg/L but increased to 91 µg/L in October 2025. Ongoing monitoring in 2026 will help determine whether this increase reflects a sustained trend or temporary variability in groundwater conditions. Groundwater affected by the ZVI panels or byproducts of the inclusion fluid used during the emplacement process continues to reach all three wells.

As of October 2025, remedial actions have resulted in a 55% to 83% reduction in TCE concentrations in W-2611, W-2612, and W-1212, while a 69% reduction has also been observed in downgradient TFC Southeast extraction well W-1213. In addition to TCE, significant reductions of hexavalent chromium in groundwater have been observed in all three treatment zone monitor wells.

C-3-1. Introduction

This appendix summarizes the performance-monitoring phase of the zero-valent iron (ZVI) emplacement treatability test initiated at the Lawrence Livermore National Laboratory (LLNL) Livermore Site Treatment Facility C (TFC) Hotspot in fall 2014. A source area cleanup technology evaluation (SACTE) determined that the emplacement of a reactive amendment into lower-permeability source area sediments may promote *in situ* destruction of contaminants through abiotic reductive dechlorination, thus potentially accelerating the cleanup of source areas at the Livermore Site. This technology is one of four currently being field-tested at the site under the U.S. Department of Energy (DOE)/LLNL enhanced source area remediation (ESAR) initiative.

DOE/LLNL identified the TFC Hotspot source area during source investigations conducted in the early 1990s, during which trichloroethene (TCE) and other volatile organic compounds (VOCs) were discovered in groundwater, most likely as a result of the U.S. Navy's electronic fabrication activities at Building 171 during the 1940s. TCE concentrations of up to 2,800 micrograms per liter (µg/L) were present in hydrostratigraphic unit 1B (HSU-1B), the first saturated HSU, at relatively shallow depths of 50 to 75 feet below ground surface (ft-bgs).

The TFC Hotspot's VOC source area is dominated by fine-grained sediments consisting of silty sand to sandy silt and clayey silt with occasional coarser grained units. The groundwater yield from wells in this source area is low to very low, with less than 0.5 gallons (gal) per minute in the zone of interest. In 2014, when the treatability test was implemented, depth to groundwater was 62 ft-bgs. While the entire source area covers approximately 120 by 170 feet laterally, the area with elevated TCE concentrations in groundwater (i.e., greater than 100 µg/L) is reasonably small, approximately 30 feet in diameter and extending to a depth of approximately 75 ft-bgs. This portion of the source area was targeted for treatment during the treatability test.

In 1997, DOE/LLNL initiated the hydraulic containment and cleanup of the TFC Hotspot using groundwater extraction and treatment at the TFC Southeast groundwater treatment facility. Prior to the ESAR test, approximately 18 kilograms of VOCs were removed from the subsurface, and TCE declined from 2,800 µg/L in the 1990s to between 58 and 240 µg/L in September 2014. Additionally, 1,1-dichloroethene and 1,2-dichloroethane were above cleanup standards in groundwater prior to ZVI emplacement. Although concentrations of *cis*-1,2-dichloroethene (*cis*-1,2 DCE) were detected below 6 µg/L in the area of monitor well W-2612, vinyl chloride was not detected (i.e., detected at less than the 0.5 µg/L laboratory reporting limit).

Throughout the test, VOC-impacted groundwater outside the study area has continued to be hydraulically contained through the TFC Southeast groundwater extraction wellfield and treatment facility. Contaminants known to occur in the vadose zone may require soil vapor extraction remediation once the treatability test is completed.

C-3-2. Objectives and Overview

Dechlorination of VOCs, such as TCE, may be achieved through *in situ* chemical reduction using ZVI. This abiotic process oxidizes (i.e., corrodes) the ZVI while chlorinated VOCs are reduced via two common degradation mechanisms, β-elimination and hydrogenolysis, proceeding simultaneously (Arnold and

Roberts 2000). The primary degradation pathway of chlorinated ethenes in the presence of the reduced metal is β-elimination, during which more than 90% of the initial TCE is degraded by removing chlorines on adjacent carbon (C) atoms and then forming a third C-C bond. TCE is thereby converted to chloroacetylene and acetylene, which are unstable and rapidly converted to benign end products ethene and ethane (ITRC 2011). Field and laboratory studies have shown that less than 10% of the initial TCE mass typically degrades to ethene or ethane by hydrogenolysis on the metal surface through the stepwise intermediates *cis*-1,2-DCE, *trans*-1,2-dichloroethene (*trans*-1,2-DCE), and vinyl chloride; therefore, these lesser chlorinated intermediates may be present at low concentrations.

Other products of the dechlorination process include ferrous iron, chloride, and hydrogen. Hydrogen can serve as an electron donor that supports the growth of dechlorinating microorganisms, reducing TCE biotically through the sequential reductive dechlorination pathway to *cis*-1,2-DCE, and potentially vinyl chloride and ethene if *Dehalococcoides mccartyi*, the only organisms that dechlorinates TCE completely, are present (Tobiszewski and Namiesnik 2012).

The treatability test conducted at the TFC Hotspot source aims to assess whether VOCs can be effectively dechlorinated in low permeability, silt- and clay-rich sediments by emplacing ZVI within dual-azimuth vertical inclusions and creating chemically reductive zones *in situ*. Because ZVI starts to corrode when added to an aquifer system, this study also evaluates ZVI's longevity to determine if iron present at the site remains reactive and continues to treat groundwater as intended after nine years of emplacement or if mineral precipitates have begun forming on the surface of the ZVI, thus preventing reactivity with chlorinated solvents.

To comprehensively evaluate its primary objective, the ZVI emplacement treatability test was designed to include the following performance-monitoring steps:

- Video-logging TFC Hotspot wells to document pre- and post-implementation conditions
- Performing pre- and post-implementation hydraulic testing at TFC Hotspot wells
- Monitoring groundwater field parameters at TFC Hotspot wells pre- and post-implementation
- Conducting pre- and post-implementation groundwater monitoring of TFC Hotspot wells for VOCs and dechlorination daughter products, metals, and general minerals
- Drilling and collecting soil cores from performance monitor boreholes B-3771, B-3772, and B-3773 for the analysis of VOCs in soil and the mineralogical assessment of ZVI

In 2021, the performance monitor borings were completed to evaluate the mineral content of the iron particles and the extent of weathering to less reactive minerals as well as to determine if mineral coatings (e.g., carbonates) that hamper reactivity with chlorinated solvents had formed on the ZVI particles. Conversely, reduced mineral species (e.g., iron sulfides) could have also formed to provide secondary reactivity and promote the continued abiotic degradation of TCE.

Cores were collected between September 27 and 29, 2021, beginning at the ground surface and by advancing the direct-push drive points diagonally into the ZVI panels (Noyes et al. 2022). Soil samples were collected from cores B-3371, B-3372, and B-3773 at depths ranging between 58.4 and 81.0 ft-bgs. Additionally, ZVI samples from the upper and lower vertical panels were collected and submitted for analysis to the University of Western Ontario's Surface Science Western Laboratory in London, Ontario, Canada. One profile sample of ZVI was collected from an upper vertical panel at 68.5 ft-bgs (B-3772-68.5),

and another from a lower vertical panel at 76.5 ft-bgs (B-3771-76.5). Results for the reacted ZVI material were compared against an unreacted control ZVI sample produced by Peerless Metal Powders, Inc.

The following mineralogical assessment methods were applied to the samples:

- Optical microscopy and scanning electron microscopy coupled with energy dispersive X-ray spectroscopy (SEM/EDX) to evaluate morphology and the spatial relationship among mineral precipitates on the surface of ZVI particles and to show the distribution of elements present on the ZVI surface
- X-ray diffraction (XRD), a nondestructive analytical technique that can provide structural and phase information of mineral precipitates formed on the ZVI material
- Raman spectroscopy to evaluate chemical composition and material structure
- X-ray photoelectron spectrometer (XPS) to detect all elements, with the exception of hydrogen and helium, potentially present on the surface of the ZVI sample

C-3-3. Design and Implementation

GeoSierra Environmental, Inc. (GeoSierra) performed the implementation phase of the treatability test, injecting ZVI using their patented controlled vertical inclusion process (VIP). Figure C-3-1 locates emplacement boreholes and resistivity strings installed in the TFC Hotspot source area while Figure C-3-2 locates performance monitor boreholes B-3771, B-3772, and B-3773 used later for soil core collection.

The VIP emplacement technique controls and directs the azimuth (i.e., orientation) of the inclusions, which are granular ZVI at this location, by drilling nearby pressure-relief boreholes and thus manipulating pore pressure in the subsurface. The net effect is to coalesce the injected inclusions with those emplaced from adjacent injection boreholes, thereby creating an interconnected network of vertical panels or walls of granular, permeable ZVI throughout the treatment area. The ZVI is injected into the subsurface as a highly viscous inclusion fluid or proppant mixture, which consists of a cross-linked guar gum gel containing enzymes that break down the gel starches into sugars within approximately an hour after injection. Emplacement of a reactive amendment in the vertical plane dramatically increases the likelihood of the amendment coming in direct contact with source area groundwater containing VOCs traveling laterally.

GeoSierra installed the VIP ZVI emplacement system over an area approximately 45-feet long and 45-feet wide and between approximately 55 to 75 ft-bgs. The emplacement was constructed as one continuous grid system with the upper vertical panels of ZVI oriented perpendicular to the lower panels. The upper vertical panels were installed using expansion casings between approximately 60 to 65 ft-bgs and formed out of approximately 13,700 pounds of injected granular iron. Concurrently, the lower vertical panels were installed using expansion casings between approximately 70 to 75 ft-bgs and formed out of approximately 28,300 pounds of injected granular iron. Inclusions were noted to extend approximately 10- to 12-feet high and up to 20 feet laterally along the azimuth of the formation. Well-head pressure and electrical resistance tomography were monitored to track the panel installation.

Construction commenced on September 15, 2014, and was completed on September 30, 2014. The ZVI multi-azimuth grid ultimately included the following materials and processes:

- Nine emplacement boreholes with two 5-feet expansion casings (i.e., upper and lower) installed to a depth of approximately 75 ft-bgs using the mud-rotary drilling technique (GeoSierra 2014)

- Seven resistivity strings with five receivers each for a total of 35 receivers, installed to a depth of approximately 75 ft-bgs using a direct-push drilling rig
- Injection of 21 tons of granular ZVI, with approximately 3% in the upper zone and 67% in the lower zone
- Application of approximately 5,820 gal of inclusion fluid during the emplacement process

C-3-4. Results and Discussion

Video-logging and redevelopment of area wells following ZVI emplacement indicate that existing wells were not negatively affected by implementation. In addition, DOE/LLNL conducted pre- and post-implementation hydraulic tests of the area wells, including TFC Southeast extraction well W-2201 and performance monitor wells W-1212, W-2611, and W-2612, which indicated no significant changes in hydraulic conductivity or other hydraulic parameters attributable to the ZVI emplacement process.

Post-implementation sampling for VOC analysis, dechlorination products, metals, and general minerals began in November 2014 and continued into 2025. Groundwater field parameters (e.g., dissolved oxygen, specific conductance, oxidation-reduction potential, pH, temperature) were also continued to be measured in 2025.

C-3-4.1. Groundwater Performance Monitoring

In 2015, degradation products from ZVI's dechlorination of TCE (i.e., ethene, ethane, *trans*-1,2-DCE and vinyl chloride) were absent in the study area, except for low concentrations of *cis*-1,2-DCE present in W-2612 at 8.2 µg/L in February 2015. Low levels of *cis*-1,2-DCE have been observed in this well since April 2012, predating the beginning of the test by more than two years. The lack of degradation products observed during the first year following emplacement is likely attributed to slow groundwater flow velocity in the low-permeability, fine-grained sediments found in the TFC Hotspot source area.

In March 2016, DOE/LLNL attempted to reduce the time frame necessary to obtain ZVI-impacted groundwater samples by inducing a steeper groundwater gradient between the ZVI panels and W-2612. To this end, DOE/LLNL modified W-2612's purging methodology from a low-volume purge method to a multiple-casing volume purge method (McKereghan and Wong 2016). To maintain a lower water level in the well and implement the new purge method on a continuous basis, the automated solar-powered purging system shown in Figure C-3-3 was also deployed at W-2612.

In response to COVID-19 shelter-in-place orders, purging from W-2612 was discontinued between March and June 2020. W-2201, which is located within the treatment zone, was also shut-in from March to mid-May 2020. Data indicated that, while W-2201 was pumping, W-2611 monitored oxygenated groundwater originating from outside the ZVI cell. To enhance reducing conditions and improve the ZVI treatment area's performance assessment, W-2201 was shut-in again in July 2020 and remained so through 2025. The flow-regime modification supported the multiple-casing volume purge method by allowing the groundwater gradient within the ZVI cell to shift toward W-2612, thus shifting the local groundwater gradient toward W-2611.

In 2016, following the purge method change at W-2612, trends in analytical results from W-2612 and W-1212 notably changed while results from other wells in the treatment area remained relatively

unchanged. For instance, Figure C-3-4 shows that chloride concentrations in W-2612 increased from 45 milligrams per liter (mg/L) to a maximum of 130 mg/L in April 2017 before decreasing to 73 mg/L by July 2020. A similar chloride trend was observed in W-1212. These changes most likely represent byproducts of the inclusion fluid, which contained cross-linked guar gum gel (i.e., a thickening agent and subsequent carbon source upon breakdown) and sodium chloride (i.e., salt) used to monitor the emplacement process with resistivity strings.

Guar gum in the fluid acted as an electron donor, contributing to reducing conditions being created in the vicinity of both W-2612 and W-1212, as evidenced by a significant increase in methane concentrations. Figure C-3-5 shows that methane concentrations in W-2612 increased from 480 µg/L in September 2016 to a maximum of 3,300 µg/L in July 2017 but has steadily declined since, with results falling below the 1 µg/L reporting limit in July 2025. Nitrate and sulfate concentrations in W-2612 declined significantly after the purge method was changed, indicating reducing conditions. After continuous purging from W-2612 was suspended for three months between March through June 2020 in response to COVID-19 shelter-in-place orders, sulfate concentrations decreased to a historical low of 3.8 mg/L in June 2020, suggesting that less reducing groundwater is being drawn towards W-2612 when it is operational. Once pumping resumed, sulfate concentrations rebounded to 17 mg/L in September 2020 and have since remained between 16 and 18 mg/L. Additionally, as of July 2023, nitrate concentrations in W-2612 have been below the 0.5 mg/L reporting limit, with the exception of one 2.9 mg/L detection in January 2025.

In W-1212, nitrate concentrations decreased from 36 mg/L pre-implementation to 12 mg/L after the purge method change. Figure C-3-6 shows that, post-change, nitrate has fluctuated between 3.5 and 18 mg/L while sulfate levels remained relatively constant between 16 and 22 mg/L. Similarly, methane concentrations increased from non-detect before the change to a 2,900 µg/L maximum in January 2018, with 1,400 µg/L still detected in September 2020. After groundwater extraction from W-2201 ceased in July 2020, methane in W-1212 decreased to low concentrations, although a spike as high as 1,600 µg/L was detected in February 2022 and, starting in 2023, concentrations again increased from non-detect to a high of 1,300 µg/L by April. However, since then, concentrations have steadily declined, measuring 3.3 µg/L in July 2025. Concurrently, nitrate concentrations declined from 20 mg/L in October 2022 to 2 mg/L in July 2023 but increased to 26 mg/L by July 2025, possibly suggesting a shift in redox conditions. Figure C-3-4 shows that, over the same timeframe, chloride levels increased from 54 to 99 mg/L, indicating the arrival of ZVI-impacted groundwater at W-1212, which was also evidenced by a significant decrease in TCE concentrations as described below. TCE concentrations declined to a historical minimum of 14 µg/L in April 2024 but subsequently increased to 91 µg/L by October 2024 and remained relatively stable through 2025, potentially reflecting changes in redox conditions.

At downgradient monitor well W-2611, nitrate concentrations slowly increased from approximately 24 mg/L in June 2016 to 30 mg/L in June 2020. Sulfate concentrations remained relatively constant during this period, although they began increasing similarly from 20 mg/L in December 2019 to 31 mg/L in July 2020. Methane concentrations remained non-detect (i.e., below the 5 µg/L reporting limit) in W-2611, indicating oxic subsurface conditions; however, after extraction from W-2201 was secured, concentrations increased significantly from below 5 µg/L in January 2020 to a maximum of 2,500 µg/L in February 2022. Since then, concentrations have decreased to below the 1 µg/L reporting limit in 2025. As shown in Figure C-3-7, these methane concentrations suggest reducing conditions in groundwater upgradient of this well; this is further supported by nitrate concentrations steadily declining from 30 mg/L in June 2020 to 1.5 mg/L

in January 2022, concurrent with sulfate concentrations decreasing across the same period. Since 2022, nitrate and sulfate concentrations have exhibited a slight increase, measuring 5 and 26 mg/L, respectively, in July 2023. Nitrate declined to below the 0.5 mg/L reporting limit by July 2024 and remained non-detect in 2025, representing the lowest levels on record. Sulfate concentrations have continued to decrease since W-2201 was secured in July 2020, reaching 18 mg/L in January 2025 and 19 mg/L in July 2025.

Between 2020 and 2021, chloride concentrations in W-2611 further increased to considerably above baseline levels, indicating the arrival of ZVI-impacted groundwater at the well. Analytical results from the well also indicate that extraction from W-2201 dilutes groundwater arriving at W-2611 with groundwater originating from outside of the ZVI cell. These concentration trends denote that performance-monitoring results are highly dependent upon groundwater flow direction, monitor well placement, and the geometry of the ZVI emplacement.

Figure C-3-8 shows that TCE concentrations in W-2612 decreased from 220 µg/L in February 2014 to 71 µg/L in January 2020 while *cis*-1,2-DCE concentrations increased to a maximum of 80 µg/L in September 2017 before declining to 3.1 µg/L by January 2020. In June 2020, after continuous purging from W-2612 was suspended for three months, TCE further declined to 5 µg/L alongside a concomitant increase of *cis*-1,2-DCE to 130 µg/L, which far exceeds 10% of the initial TCE concentration that may have been degraded by abiotic hydrogenolysis through contact with the ZVI surface (Orth and Gillham 1996). Therefore, *cis*-1,2-DCE generation near this well is attributed to the biotic degradation of TCE, presumably due to the fermentation of the guar gum introduced with the inclusion fluid. By July 2020, after purging from W-2612 resumed, TCE concentrations rebounded to 66 µg/L while *cis*-1,2-DCE decreased to 7.4 µg/L. Since groundwater extraction from W-2201 ceased in July 2020, TCE concentrations have remained relatively constant before declining from 75 µg/L in January 2025 to 38, 33, and 38 µg/L in April, July, and October 2025, respectively. *cis*-1,2-DCE concentrations in W-2612 also remained stable at concentrations ranging from 0.69 to 0.99 µg/L in 2025.

TCE concentrations in W-2611 decreased from 200 µg/L in March 2015 to 160 µg/L in January 2016. After the purge method was changed at W-2612, concentrations further declined to a low of 59 µg/L in July 2017 before rebounding to 120 µg/L in June 2020. Figure C-3-9 shows that, after securing W-2201 in July 2020, concentrations decreased to 64 µg/L in April 2023 before subsequently rebounding to 100 µg/L in January 2025, followed by detections of 86 µg/L in April, 58 µg/L in July, and 90 µg/L in December 2025. Reductive dechlorination products have also been recently detected in W-2611, including *cis*-1,2-DCE, which has been detected since October 2023 and reached a 2.8 µg/L historical maximum in October 2025, as well as vinyl chloride, which was detected for the first time at 0.65 µg/L in April 2025. Chloride data from the well also suggests geochemical changes: chloride levels in W-2611 significantly increased starting in 2020, reaching concentrations considerably above baseline levels, as depicted in Figure C-3-4. While elevated chloride suggests the arrival of ZVI-impacted groundwater at the well, analytical results from W-2611 also indicate that extraction from W-2201 dilutes groundwater arriving at W-2611 with untreated groundwater originating from outside of the ZVI cell. As previously noted, these concentration trends indicate that performance-monitoring results are highly dependent upon groundwater flow direction, monitor well placement, and the geometry of the ZVI emplacement.

Figure C-3-10 shows that TCE concentrations in W-1212 declined from 270 µg/L in March 2015 to 140 µg/L in January 2016. Following the change in purge method at W-2612, TCE continued to decline

and reached a low of 45 µg/L in April 2019. However, concentrations rebounded and reached 100 µg/L in July 2020 and, after securing W-2201, increased slightly to 120 µg/L in October 2022. Concurrent with this well's sharp increase in chloride concentrations in 2023 and 2024, TCE concentrations significantly decreased and reached a historical low of 14 µg/L in April 2024 before increasing again to 91 µg/L in October 2025. *cis*-1,2-DCE has been detected four times at W-1212: 0.52 µg/L in October 2023, 0.63 µg/L in July 2024, 0.53 µg/L in January 2025, and 0.77 µg/L in April 2025. In the absence of *cis*-1,2-DCE and vinyl chloride, ethane detections ranging from 6.5 µg/L (between 2017–2018) to 1.8 µg/L (in 2020) are attributed to chemical degradation processes associated with groundwater coming into contact with the ZVI panels, as further evidenced by elevated chloride levels observed in 2023 and 2024.

Vinyl chloride was detected in W-1212 for the first time in January 2021 and again in October 2021, although at low concentrations of 0.78 and 0.54 µg/L, respectively. Vinyl chloride can be produced as a result of biodegradation (if *Dehalococcoides mccartyi* microorganisms are present) or more likely through abiotic hydrogenolysis, given that the low vinyl chloride concentrations are less than 10% of the initial TCE typically degraded by abiotic hydrogenolysis (Orth and Gillham 1996). Although TCE dechlorination may take place sequentially on the ZVI surface, simultaneous detections of chlorinated degradation products suggest otherwise (Orth and Gillham 1996), possibly explaining why *cis*-1,2-DCE has not been observed in W-1212 when vinyl chloride and ethane have. Vinyl chloride is further susceptible to be reductively dechlorinated to ethene in the presence of high iron concentrations (Tobiszewski and Namiesnik 2012).

As shown in Figure C-3-11, hexavalent chromium levels significantly decreased as a result of reducing conditions in W-2612, W-1212, and W-2611. In W-2612, concentrations decreased from 0.03 mg/L in November 2014 to below the 0.002 mg/L reporting limit in August 2016 and, with the exception of a few detections, have remained below the reporting limit since. Concurrently, concentrations in W-1212 declined from 0.042 mg/L in December 2014 to blow the 0.002 mg/L reporting limit in January 2025. Similar results were observed in W-2611, where hexavalent chromium concentrations declined from 0.031 mg/L in November 2014 to below the 0.002 mg/L reporting limit in May 2021 and have remained non-detect with the exception of one 0.0046 mg/L detection in January 2025.

Since March 2016, approximately 29,577 gal—equivalent to approximately 585% of one-pore-volume of a ZVI "cell"—have been purged from W-2612. Chloride concentrations trends over time may help explain the changing geochemistry and groundwater flow with respect to the ZVI panels. As shown in Figure C-3-4, chloride concentrations in W-1212 and W-2612 began decreasing in 2017, indicating the that the inclusion fluid utilized during the emplacement process is depleting and groundwater originating from outside the ZVI "cell" through the ZVI panels is circulating. However, chloride concentrations in W-1212 started to increase significantly from 2022 to 2024, suggesting that this well was once again monitoring groundwater impacted by the ZVI panels; concentrations declined in 2024 and 2025.

After securing W-2201, chloride concentrations in W-2611 increased rapidly in 2020, following a similar pattern observed in W-1212; this result also indicates that W-2611 is now detecting groundwater impacted by the ZVI panels. Chloride concentrations in W-2201 have also remained elevated since 2020, suggesting that this well is also monitoring primarily groundwater impacted by the ZVI panels as opposed to groundwater captured from outside of the treatment "cell" during active extraction. Chloride concentrations in downgradient extraction wells W-1213 and W-3107 also began increasing significantly

in January 2020, indicating that these wells capture and hydraulically contain groundwater migrating downgradient from the TFC Hotspot treatment zone.

To sum, performance-monitoring data collected from wells W-2612, W-2611, and W-1212 demonstrate that TCE concentrations in the TFC Hotspot source area continued to slowly decline or remain relatively stable in 2025. In W-1212, TCE concentrations reached a historic low of 14 µg/L in April 2024 but subsequently increased to 91 µg/L by October 2025. Ongoing monitoring in 2026 will help determine whether this increase represents a sustained trend or temporary variability in groundwater conditions. The chemical and geochemical trends in these wells illustrate that both biotic and abiotic processes associated with ZVI emplacement are contributing to the *in situ* reduction of TCE alongside groundwater extraction at W-2201, which is also helping reduce concentrations when operational.

Thus far, comparisons of TCE concentrations measured between 2014 and 2015 and in 2025 indicate that remedial actions have resulted in 83%, 55%, and 66% reductions of TCE in W-2612, W-2611, and W-1212, respectively. A similar a 69% reduction was also observed in downgradient extraction well W-1213 where TCE concentrations declined from 25 µg/L in November 2014 to 7.8 µg/L in October 2025. TCE concentrations also declined by 32% in downgradient extraction well W-3107 from 28 µg/L in September 2015 to 19 µg/L in October 2025, although this well is screened 10 to 15 feet below the lower ZVI panels.

C-3-4.2. Performance Monitor Boreholes B-3771, B-3772, and B-3773

In September 2021, performance monitor boreholes B-3771, B-3772, and B-3773 were drilled, and soil core samples for VOC analysis were collected between depths of 68.0 and 78.7 ft-bgs, 58.4 and 69.0 ft-bgs, and 72.0 and 81.0 ft-bgs, respectively. ZVI samples for mineralogical analyses were also collected from an upper vertical ZVI panel at 68.5 ft-bgs in B-3772 and a lower vertical ZVI panel at 76.5 ft-bgs in B-3771.

Variation in lithology from silty clay to sandy silt with minor amounts of sand and sandy gravel indicates a moderate degree of heterogeneity in the TFC Hotspot source area, the saturated zone of which consists mainly of low- to medium-permeability sediments with lesser amounts of high-permeability strata.

Analytical results showed that VOCs were non-detect (i.e., <0.0032 milligrams per kilogram [mg/kg] to <0.0062 mg/kg) in all 17 soil core samples collected from B-3771. TCE was detected at low concentrations between 0.0039 and 0.0073 mg/kg in 6 of the 15 soil samples collected from B-3772 as well as between 0.0038 and 0.0130 mg/kg in 11 of the 12 soil samples collected from B-3773. No other VOCs were detected above their respective reporting limits in any soil sample collected from B-3772 and B-3773.

Since the upper and lower ZVI panel fractures have presumably higher permeability than the native low-permeability formation, groundwater flow is routed through the panel's reactive ZVI material, increasing contact between the contaminants and ZVI. Pre- and post-implementation hydraulic tests of the area wells indicated no significant changes in local hydraulic conductivity attributable to the ZVI emplacement process.

However, preliminary mineralogical data suggest that ZVI has weathered since emplacement. This deterioration is expected, given that the ZVI is being oxidized both through reactions with contaminants and with water. Specifically, iron particles of the reactive material examined from the upper vertical ZVI panel at 68.5 ft-bgs in B-3772 and the lower vertical ZVI panel at 76.5 ft-bgs in B-3771 were shown to be almost completely covered with orange surface deposits. Elemental X-ray intensity maps showed that oxygen was uniformly distributed on both iron particle samples when compared to an unreacted control

ZVI sample. Additionally, the deposits on the ZVI reactive material showed a more pronounced distribution of silicon and aluminum compared to the unreacted control ZVI sample, with the sample taken from B-3772 at 68.5 ft-bgs having the highest amounts.

The XRD analysis identified high amounts of iron oxides, such as hematite or maghemite (Fe_2O_3), magnetite (Fe_3O_4), and forms of iron hydroxides (FeOOH), on both the upper and lower panel samples. Other identified minerals were consistent with quartz (SiO_2) and albite ($NaAlSi_3O_8$), correlating with greater levels of aluminum and silicon observed by SEM/EDX on both reactive material samples. The estimated thickness of the oxide coating on samples taken from B-3772 at 68.5 ft-bgs and from B-3771 at 76.5 ft-bgs were very similar, with 13.9 and 16.1 micrometers, respectively. Similar corrosion patterns have been reported by others, including Phillips et al. (2010) and Gue et al. (1999).

Overall results generally indicate that the remaining iron is weathered, and reduced mineral surfaces, such as iron sulfides, that may provide secondary reactivity to the ZVI and aid in the continued abiotic degradation of TCE were not identified.

In 2026, DOE/LLNL plans to continue analytical sampling and measurements of groundwater field parameters at the performance monitor wells. The sampling frequency will be set against responses to changing conditions in the field. Further analysis and interpretation of post-implementation performance-monitoring data will be presented during remedial project manager meetings in 2026 and within subsequent status reports.

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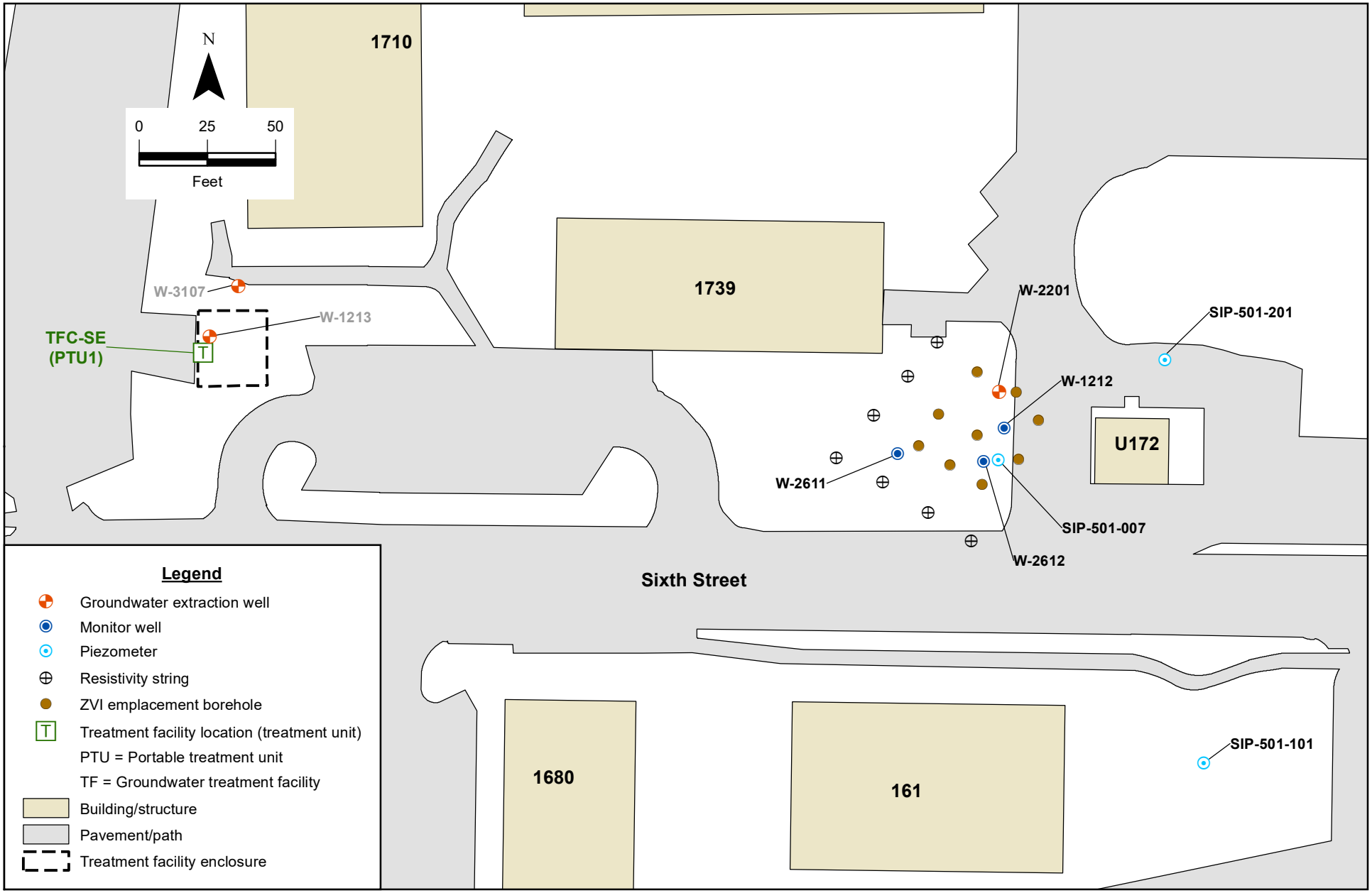

Figure C-3-1. TFC Hotspot enhanced source area remediation (ESAR) treatability test site and well locations.

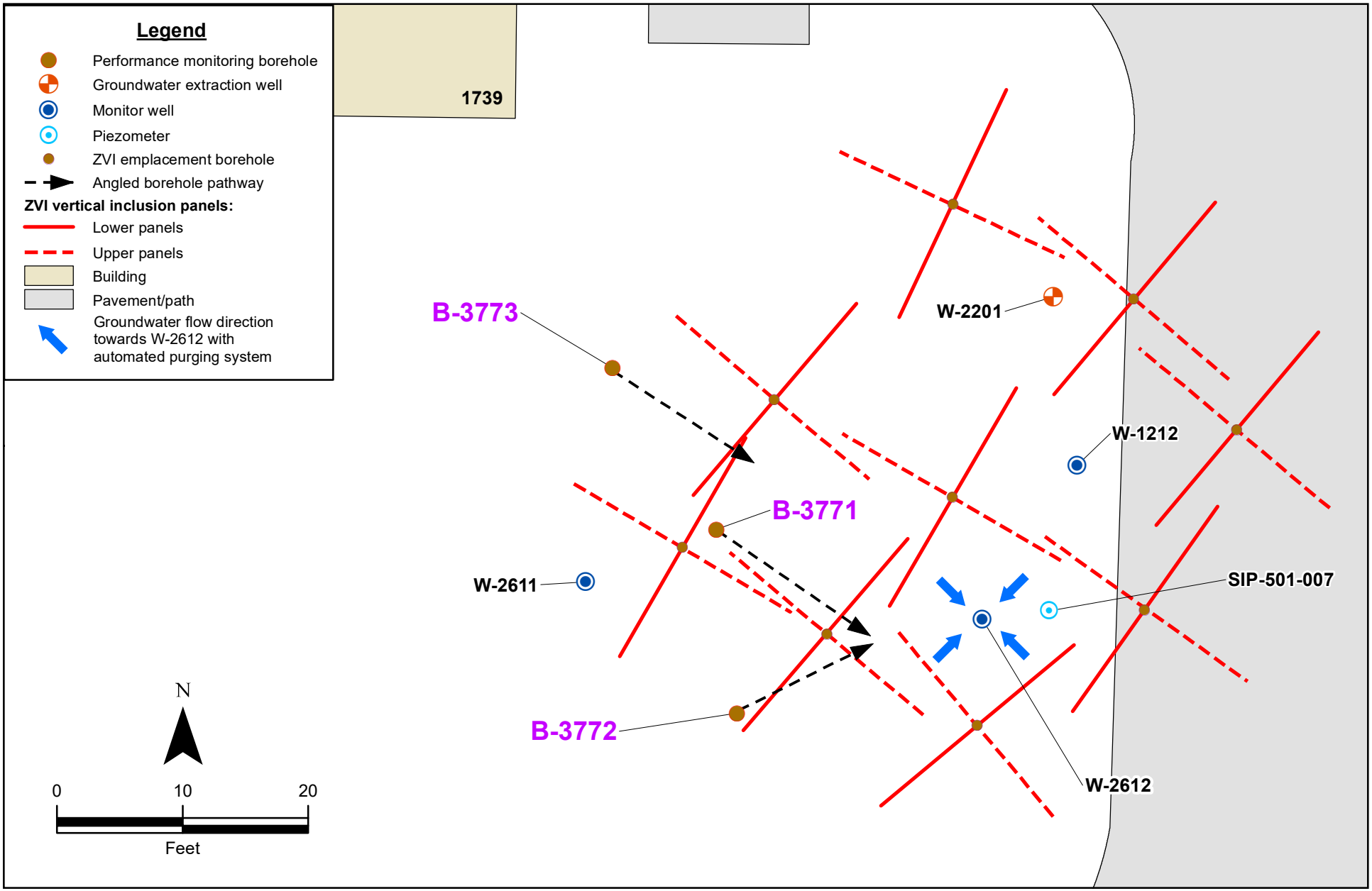

Figure C-3-2. TFC-HS performance-montoring borehole locations B-3771, B-3772, and B-3773.

Figure C-3-3. Automated solar-powered purging system deployed at performance monitor well W-2612.

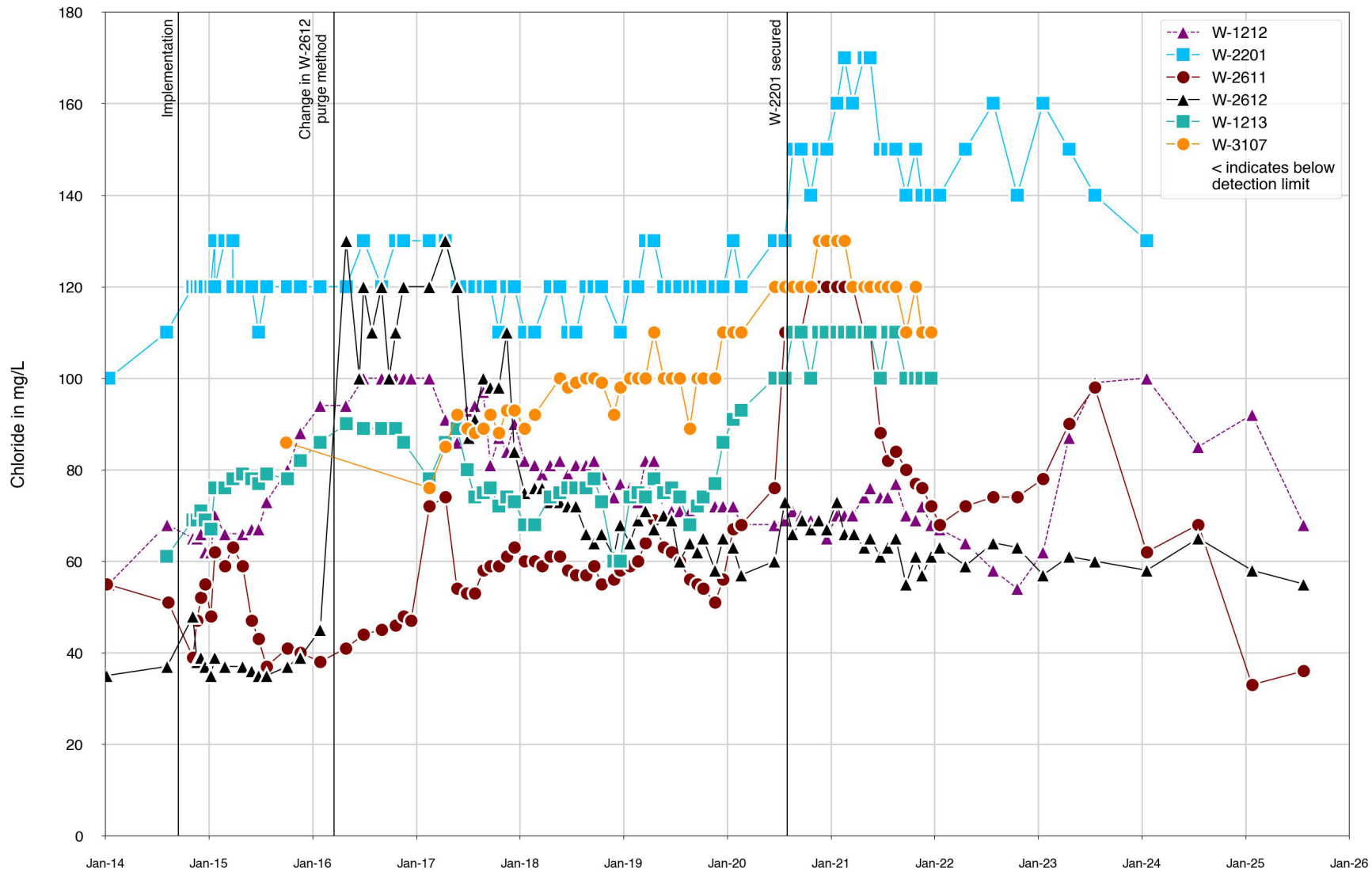

Figure C-3-4. Chloride concentration trends at TFC Hotspot performance monitor wells W-1212, W-2611, and W-2612 and extraction wells W-1213, W-2201, and W-3107.

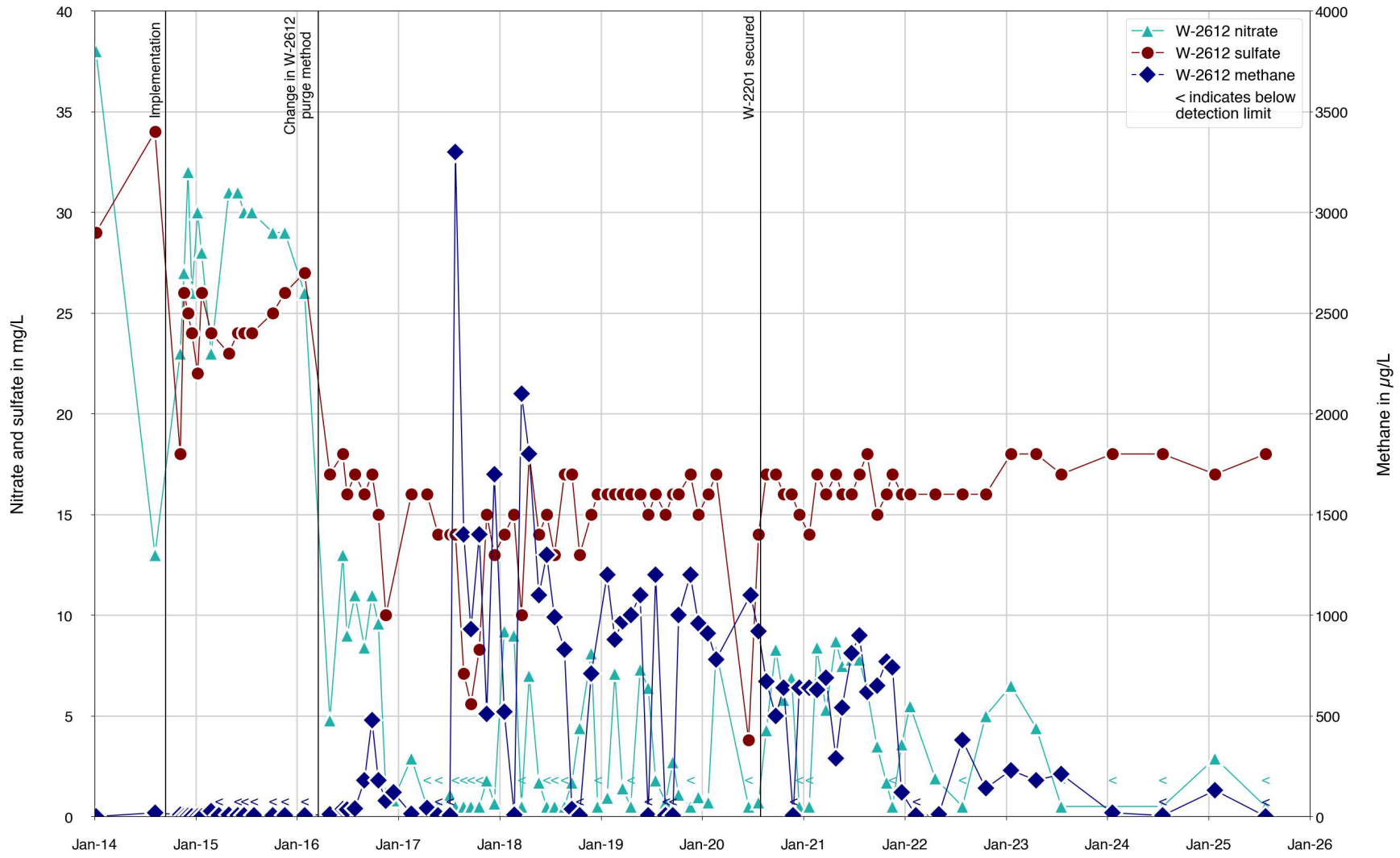

Figure C-3-5. Nitrate, sulfate, and methane concentrations in TFC Hotspot performance monitor well W-2612.

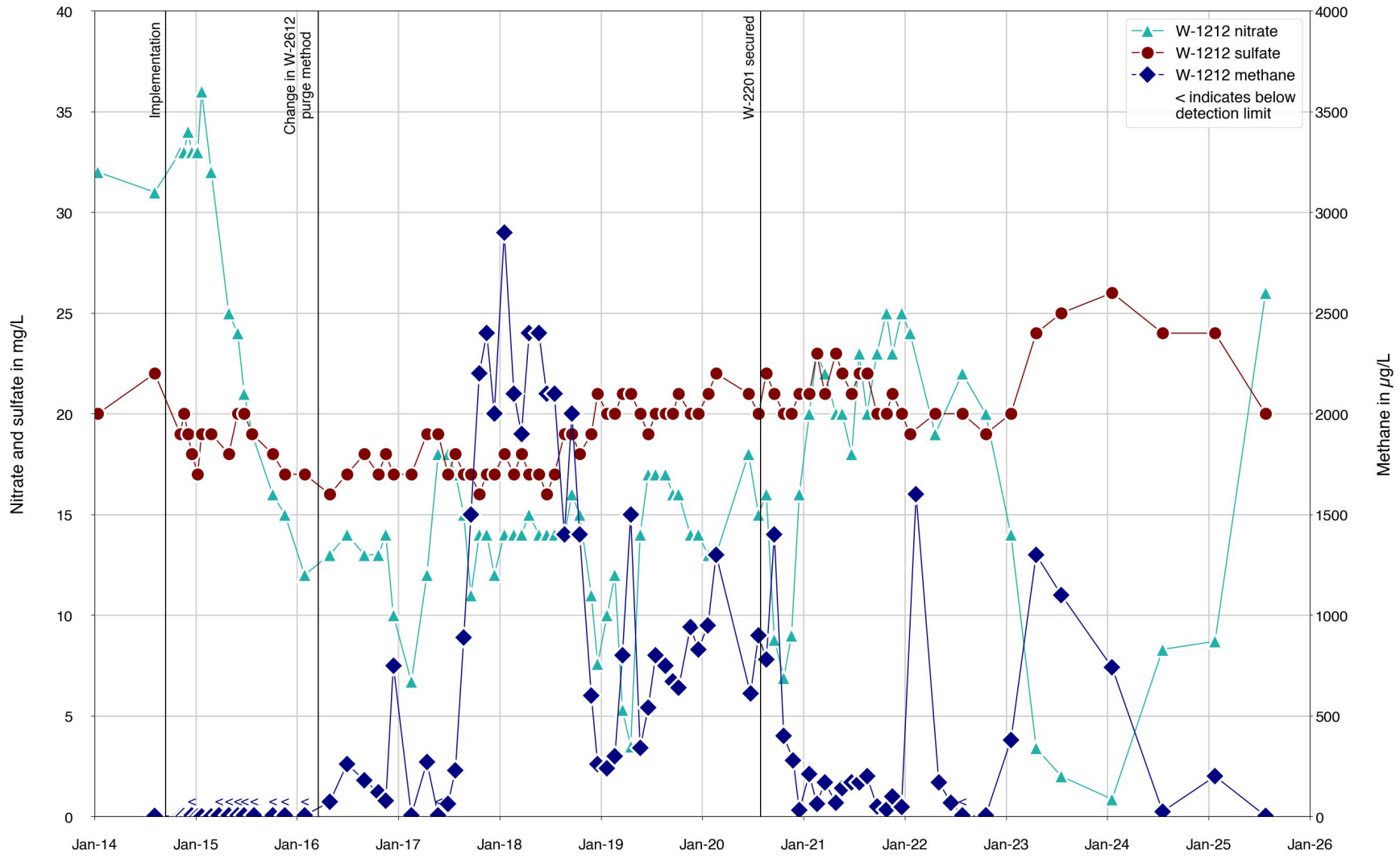

Figure C-3-6. Nitrate, sulfate, and methane concentrations in TFC Hotspot performance monitor well W-1212.

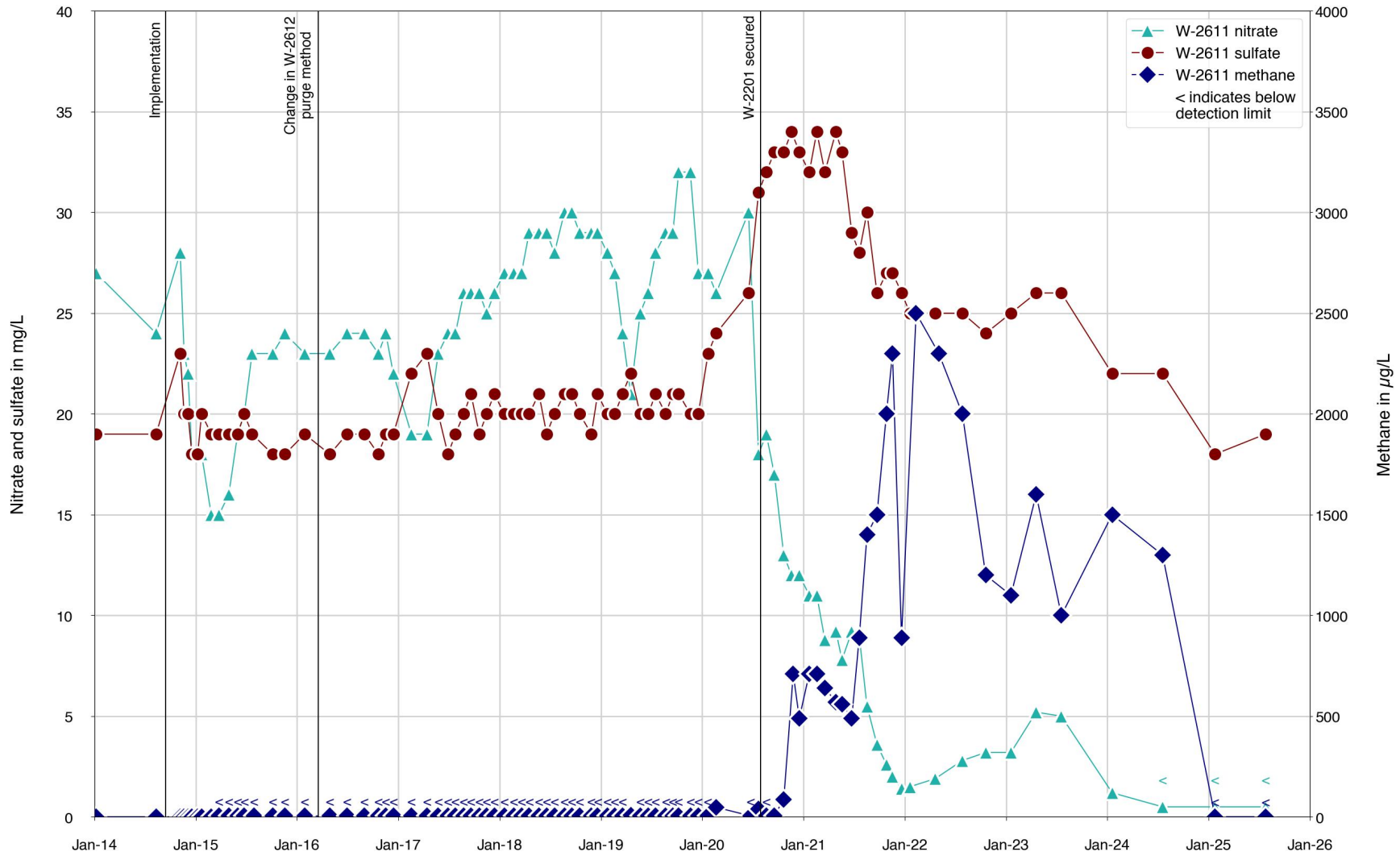

Figure C-3-7. Nitrate, sulfate, and methane concentrations in TFC Hotspot performance monitor well W-2611.

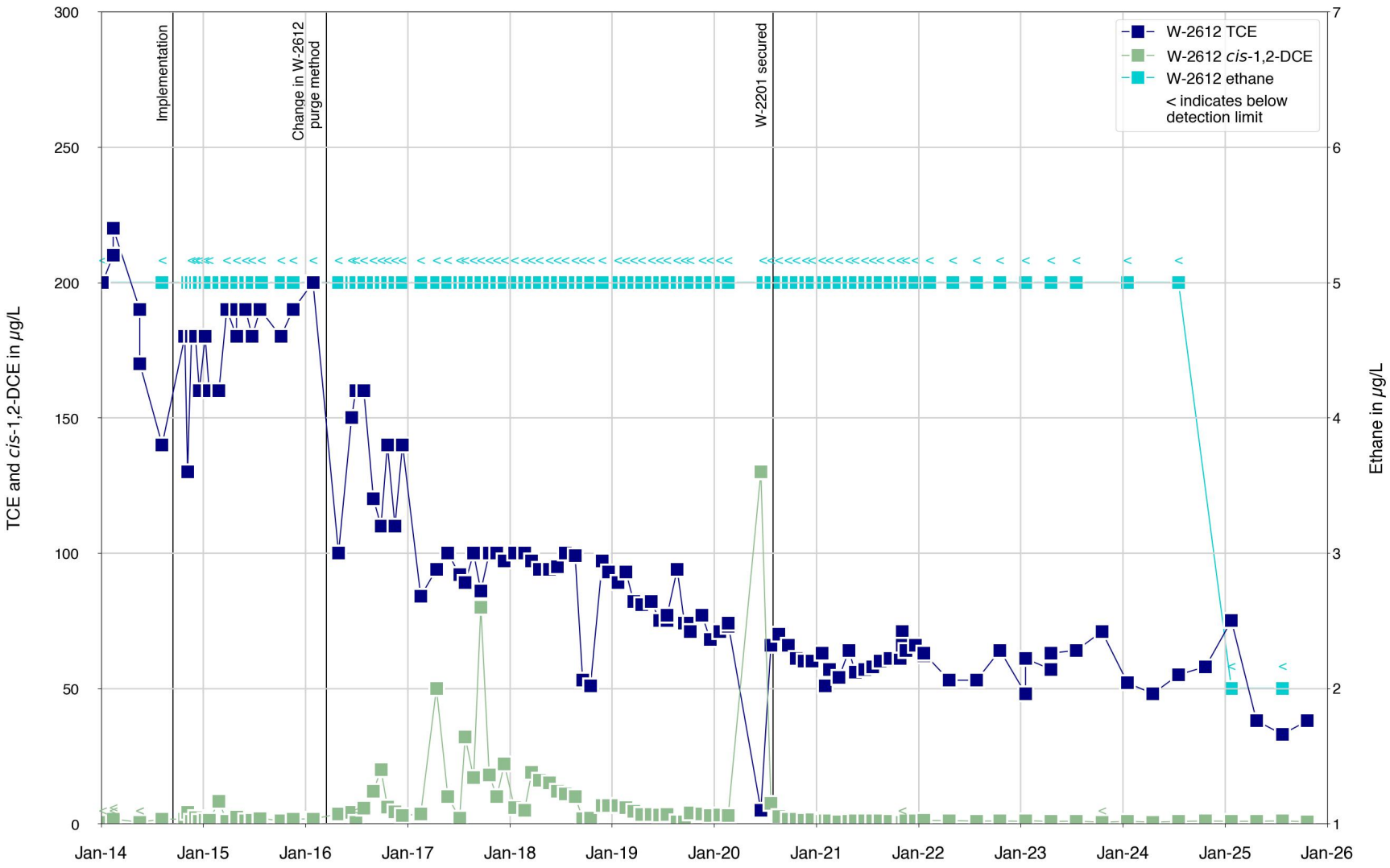

Figure C-3-8. TCE, *cis*-1,2-DCE, and ethane concentration trends at TFC Hotspot performance monitor well W-2612.

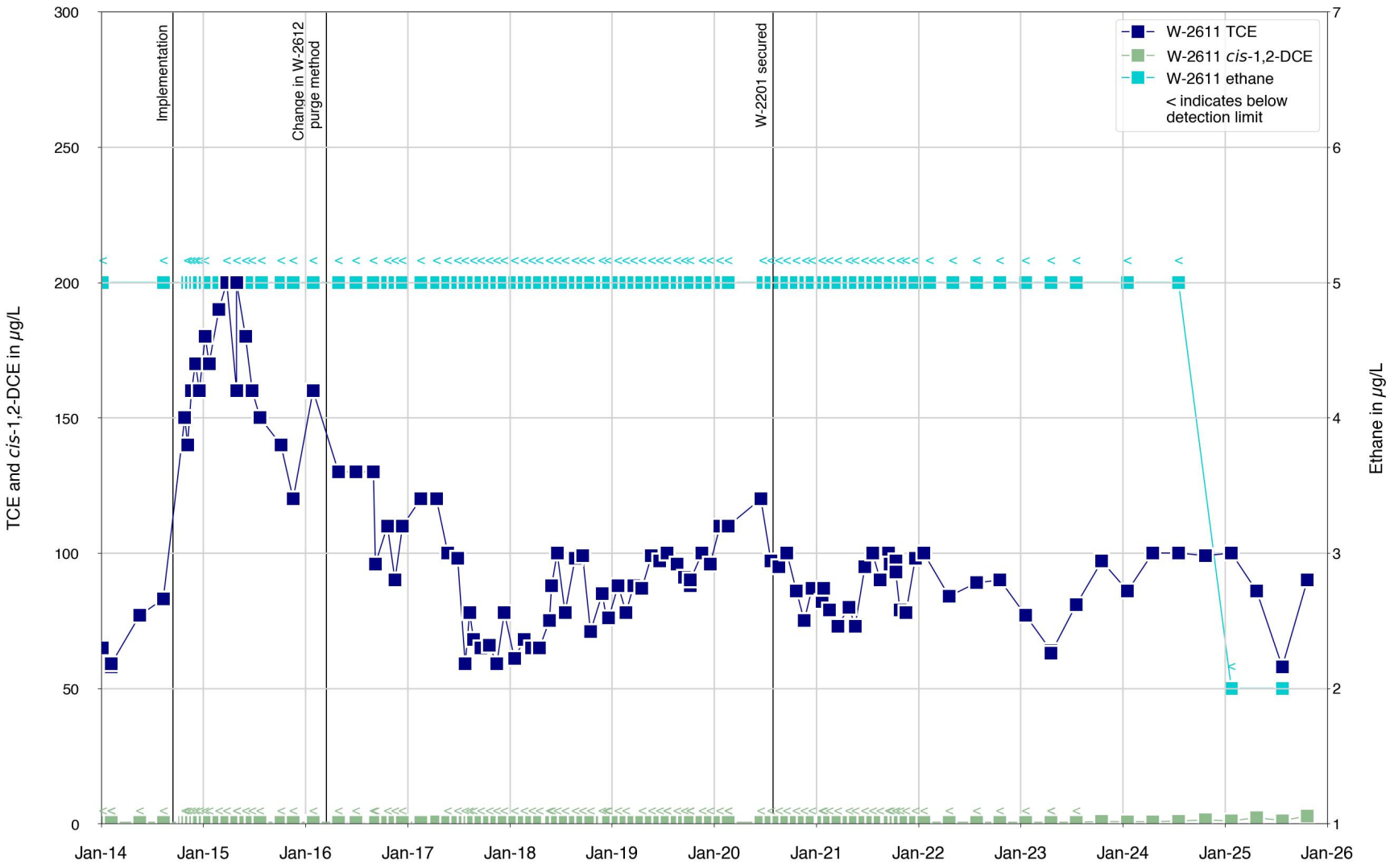

Figure C-3-9. TCE, *cis*-1,2-DCE, and ethane concentration trends at TFC Hotspot performance monitor well W-2611.

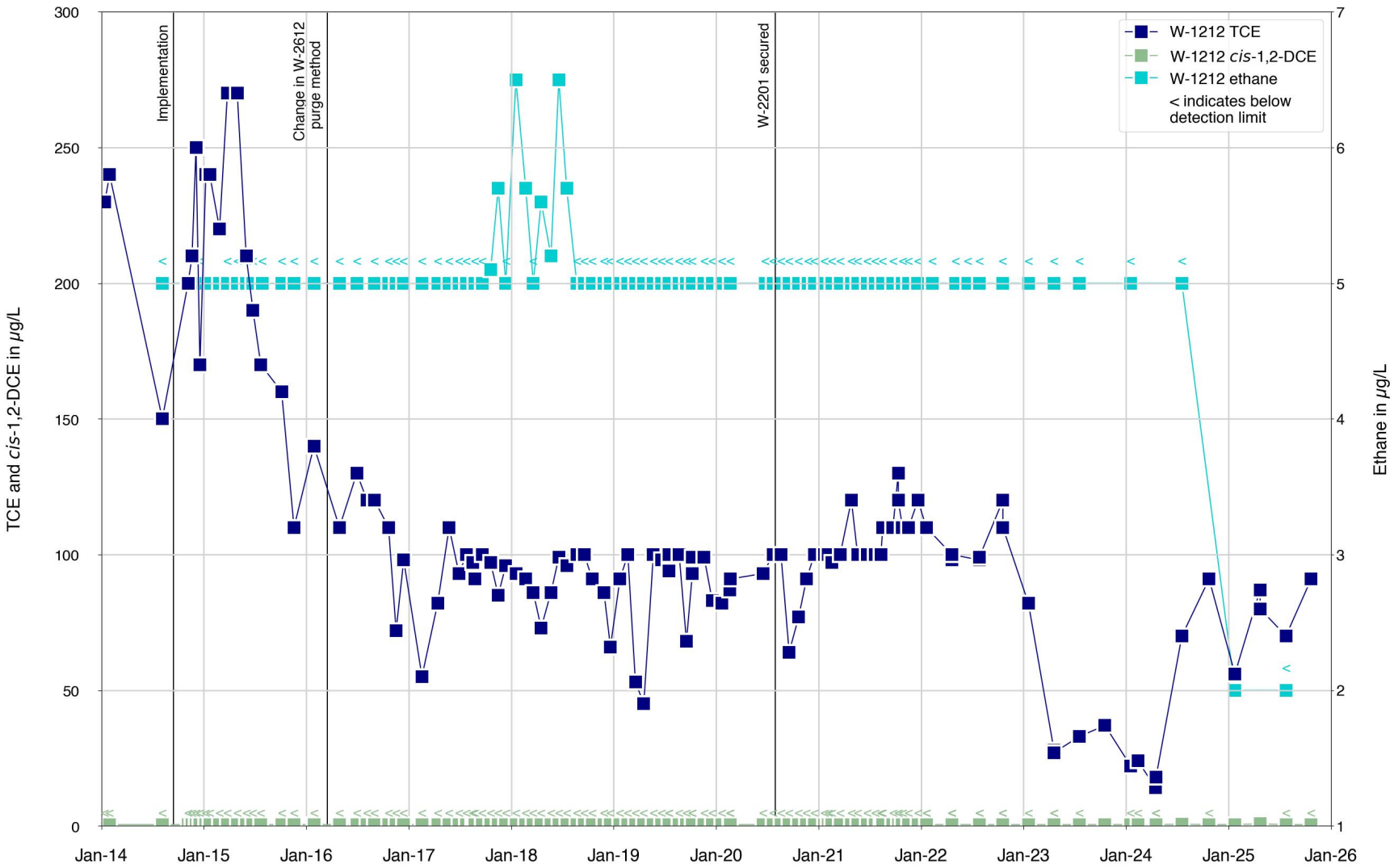

Figure C-3-10. TCE, cis-1,2-DCE, and ethane concentration trends at TFC Hotspot performance monitor well W-1212.

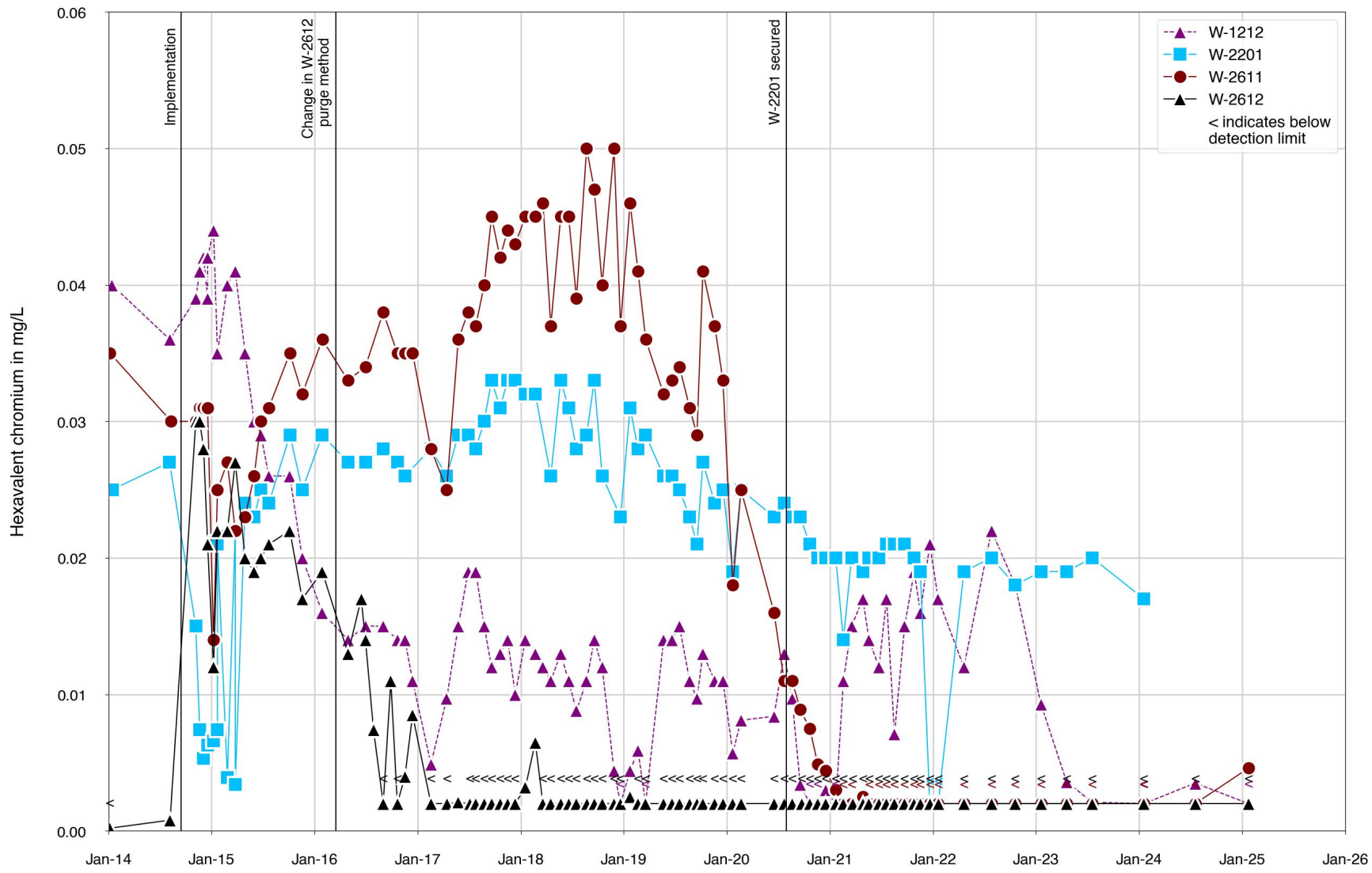

Figure C-3-11. Hexavalent chromium concentration trends at TFC Hotspot performance monitor wells W-1212, W-2611, and W-2612 and extraction well W-2201.

Appendix D

Compliance Review

D-1. Compliance Issues and/or Unplanned Releases at Livermore Site

This appendix reviews compliance issues at treatment systems and/or unplanned releases that occurred at Lawrence Livermore National Laboratory (LLNL) Livermore Site in 2025.

D-1.1. Compliance Issues

In 2025, there was one compliance issue a treatment system at the Livermore Site, which is detailed in Table D-1.

D-1.2. Unplanned Releases

In 2025, there were two unplanned releases of untreated condensate water at the Livermore Site, which are detailed in Tables D-2 and D-3.

Tables

Table D-1. Operational days between Bay Area Air District air readings at Treatment Facility C.

Operable unit	Livermore Site (OU1)
Date of discovery	June 22, 2025
Duration of non-compliance	May 1 to May 29, 2025
Location	TFC
Cause of non-compliance	Treatment facility was secured for repair when routinely scheduled BAAD readings would normally have been collected.
Nature of non-compliance	Operational days between air readings were more than 31 days
Volume released	No releases due to non-compliance
Contaminants of concern	VOCs
Mass released	VOCs: 0 g (all VOCs below instrument reporting limits)
Initial actions to correct non-compliance	NA
Where did the released contents go	NA
Did the release impact a water body or the environment (include impacts)	NA
Estimated size of impacted area	NA
Corrective action and improvement to prevent recurrence	Reviewed and updated treatment facility restart procedure.
Agency notifications	ERD informed LLNL's air permit managers: June 26, 2025

TFC operates under BAAD permit source #3698 as unit #3496 and carbon adsorption #4183. According to item #4 of permit condition #25541, air readings are to be collected once every 31 days of operation.

Routine air readings were collected at TFC on April 2 and May 29, 2025, and all air readings on these dates were <1 ppmv. However, on May 1, 2025, a routinely scheduled air reading was inadvertently missed, because the treatment facility was secured for maintenance on April 22 and not restarted until May 7. Thus, the facility was off when the air reading would have been collected on May 1.

With the facility downtime considered, there were 45 operational days between the air readings taken on April 2 and May 29. After the exceedance of operational days between air readings was discovered during ERD's review of treatment facility SMRs, ERD informed LLNL's air permit managers on June 26. The following table presents the results of the two air readings, demonstrating that there were no abatement issues.

Date	Inlet to second-to-last carbon (ppmv)	Inlet to last carbon (ppmv)	Outlet of last carbon (ppmv)	Comments[a]
4/2/2025	<1.0	<1.0	<1.0	CF1I, 1CF-2I, CF1E
4/2/2025	<1.0	<1.0	<1.0	CF2I, 2CF-2I, CF2E
5/29/2025	<1.0	<1.0	<1.0	CF1I, 1CF-2I, CF1E
5/29/2025	<1.0	<1.0	<1.0	CF2I, 2CF-2I, CF2E

Notes:

[a] This facility is equipped with two air strippers connected in series. Each air stripper is served by a carbon adsorption system consisting of two carbon canisters connected in series. Air readings associated with the carbon adsorption systems for the two air strippers are identified as CF1I, 1CF-2I, CF1E and CF2I, 2CF-2I, CF2E, respectively.

Notes:

g = gram; ppmv = parts per million by volume; BAAD = Bay Area Air District; ERD = Environmental Restoration Department;; LLNL = Lawrence Livermore National Laboratory; OU = operable unit; SMR = self-monitoring report; TFC = Treatment Facility C; VOC = volatile organic compound.

Table D-2. Untreated condensate water release at Treatment Facility E Southeast.

Operable unit	Livermore Site (OU1)
Date of discovery	December 1, 2025
Duration of release	December 1, 2025
Location	TFE-SE
Cause of release	Broken bucket handle
What was released	Untreated condensate water
Volume released	1.25 gal
Contaminants of concern	VOCs
Mass released	VOCs: 0.0006 g
Initial actions to stop and contain the release	Adsorbent mats were deployed to soak up spilled condensate water
Where did the released contents go	Concrete and asphalt
Did the release impact a water body or the environment (include impacts)	No, released condensate water stayed on concrete and asphalt in the immediate area.
Estimated size of impacted area	Approximately 1 ft x 10 ft
Corrective action and improvement to prevent recurrence	Reviewed and updated condensate removal procedures
Agency notifications	DOE: December 2, 2025 SFRWQCB: December 2, 2025

On December 1, 2025, a release of approximately 1.25 gal of untreated condensate water occurred at LLNL Livermore Site groundwater treatment facility TFE-SE.

The condensate water that had accumulated in the vapor phase GAC canisters was drained to a bucket. When the bucket was picked up, the handle on the bucket broke, causing the water to spill onto the surrounding cement and asphalt. The release stayed on the concrete and asphalt in the immediate area and did not reach a waterway.

Because the water spilled was condensate water that had accumulated in the vapor phase GAC canister, the latest concentration of TVOC from extraction well W-359 was conservatively used to estimate the contaminant concentration, which is 134.3 µg/L. Based on the estimated spill volume and TVOC concentration, approximately 0.0006 g of VOCs were released to the concrete and asphalt.

The substantiative requirements for the Livermore Site CERCLA groundwater cleanup project requires a 24-hour notification to the regional water quality control board when the TVOC concentration of the released water exceeds 100 µg/L.

On December 2, 2025, DOE/LLNL notified the SFRWQCB via telephone, meeting the 24-hour notification requirement. DOE/LLNL also provided an email summary to the water board on December 2, 2025, meeting the five-day written summary requirement.

Notes:

g = gram; gal = gallon; µg/L = micrograms per liter; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; COC = contaminants of concern; DOE = U.S. Department of Energy; GAC = granular activated carbon; LLNL = Lawrence Livermore National Laboratory; OU = operable unit; SFRWQCB = San Francisco Regional Water Quality Control Board; TFE-SE = TFE Southeast; TVOC = total volatile organic compounds; VOC = volatile organic compounds.

Table D-3. Untreated condensate water release at Vapor Treatment Facility 518 Perched Zone.

Operable unit	Livermore Site (OU1)
Date of discovery	December 1, 2025
Duration of release	December 1, 2025
Location	VTF518-PZ
Cause of release	Plug on condensate knockout tank failed
What was released	Untreated condensate water
Volume released	8 gal
Contaminants of concern	VOCs
Mass released	VOCs: 0.008 g
Initial actions to stop and contain the release	Adsorbent mats were deployed to soak up spilled condensate water
Where did the released contents go	Concrete and asphalt
Did the release impact a water body or the environment (include impacts)	No, released condensate water stayed on concrete and asphalt in the immediate area
Estimated size of impacted area	Approximately 5 ft x 5 ft
Corrective action and improvement to prevent recurrence	Replaced plug on condensate knockout tank
Agency notifications	DOE: December 2, 2025 SFRWQCB: December 2, 2025

On December 1, 2025, a release of approximately 8 gallons of untreated condensate water occurred at LLNL Livermore Site soil vapor treatment facility VTF518-PZ.

The plug on the condensate knockout tank failed and caused the condensate water to spill onto the surrounding cement and asphalt.

The release stayed on the concrete and asphalt in the immediate area and did not reach a waterway.

As the water spilled was condensate water that had accumulated in the knockout tank from the extraction wellfield vapor stream, the highest concentration of each individual VOC from the latest water samples collected from the extraction wells in 2025 was conservatively used to estimate the contaminant concentration, which is 279.3 µg/L total VOCs. Based on the estimated spill volume and TVOC concentration, approximately 0.008 g of VOCs were released to the concrete and asphalt.

The substantiative requirements for the Livermore Site CERCLA groundwater cleanup project requires a 24-hour notification to the regional water quality control board when the TVOC concentration of the released water exceeds 100 µg/L.

On December 2, 2025, DOE/LLNL notified the SFRWQCB via telephone, meeting the 24-hour notification requirement. DOE/LLNL also provided an email summary to the water board on December 2, 2025, meeting the five-day written summary requirement.

Notes:

ft = feet; g = gram; gal = gallon; µg/L = micrograms per liter; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; COC = contaminants of concern; DOE = U.S. Department of Energy; LLNL = Lawrence Livermore National Laboratory; OU = operable unit; SFRWQCB = San Francisco Regional Water Quality Control Board; TVOC = total volatile organic compounds; VOC = volatile organic compounds; VTF518-PZ = VTF518 Perched Zone.

Appendix E

LLNL Land Use Control Monitoring Checklist for 2025

The land use control monitoring checklist is used to monitor institutional and engineered controls that help prevent exposure to contamination at the Livermore Site. This checklist has been taken from Table 2 of the *Final Explanation of Significant Differences for Land Use Controls, Lawrence Livermore National Laboratory, Livermore Site* (ERD 2014) and is completed at least annually. The results are included in annual reports for the Livermore Site groundwater project.

Institutional Control	Status[a]	Explanation/Observation of Corrective Action
Verify that fences and warning signs at the site boundary and control entry are in proper condition.	Yes	Inspections of the Livermore Site perimeter are conducted daily by LLNL security. All items have been verified on 12/22/2025.
Verify that LLNL excavation permit and site evaluation processes are in place and followed.	Yes	LLNL Procedure Series 2725 is in place and process is followed.[b]
Verify that SNL excavation permit and site evaluation processes are in place and followed.	Yes	Procedure Series 2725 is in place and process is followed.[b]
Verify that Zone 7's well-permitting process is in place and that communication between LLNL and Zone 7 is still in place.	Yes	DOE/LLNL continues to comply with Zone 7 guidelines for proper well permitting and decommissioning. In 2025, no offsite drilling activities warranted communication with Zone 7.
Verify that the environmental repository at the Livermore Public Library and LLNL's Office of Strategic Communications, formerly known as Public Affairs Office, website (https://enviroinfo.llnl.gov/) is maintained and updated as appropriate.	Yes	Pursuant to *Update to 2010 "Revised Guidance on Compiling Administrative Records for CERCLA Response Actions' and Questions and Answers Regarding Implementation of the 'National Oil and Hazardous Substances Pollution Contingency Plan; Revision to Increase Public Availability of the Administrative Record File" Final Rule* (EPA 2016), administrative records are available by request, and regulatory documents are available electronically at https://erd.llnl.gov/library/.

Notes:

[a] Satisfactory status is indicated by "Yes." Unsatisfactory status is indicated by "No" and requires explanation. The Inspector shall immediately notify the environmental restoration project leader of any unsatisfactory status.

[b] "Procedure Series 2725: Management of Soil and Debris" is an LLNL institutional procedure. Workers must comply with the procedures in this document to fulfill environmental requirements governing the handling, transportation, and disposal of potentially contaminated soil and debris.

DOE = Department of Energy; LLNL = Lawrence Livermore National Laboratory; SNL = Sandia National Laboratory; Zone 7 = Alameda County Zone 7 Water Agency.

References:

EPA (U.S. Environmental Protection Agency). 2016. Memorandum titled "Update to 2010 'Revised Guidance on Compiling Administrative Records for CERCLA Response Actions' and Questions and Answers Regarding Implementation of the 'National Oil and Hazardous Substances Pollution Contingency Plan; Revision to Increase Public Availability of the Administrative Record File' Final Rule." Washington, D.C.: EPA.

ERD (Environmental Restoration Department). 2014. *Final Explanation of Significant Differences for Land Use Controls, Lawrence Livermore National Laboratory, Livermore Site*. Livermore, CA: LLNL.

Inspected by:

Zafer DEMIR

Zafer Demir

Date: 12/22/2025

Print Name

Signature

Appendix F

Vapor Intrusion

Appendix F-1

Vapor Intrusion
Building Prioritization

F-1-1. Introduction

This appendix contains the annual update to the building priority list for the Lawrence Livermore National Laboratory (LLNL) Livermore Site.

The building prioritization uses the most recent groundwater screening levels and highest concentration in groundwater within 100 feet of a building footprint. The highest concentration in groundwater was determined by selecting the higher value of either the concentration measured in a nearby well between January 1, 2021, and December 31, 2025, or the plume concentration based on groundwater plumes presented in the *LLNL Groundwater Project 2016 Annual Report* (McKereghan et al. 2017).

Presented as part of this appendix, the following tables and figure detail the approach used to prioritize and rank buildings at the Livermore Site according to their potential for vapor intrusion from subsurface contamination into indoor air.

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

This table presents the maximum concentration for each contaminant of concern (COC) that exceeded the groundwater screening value in samples collected from wells completed in the first water-bearing zone within 100 feet of a building footprint between January 1, 2021, and December 31, 2025. Each COC's maximum concentration for each building is also presented on the same row as the building number. If there is no concentration data presented for a well, the well was not sampled during the data review period. If there is no concentration data presented for a building, there are no wells in the first water-bearing zone within 100 feet of that building's footprint or the associated wells were not sampled during the data review period. If the value is zero, the concentration of the COC is below the detection limit.

The analysis included all COCs known to have any measured concentrations above the U.S. Environmental Protection Agency (EPA) vapor intrusion screening level (VISL) or California Department of Toxic Substances and Control (DTSC) screening values in samples collected from wells completed in the first water-bearing zone within 100 feet of a building footprint. In addition to the COCs listed in Table F-1-1, vinyl chloride and 1,1-dichloroethene exceeded their respective screening levels in several wells completed in the first water-bearing zone within 100 feet of a building footprint. The U.S. Department of Energy (DOE)/LLNL incorporated these wells and COCs in the analysis and determined that the screening level exceedances did not impact the building prioritization.

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

The maximum concentrations in this table are obtained from the detailed concentration data presented in Table F-1-1. If there is no concentration data presented for a building, there are no wells in the first water-bearing zone within 100 feet of that building's footprint or the wells were not sampled between January 1, 2021, and December 31, 2025. If the value is zero, the COC is below the detection limit.

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

If there is no concentration data presented for a building, there is no plume in the first water-bearing zone within 100 feet of that building's footprint. Plume data is based on groundwater plumes presented in the *LLNL Groundwater Project 2016 Annual Report* (McKereghan et al. 2017).

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

The maximum concentrations in this table are obtained by including the highest concentrations from Tables F-1-2 and F-1-3. If there is no concentration data presented for a building, there is no data from wells or plumes in the first water-bearing zone within 100 feet of that building's footprint.

Table F-1-5. Site-specific groundwater screening levels for LLNL.

The groundwater screening levels were determined using site-specific parameters:

- Target cancer risk = 1E-06 or target hazard quotient = 1.0
- Groundwater temperature = 20 degrees Celsius
- Commercial exposure scenario

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

The sum of the individual unitless scores is used to determine a final rank for each building. As shown in Figure F-1-1, a plot of the final rank for each building is used to determine the rank groups based on changes in slope:

Final rank score = Conc(TCE)/SL(TCE) + Conc(PCE)/SL(PCE) + … + Conc(CTET)/SL(CTET)

Where:
- Conc = source concentration in groundwater per Table F-1-4
- SL = Screening level per Table F-1-5
- TCE = trichloroethene, PCE = tetrachloroethene, CTET = carbon tetrachloride. All volatile chemicals exceeding screening levels were used in the ranking.

Figure F-1-1. Distribution of the final rank score for all buildings.

The change in slope in the distribution of the final rank score is used to determine the four rank groups.

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
31						
41		**0**	**0.82**	**0**	**0**	**2.1**
	W-1426	0	0.82	0	0	2.1
71						
111		**0**	**1.4**	**0**	**310**	**14**
	W-116	0	1.4	0	310	14
112						
113						
115						
116						
117						
118						
121						
122						
123						
125						
131		**0**	**7.2**	**0**	**1.5**	**2.1**
	W-147	0	7.2	0	1.5	2.1
133						
134		**0**	**2.6**	**0**	**0**	**0**
	W-213	0	2.6	0	0	0

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
135		**0**	**2.6**	**0**	**0**	**0**
	W-213	0	2.6	0	0	0
140						
141		**1**	**4.2**	**0**	**0**	**80**
	SIP-141-202	0.9	4.2	0	0	80
	SIP-141-203	1	1.6	0	0	23
142						
143						
144		**1.2**	**3.8**	**0**	**0**	**0**
	W-226	1.2	3.8	0	0	0
151						
152						
153						
154						
155						
161		**0**	**3.7**	**0**	**0.56**	**110**
	SIP-501-007	0	2.1	0	0	110
	SIP-501-101	0	3.7	0	0.5	9.3
	W-2611	0	1.6	0	0.56	100
	W-2612	0	1.2	0	0	75
162		**0**	**3.7**	**0**	**0.5**	**9.3**
	SIP-501-101	0	3.7	0	0.5	9.3
	SIP-501-104					
164						
165		**0**	**0**	**0**	**0**	**0**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	SIP-501-102	0	0	0	0	0
166		**0**	**0**	**0**	**0**	**0**
	SIP-501-102	0	0	0	0	0
169		**0**	**2**	**0**	**0.62**	**5.3**
	SIP-501-105	0	2	0	0.62	5.3
170		**0**	**0.66**	**0**	**0**	**0**
	W-706	0	0.66	0	0	0
172		**0**	**4.1**	**1.6**	**1.3**	**130**
	SIP-501-007	0	2.1	0	0	110
	SIP-501-201	0	1.2	1.6	0	110
	W-1212	0	2.8	1.3	0	130
	W-2201	0	4.1	0	1.3	11
	W-2201-1					
	W-2201-2					
	W-2611	0	1.6	0	0.56	100
	W-2612	0	1.2	0	0	75
173						
	SIP-501-103					
174						
	SIP-501-006					
	SIP-501-103					
175		**0**	**0**	**0**	**0**	**4**
	SIP-501-103					
	W-502	0	0	0	0	4
176						
	SIP-501-103					
177						
	SIP-501-006					
179						
181		**0**	**0**	**0**	**0**	**2**
	W-141	0	0	0	0	1.6
	W-565	0	0	0	0	2
182						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	SIP-191-004					
183		**0**	**1.2**	**0**	**0.86**	**11**
	SIP-191-004					
	W-004	0	0.59	0	0.86	11
	W-902	0	1.2	0	0.5	8.7
187						
190						
191						
194						
195						
	SIP-191-003					
196						
197		**0**	**0**	**0**	**6**	**74**
	SIP-191-002	0	0	0	6	74
	W-1106	0	0	0	1.5	3.2
198						
211		**3.7**	**7**	**0**	**1.3**	**4.9**
	W-1111	3.7	6.6	0	1.3	4.9
	W-464	0	7	0	0.76	4.3
212		**0**	**13**	**0**	**0**	**5.1**
	SIP-212-101					
	TW-11	0	13	0	0	3
	TW-11A	0	2.5	0	0	5.1
214						
216		**3.7**	**6.6**	**0**	**1.3**	**4.9**
	W-1111	3.7	6.6	0	1.3	4.9
217						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
218		**0**	**2.5**	**0**	**0**	**5.1**
	TW-11A	0	2.5	0	0	5.1
219						
221		**0**	**1.6**	**0**	**32**	**5.9**
	W-1806	0	0.96	0	22	5.6
	W-1807	0	1.6	0	32	5.9
223		**0**	**1.6**	**0**	**32**	**7.9**
	W-1806	0	0.96	0	22	5.6
	W-1807	0	1.6	0	32	5.9
	W-1901					
	W-1901-1	0	0.91	0	2	7.9
224		**0**	**0.91**	**0**	**2**	**7.9**
	W-1901					
	W-1901-1	0	0.91	0	2	7.9
225		**0**	**1.6**	**0**	**32**	**5.9**
	W-1806	0	0.96	0	22	5.6
	W-1807	0	1.6	0	32	5.9
226		**0**	**2.5**	**0**	**11**	**5.4**
	W-551	0	2.5	0	11	5.4
231		**0**	**7.2**	**0**	**1.5**	**2.1**
	W-147	0	7.2	0	1.5	2.1
232						
233						
234						
235		**0**	**0**	**0**	**0**	**0**
	W-148	0	0	0	0	0
239						
241						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
242						
243						
251						
252						
253						
254		**0**	**8**	**0**	**0**	**1.2**
	W-101	0	8	0	0	1.2
255						
256						
261						
262						
264						
265						
266						
271						
272						
273		**0**	**12**	**0**	**1.8**	**11**
	W-368	0	12	0	1.8	11
274						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
275						
276						
280						
281						
	SIP-191-101					
282						
284		**0**	**0**	**0**	**0**	**0.91**
	UP-292-006	0	0	0	0	0.91
291						
292		**0**	**0**	**0**	**0**	**2.2**
	UP-292-001					
	UP-292-006	0	0	0	0	0.91
	UP-292-007	0	0	0	0	0.78
	UP-292-012	0	0	0	0	0.51
	UP-292-014	0	0	0	0	0.73
	UP-292-015	0	0	0	0	0.84
	UP-292-020					
	W-607	0	0	0	0	2.2
293		**0**	**0**	**0**	**0**	**1.2**
	SIP-293-001	0	0	0	0	1.2
	UP-292-012	0	0	0	0	0.51
294		**0**	**0**	**0**	**0**	**0.91**
	UP-292-001					
	UP-292-006	0	0	0	0	0.91
	UP-292-007	0	0	0	0	0.78
	UP-292-014	0	0	0	0	0.73
	UP-292-015	0	0	0	0	0.84
297		**0**	**0**	**0**	**0**	**0**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-567	0	0	0	0	0
298		**0**	**0**	**0**	**0**	**0**
	W-608	0	0	0	0	0
299						
310						
311						
312		**0**	**3**	**0**	**0**	**0**
	W-223	0	3	0	0	0
313						
314		**0**	**5.2**	**0**	**0**	**0**
	GSW-443	0	5.2	0	0	0
315						
316						
317						
318						
319		**0**	**3**	**0**	**0**	**0**
	W-223	0	3	0	0	0
322						
323						
324						
326						
327						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
329						
331		**0**	**1.5**	**0**	**18**	**8.4**
	SIP-331-001	0	1.5	0	18	8.4
	W-148	0	0	0	0	0
332						
334		**0**	**1.5**	**0**	**18**	**8.4**
	SIP-331-001	0	1.5	0	18	8.4
335						
336						
337						
341						
343						
345		**0**	**0.78**	**0**	**0.63**	**13**
	W-1409	0	0.78	0	0.63	13
	W-353	0	0	0	0.52	10
354						
361						
362						
363						
364						
365						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
366						
367						
368						
373		**0**	**21**	**0**	**0**	**13**
	W-114					
	W-317	0	21	0	0	13
376						
378						
379		**0**	**6**	**0**	**0**	**3.6**
	W-569	0	6	0	0	3.6
381						
382						
383						
391						
392						
404		**8.4**	**0.91**	**0**	**1.2**	**5.1**
	GSW-444	0	0	0	0	0
	W-256	8.4	0.91	0	1.2	5.1
405		**8.4**	**0.94**	**0**	**1.2**	**310**
	GSW-444	0	0	0	0	0
	W-205	2.1	0.94	0	0	310
	W-210					
	W-256	8.4	0.91	0	1.2	5.1

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
406		**0**	**0.56**	**0**	**0.51**	**3.8**
	GEW-710					
	GEW-711					
	GEW-808					
	GEW-816					
	GIW-815					
	GIW-818					
	GIW-819					
	GIW-820					
	GSW-001					
	GSW-001A	0	0	0	0	3.8
	GSW-002					
	GSW-003					
	GSW-004					
	GSW-005					
	GSW-006	0	0	0	0	0
	GSW-012					
	GSW-015					
	GSW-015-3					
	GSW-015-4					
	GSW-015-5					
	GSW-015-6					
	GSW-015-7					
	GSW-015-8					
	GSW-016					
	GSW-016-3					
	GSW-016-4					
	GSW-016-5					
	GSW-016-6					
	GSW-016-7					
	GSW-209					
	GSW-403-6					
	HW-GP-001					
	HW-GP-002					

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	HW-GP-003					
	HW-GP-103					
	HW-GP-104					
	HW-GP-105					
	TEP-GP-004					
	TEP-GP-005					
	TEP-GP-008					
	TEP-GP-009					
	TEP-GP-010					
	W-1114					
	W-1115	0	0	0	0	0
	W-1309	0	0	0	0.51	2.1
	W-1310	0	0.56	0	0	2.4
	W-1513					
	W-1514					
	W-1515					
411		**34**	**7.4**	**95**	**120**	**1700**
	GSW-010					
	GSW-208					
	SIP-419-101	18	1.5	0.68	4.9	250
	SIP-419-201					
	SIP-419-202	12	4.7	23	38	380
	TEP-GP-006					
	W-1410	1.8	2.7	0	0	13
	W-1411					
	W-1414	27	6.6	80	120	1600
	W-210					
	W-2204	34	7.4	95	120	1700
	W-2617	6.7	6.5	0	5.2	460
	W-3902	21	7.1	23	59	800
415						
418		**41**	**6.7**	**8.5**	**35**	**1200**
	W-1412					

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-1413	0	1.1	0	0	16
	W-1507	0	0	0	0	6.5
	W-2205	41	6.7	8.5	35	1200
423						
431		**0.61**	**0**	**0**	**1.7**	**7.1**
	W-1506	0.61	0	0	1.7	7.1
432		**0**	**0**	**0**	**0**	**5**
	W-1508	0	0	0	0	2.6
	W-272	0	0	0	0	5
433		**0**	**0**	**0**	**0**	**2.6**
	W-1508	0	0	0	0	2.6
435		**0**	**0**	**0**	**9**	**27**
	W-271	0	0	0	9	27
436						
438						
439		**0**	**1.1**	**0**	**6.9**	**21**
	W-305	0	1.1	0	6.9	21
442						
443						
444						
445						
446						
449		**0**	**2.6**	**0**	**2.5**	**17**
	W-1510	0	2.6	0	2.5	17
451		**0**	**1.2**	**0**	**0**	**1.2**
	W-1419	0	1.2	0	0	1.2

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
452						
453		**0**	**2.8**	**0**	**0.91**	**4.8**
	W-010A					
	W-010A-1					
	W-010A-2					
	W-1220					
	W-1419	0	1.2	0	0	1.2
	W-1602	0	2.8	0	0.91	4.8
	W-1602-1					
	W-1602-2					
	W-414					
470						
471		**0**	**0**	**0**	**0**	**2.2**
	SIP-HPA-102					
	SIP-HPA-103					
	W-1416	0	0	0	0	2.2
	W-906					
	W-HPA-001B					
472		**0**	**0.84**	**0**	**0**	**3.1**
	W-1205	0	0.84	0	0	3.1
473						
481						
482		**0**	**34**	**0**	**0.61**	**0**
	SIP-490-102	0	0	0	0	0
	W-316	0	34	0	0	0
	W-423	0	0.96	0	0.61	0
490						
	SIP-490-101					
491						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
492						
	W-007					
	W-007-1					
493						
494						
509		**4**	**4.3**	**0**	**2.4**	**2100**
	W-2207A					
	W-2207A-2					
	W-2207B	4	4.3	0	2.4	2100
510		**4**	**5.4**	**3.2**	**38**	**89**
	W-2606	0	2	3.2	7.6	37
	W-2607	4	5.4	1.6	38	89
	W-2608					
	W-3105	0	0	0	0	1.6
	W-622					
511		**4**	**5.4**	**4.6**	**38**	**2100**
	SIP-511-101					
	SIP-511-102					
	W-205	2.1	0.94	0	0	310
	W-2207A					
	W-2207A-2					
	W-2207B	4	4.3	0	2.4	2100
	W-2208A					
	W-2208B	0.84	1.4	4.6	2.8	78
	W-2604A	0	0.54	0	16	15
	W-2604B	0	0	0	0.93	12
	W-2606	0	2	3.2	7.6	37
	W-2607	4	5.4	1.6	38	89
	W-2608					
	W-3105	0	0	0	0	1.6
	W-622					
512		**4**	**6.6**	**4.6**	**7.6**	**2100**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-1517	0	0.52	0	0.85	65
	W-2207A					
	W-2207A-2					
	W-2207B	4	4.3	0	2.4	2100
	W-2208A					
	W-2208B	0.84	1.4	4.6	2.8	78
	W-274	0	0	0	0	52
	W-359	2.4	6.6	0.51	7.6	160
515						
	W-217					
	W-514-2007A					
	W-514-2007B					
516		**8.4**	**0.94**	**0**	**1.2**	**310**
	W-205	2.1	0.94	0	0	310
	W-256	8.4	0.91	0	1.2	5.1
517		**2.1**	**0.94**	**0**	**4.2**	**310**
	W-205	2.1	0.94	0	0	310
	W-2215B	1.2	0	0	4.2	7.5
518		**0**	**0**	**0**	**0**	**1.7**
	SIP-518-203	0	0	0	0	0
	W-112	0	0	0	0	1.7
519		**4**	**5.4**	**1.6**	**38**	**89**
	W-217					
	W-2605B	0	0	0	5.6	32
	W-2607	4	5.4	1.6	38	89
	W-261	0	0	0	0	0
	W-514-2007A					
	W-514-2007B					
520						
	W-217					
	W-514-2007A					
	W-514-2007B					
522						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
523		**0.54**	**6.3**	**0.8**	**8.7**	**86**
	W-268	0.54	6.3	0.8	8.7	86
525						
531		**4.8**	**64**	**15**	**100**	**930**
	SIP-ETS-214	0	3.5	0	3.8	25
	SIP-ETS-401	1	14	2.5	19	150
	SIP-ETS-402	0.74	5.7	0.93	8	56
	W-1108	1.3	14	2.6	24	210
	W-1117	1.7	26	4.2	47	327
	W-1604	4.8	64	15	100	930
	W-204	2.3	19	0.81	3	72
	W-363	1.7	17	2.8	22	160
	W-543-002A					
	W-543-002B					
532		**4.8**	**64**	**15**	**100**	**930**
	W-1117	1.7	26	4.2	47	327
	W-1604	4.8	64	15	100	930
	W-543-002A					
	W-543-002B					
533		**2.3**	**35**	**2.8**	**22**	**160**
	SIP-ETS-212	1.8	35	1.1	4.4	120
	W-204	2.3	19	0.81	3	72
	W-363	1.7	17	2.8	22	160
543		**2.3**	**13**	**1**	**150**	**290**
	SIP-543-101	0	0	0	110	110
	W-2305	0	0	0	150	290
	W-258	2.3	13	1	17	201
	W-3904	0	1.3	0	33	47
	W-543-003					
	W-543-004A					
	W-543-004B					
571						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
581						
	W-318					
582						
583						
	SIP-HPA-003					
591						
597						
610		**0**	**0**	**0**	**0**	**0**
	W-106	0	0	0	0	0
611		**0**	**0**	**0**	**0**	**0.83**
	W-107	0	0	0	0	0.83
612						
614		**0**	**0**	**0**	**0**	**0.83**
	W-107	0	0	0	0	0.83
615						
616						
619						
622						
624						
625						
642		**0**	**5.1**	**0**	**0**	**0**
	W-017	0	5.1	0	0	0
643		**0**	**5.1**	**0**	**0**	**0**
	W-017	0	5.1	0	0	0

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
651						
652						
653						
654						
	SIP-EGD-001					
655						
661						
	SIP-NEB-101					
663						
	W-016					
	W-016-3					
	W-016-4					
667						
671						
681						
684						
685						
691						
693						
694						
695						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
696						
697						
1277						
1288						
1399						
1601		**0**	**0**	**0**	**0**	**0**
	SIP-501-102	0	0	0	0	0
	SIP-501-104					
1602						
1631		**0**	**0**	**0**	**0**	**0**
	SIP-501-102	0	0	0	0	0
1632						
1677						
1678						
1680						
1710		**0**	**5.8**	**0**	**0**	**21**
	W-1213	0	5	0	0	9.8
	W-3107	0	5.8	0	0	21
1713		**0**	**4.2**	**0**	**1.4**	**19**
	SIP-501-004	0	0	0	0	0
	W-1110	0	4.2	0	1.4	19
1714						
1726		**0**	**0**	**0**	**0**	**4**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	SIP-501-103					
	W-502	0	0	0	0	4
1727						
1730		**0**	**4.2**	**0**	**1.4**	**19**
	SIP-501-004	0	0	0	0	0
	W-1110	0	4.2	0	1.4	19
1735		**0**	**4.2**	**0**	**1.4**	**19**
	SIP-501-004	0	0	0	0	0
	W-1110	0	4.2	0	1.4	19
1736		**0**	**2**	**0**	**0.62**	**5.3**
	SIP-501-105	0	2	0	0.62	5.3
1739		**0**	**4.1**	**1.3**	**1.3**	**130**
	SIP-501-007	0	2.1	0	0	110
	W-1212	0	2.8	1.3	0	130
	W-2201	0	4.1	0	1.3	11
	W-2201-1					
	W-2201-2					
	W-2611	0	1.6	0	0.56	100
	W-2612	0	1.2	0	0	75
1802						
1826						
1878		**0**	**0**	**0**	**6**	**74**
	SIP-191-002	0	0	0	6	74
	W-1106	0	0	0	1.5	3.2
1879						
1884						
1885						
1886		**0**	**0**	**0**	**6**	**74**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	SIP-191-002	0	0	0	6	74
	W-1106	0	0	0	1.5	3.2
1887						
1888						
1889		**0**	**0**	**0**	**1.2**	**2**
	W-454	0	0	0	1.2	2
1899		**0**	**0**	**0**	**0**	**2**
	W-141	0	0	0	0	1.6
	W-565	0	0	0	0	2
1925						
1927						
2180						
2418						
2420						
2512						
2525						
2552						
2554		**0**	**8**	**0**	**0**	**1.2**
	W-101	0	8	0	0	1.2
2580						
2599						
2625						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
2627						
2632						
2679						
2684						
2685						
2687						
2701						
2726		**0**	**12**	**0**	**1.8**	**11**
	W-368	0	12	0	1.8	11
2727		**0**	**12**	**0**	**1.8**	**11**
	W-368	0	12	0	1.8	11
2728						
2775						
2777						
2787						
2801						
2802						
2806						
2808						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
2825						
2925						
3180						
3203						
3204						
3226						
3340						
3399						
3526						
3527						
3555						
3577						
3649						
3724		**0**	**6**	**0**	**0**	**2.8**
	W-1215	0	5.6	0	0	2.8
	W-1216	0	2.3	0	0	2.4
	W-411	0	5.3	0	0	1.2
	W-412	0	6	0	0	2.5
3725		**0**	**6**	**0**	**0**	**3.6**
	W-569	0	6	0	0	3.6

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
3726						
3751		**0**	**6**	**0**	**0**	**3.6**
	W-569	0	6	0	0	3.6
3775						
3777		**0**	**5.6**	**0**	**0**	**2.8**
	W-1215	0	5.6	0	0	2.8
3925						
3982						
4113		**0**	**0**	**0**	**0**	**6.5**
	W-1507	0	0	0	0	6.5
4198						
	GSW-004					
	TEP-GP-004					
4199		**0**	**0**	**0**	**0**	**0**
	GSW-020					
	GSW-208					
	GSW-216	0	0	0	0	0
	TEP-GP-006					
4227						
4297		**0**	**0**	**0**	**0**	**7.5**
	W-1518	0	0	0	0	7.5
	W-272	0	0	0	0	5
4298						
4299		**0**	**0**	**0**	**0**	**7.5**
	W-1518	0	0	0	0	7.5
	W-272	0	0	0	0	5
4302		**0**	**0**	**0**	**9**	**27**
	W-271	0	0	0	9	27

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
4316						
4321						
4352		**0**	**1.3**	**0**	**110**	**110**
	SIP-543-101	0	0	0	110	110
	W-1109	0	0	0	14	66
	W-1903	0	0	0	10	13
	W-1909	0	0	0	73	100
	W-257	0	0	0	4.2	11
	W-3904	0	1.3	0	33	47
	W-911	0	0	0	5.7	14
4377		**0**	**0.68**	**0**	**15**	**100**
	W-1202	0	0.68	0	15	100
4378						
4382		**0**	**0**	**0**	**9**	**27**
	W-271	0	0	0	9	27
4383						
4384		**0**	**0**	**0**	**0**	**1.4**
	W-1512	0	0	0	0	1.4
4385		**0**	**0**	**0**	**0**	**5**
	W-272	0	0	0	0	5
4387		**0**	**0**	**0**	**0**	**1.4**
	W-1512	0	0	0	0	1.4
4388						
4399		**0**	**0**	**0**	**1.1**	**21**
	W-259	0	0	0	1.1	21
4406						
4410						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
4475		**0**	**0.68**	**0**	**15**	**100**
	W-1202	0	0.68	0	15	100
4525						
4576						
4675						
4725						
4726		**0**	**2.5**	**0**	**0**	**3.3**
	W-3102	0	2.5	0	0	3.3
4727						
4728						
4729		**0**	**5.6**	**0**	**0**	**2.8**
	W-1215	0	5.6	0	0	2.8
	W-369	0	2.9	0	0	2.5
4905						
4906						
4924						
4926		**0**	**0**	**0**	**0**	**0**
	SIP-ALP-002	0	0	0	0	0
4997		**0**	**0**	**0**	**0**	**0**
	SIP-ALP-002	0	0	0	0	0
4998						
4999						
5104		**1.2**	**0**	**0**	**4.2**	**7.5**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-112	0	0	0	0	1.7
	W-2215B	1.2	0	0	4.2	7.5
5105						
5125						
5198		**0**	**0**	**0**	**5.6**	**32**
	SIP-518-203	0	0	0	0	0
	W-2605B	0	0	0	5.6	32
	W-261	0	0	0	0	0
5207		**4**	**6.6**	**0.51**	**7.6**	**2100**
	W-1517	0	0.52	0	0.85	65
	W-2207A					
	W-2207A-2					
	W-2207B	4	4.3	0	2.4	2100
	W-274	0	0	0	0	52
	W-359	2.4	6.6	0.51	7.6	160
5225						
5226		**0.54**	**6.3**	**0.8**	**8.7**	**86**
	W-268	0.54	6.3	0.8	8.7	86
5299		**0.54**	**6.3**	**0.8**	**8.7**	**86**
	W-268	0.54	6.3	0.8	8.7	86
5425		**2.3**	**52**	**3**	**22**	**340**
	SIP-ETS-207					
	SIP-ETS-211					
	SIP-ETS-212	1.8	35	1.1	4.4	120
	SIP-ETS-214	0	3.5	0	3.8	25
	SIP-ETS-304					
	SIP-ETS-306					
	W-1605	0	11	0.75	1.2	18
	W-1606	0	17	0.87	2.2	27
	W-1607	0	13	0.78	3.5	35
	W-1608	0	14	0.93	3.2	30

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-1609	0.67	28	1.7	17	110
	W-1610	0.66	52	3	20	340
	W-204	2.3	19	0.81	3	72
	W-363	1.7	17	2.8	22	160
	W-562	0	0	0	0	0
	W-ETS-305A					
	W-ETS-305B					
5426						
	SIP-ETS-201					
	SIP-ETS-211					
	SIP-ETS-215					
	SIP-ETS-302					
	SIP-ETS-304					
	SIP-ETS-306					
	W-ETS-305A					
	W-ETS-305B					
5475		**2.3**	**52**	**3.4**	**24**	**340**
	SIP-ETS-201					
	SIP-ETS-204					
	SIP-ETS-205					
	SIP-ETS-207					
	SIP-ETS-209					
	SIP-ETS-211					
	SIP-ETS-214	0	3.5	0	3.8	25
	SIP-ETS-215					
	SIP-ETS-304					
	SIP-ETS-401	1	14	2.5	19	150
	SIP-ETS-402	0.74	5.7	0.93	8	56
	SIP-ETS-502	0	25	0	9.8	93
	SVI-ETS-504					
	SVI-ETS-505					
	W-1108	1.3	14	2.6	24	210
	W-1415	0	11	1.1	3.3	38
	W-1605	0	11	0.75	1.2	18

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-1606	0	17	0.87	2.2	27
	W-1607	0	13	0.78	3.5	35
	W-1608	0	14	0.93	3.2	30
	W-1609	0.67	28	1.7	17	110
	W-1610	0.66	52	3	20	340
	W-2211	0	5.4	0.51	1.1	9.8
	W-2212	0.78	26	3.4	15	120
	W-2301A					
	W-2301B					
	W-2302	0.93	12	1.1	20	170
	W-2303					
	W-258	2.3	13	1	17	201
	W-3106	0.58	5.3	0.93	9.7	89
	W-ETS-305A					
	W-ETS-305B					
	W-ETS-506A					
	W-ETS-506B					
	W-ETS-507					
5477		**4.8**	**64**	**15**	**100**	**930**
	W-1108	1.3	14	2.6	24	210
	W-1117	1.7	26	4.2	47	327
	W-1222	0	1.4	0	19	78
	W-1302	0	0.87	0	2.6	19
	W-1302-1					
	W-1302-2	1.4	24	3.5	41	270
	W-1604	4.8	64	15	100	930
	W-543-001					
	W-543-002A					
	W-543-002B					
	W-543-003					
	W-543-004A					
	W-543-004B					
	W-909	0.93	1.2	0	22	86
5626						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-2110A					
	W-2110B					
5627		**1.9**	**2**	**0.96**	**5.2**	**73**
	W-1223	1.9	2	0.96	5.2	73
	W-2110A					
	W-2110B					
5675						
	W-3805					
5997						
5998						
5999						
6127						
6167						
6178						
6179						
6198						
6199		**0**	**0**	**0**	**0**	**0**
	W-291	0	0	0	0	0
6205						
6206						
6298						
6299						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
6301						
6325						
	SIP-ETS-105					
	SIP-ETS-213					
	SIP-ETS-501					
6424		**0**	**0**	**0**	**0**	**0**
	W-212	0	0	0	0	0
6425						
6426		**0**	**0**	**0**	**0**	**0**
	W-212	0	0	0	0	0
6475						
6497						
6498		**0**	**0**	**0**	**0**	**0**
	W-212	0	0	0	0	0
6499						
6501						
6525						
6526						
6527						
6575						
6675						
6925						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
6926						
6928						
6929						
6930						
6931						
	W-461					
6951						
02MFEST		**0**	**0**	**0**	**0**	**1.4**
	W-1512	0	0	0	0	1.4
132N		**0.69**	**8.2**	**0**	**4.2**	**4.8**
	W-002	0.69	8.2	0	4.2	4.8
132S		**0**	**2.6**	**0**	**0**	**0**
	W-213	0	2.6	0	0	0
170 Courtyard						
170A						
194A						
196A						
231A		**0**	**0.91**	**0**	**2**	**7.9**
	W-1901					
	W-1901-1	0	0.91	0	2	7.9
297A		**0**	**0**	**0**	**0**	**0**
	W-567	0	0	0	0	0
321A		**0**	**2.5**	**0**	**32**	**24**
	W-1806	0	0.96	0	22	5.6
	W-1807	0	1.6	0	32	5.9

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-307	0	2.2	0	26	24
	W-551	0	2.5	0	11	5.4
321B						
321C						
321D						
321E						
321F						
321G						
322A						
335A						
335B						
4997A						
4998A						
514A		**4**	**5.4**	**3.2**	**38**	**89**
	W-217					
	W-2606	0	2	3.2	7.6	37
	W-2607	4	5.4	1.6	38	89
	W-3105	0	0	0	0	1.6
	W-514-2007A					
	W-514-2007B					
517A		**1.2**	**0**	**0**	**4.2**	**7.5**
	W-2215B	1.2	0	0	4.2	7.5
518A		**1.2**	**0**	**0**	**4.2**	**7.5**

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-112	0	0	0	0	1.7
	W-2215B	1.2	0	0	4.2	7.5
519A		**0**	**0.54**	**0**	**16**	**32**
	W-2604A	0	0.54	0	16	15
	W-2604B	0	0	0	0.93	12
	W-2605B	0	0	0	5.6	32
	W-261	0	0	0	0	0
551E		**0**	**2.3**	**1.4**	**7**	**66**
	W-1404	0	0.74	1.4	5.9	48
	W-1405	0	2.3	0	7	66
	W-ETC-2001B					
	W-ETC-2002A					
	W-ETC-2002B					
551W		**0**	**2.8**	**0**	**1.6**	**12**
	W-1407	0	1.3	0	1.6	12
	W-1602	0	2.8	0	0.91	4.8
	W-1602-1					
	W-1602-2					
581A						
581B						
	W-318					
581C						
597A						
5998A						
612A		**0**	**0**	**0**	**0**	**0**
	W-270	0	0	0	0	0
6197B						
6199A						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
6199B						
6199D						
6299A						
6299B						
NBNF01						
NBNF02						
NBNF03						
NBNF04						
NBNF05						
NBNF06						
NBNF07		**0**	**0**	**0**	**0**	**0**
	W-567	0	0	0	0	0
NBNF08						
NBNF09						
NBNF10						
NBNF11						
NBNF12						
NBNF13						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF14						
NBNF15		**0**	**0.62**	**0**	**3.3**	**3.6**
	W-702	0	0.62	0	3.3	3.6
NBNF16		**0**	**0**	**0**	**0**	**2**
	W-141	0	0	0	0	1.6
	W-565	0	0	0	0	2
NBNF17						
NBNF18						
NBNF19						
NBNF20		**0**	**0.56**	**0**	**0**	**0**
	W-273	0	0.56	0	0	0
NBNF21		**0**	**0.56**	**0**	**0**	**0**
	W-273	0	0.56	0	0	0
NBNF22						
NBNF23						
NBNF24						
NBNF25						
NBNF26						
NBNF27		**0**	**0**	**0**	**0**	**4**
	SIP-501-103					
	W-502	0	0	0	0	4
NBNF28						
NBNF29						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF30						
NBNF31		**0**	**21**	**0**	**0**	**13**
	W-114					
	W-317	0	21	0	0	13
NBNF32						
NBNF33		**0**	**6**	**0**	**0**	**3.6**
	W-569	0	6	0	0	3.6
NBNF34						
NBNF35						
NBNF36						
NBNF37						
NBNF38						
NBNF39		**0**	**1.2**	**0**	**0**	**1.2**
	W-1419	0	1.2	0	0	1.2
NBNF40						
NBNF42						
NBNF43		**0**	**1.2**	**0**	**0**	**1.2**
	W-1419	0	1.2	0	0	1.2
NBNF44						
NBNF45		**0**	**1.2**	**0**	**0**	**1.2**
	W-1419	0	1.2	0	0	1.2
NBNF46		**0**	**0**	**0**	**0**	**1.4**
	W-1512	0	0	0	0	1.4
NBNF47						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF48		**0**	**1.5**	**0**	**18**	**8.4**
	SIP-331-001	0	1.5	0	18	8.4
NBNF49						
NBNF50						
NBNF51						
NBNF52		**41**	**9.3**	**95**	**120**	**1700**
	SIP-419-101	18	1.5	0.68	4.9	250
	SIP-419-201					
	W-1412					
	W-1413	0	1.1	0	0	16
	W-1414	27	6.6	80	120	1600
	W-2204	34	7.4	95	120	1700
	W-2205	41	6.7	8.5	35	1200
	W-2206					
	W-3004	17	5.2	10	37	880
	W-3903	17	9.3	7.7	44	430
NBNF53		**1.2**	**0.54**	**0**	**16**	**32**
	W-2215B	1.2	0	0	4.2	7.5
	W-2604A	0	0.54	0	16	15
	W-2604B	0	0	0	0.93	12
	W-2605B	0	0	0	5.6	32
	W-622					
NBNF54		**0**	**0**	**0**	**0**	**0**
	SIP-518-203	0	0	0	0	0
NBNF55		**0**	**0**	**0**	**5.6**	**32**
	W-2605B	0	0	0	5.6	32
	W-261	0	0	0	0	0
NBNF56						
NBNF57						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF58						
NBNF59						
NBNF60						
NBNF61						
NBNF62						
NBNF63						
NBNF64						
NBNF65						
NBNF66						
NBNF67						
NBNF68						
NBNF69						
NBNF70						
OS174						
	SIP-501-103					
OS270						
OS454						
OS455						

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
OS495						
OS682						
OS683						
U119						
U193		**0**	**0**	**0**	**0**	**0**
	W-005	0	0	0	0	0
	W-005-1					
	W-005-2					
U313A						
U313B						
U325						
U328C						
U416		**41**	**9.3**	**95**	**120**	**1700**
	SIP-419-101	18	1.5	0.68	4.9	250
	SIP-419-201					
	SIP-419-202	12	4.7	23	38	380
	W-1412					
	W-1413	0	1.1	0	0	16
	W-1414	27	6.6	80	120	1600
	W-2204	34	7.4	95	120	1700
	W-2205	41	6.7	8.5	35	1200
	W-2206					
	W-2617	6.7	6.5	0	5.2	460
	W-3004	17	5.2	10	37	880
	W-3902	21	7.1	23	59	800

Table F-1-1. List of buildings and associated well(s) in the first water-bearing zone within 100 feet of the building footprint.

Building number	Well	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
	W-3903	17	9.3	7.7	44	430
U424						
U430		**0**	**0**	**0**	**1.1**	**21**
	W-259	0	0	0	1.1	21
	W-ETS-2009					
U448						
U450						
U599						
U791						
U792						
WAA						

Notes:
µg/L = micrograms per liter.

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
31					
41	0	0.82	0	0	2.1
71					
111	0	1.4	0	310	14
112					
113					
115					
116					
117					
118					
121					
122					
123					
125					
131	0	7.2	0	1.5	2.1
133					
134	0	2.6	0	0	0
135	0	2.6	0	0	0
140					
141	1	4.2	0	0	80
142					
143					
144	1.2	3.8	0	0	0
151					
152					
153					
154					
155					
161	0	3.7	0	0.56	110
162	0	3.7	0	0.5	9.3
164					
165	0	0	0	0	0
166	0	0	0	0	0
169	0	2	0	0.62	5.3

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
170	0	0.66	0	0	0
172	0	4.1	1.6	1.3	130
173					
174					
175	0	0	0	0	4
176					
177					
179					
181	0	0	0	0	2
182					
183	0	1.2	0	0.86	11
187					
190					
191					
194					
195					
196					
197	0	0	0	6	74
198					
211	3.7	7	0	1.3	4.9
212	0	13	0	0	5.1
214					
216	3.7	6.6	0	1.3	4.9
217					
218	0	2.5	0	0	5.1
219					
221	0	1.6	0	32	5.9
223	0	1.6	0	32	7.9
224	0	0.91	0	2	7.9
225	0	1.6	0	32	5.9
226	0	2.5	0	11	5.4
231	0	7.2	0	1.5	2.1
232					
233					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
234					
235	0	0	0	0	0
239					
241					
242					
243					
251					
252					
253					
254	0	8	0	0	1.2
255					
256					
261					
262					
264					
265					
266					
271					
272					
273	0	12	0	1.8	11
274					
275					
276					
280					
281					
282					
284	0	0	0	0	0.91
291					
292	0	0	0	0	2.2
293	0	0	0	0	1.2
294	0	0	0	0	0.91
297	0	0	0	0	0
298	0	0	0	0	0
299					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
310					
311					
312	0	3	0	0	0
313					
314	0	5.2	0	0	0
315					
316					
317					
318					
319	0	3	0	0	0
322					
323					
324					
326					
327					
329					
331	0	1.5	0	18	8.4
332					
334	0	1.5	0	18	8.4
335					
336					
337					
341					
343					
345	0	0.78	0	0.63	13
354					
361					
362					
363					
364					
365					
366					
367					
368					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
373	0	21	0	0	13
376					
378					
379	0	6	0	0	3.6
381					
382					
383					
391					
392					
404	8.4	0.91	0	1.2	5.1
405	8.4	0.94	0	1.2	310
406	0	0.56	0	0.51	3.8
411	34	7.4	95	120	1700
415					
418	41	6.7	8.5	35	1200
423					
431	0.61	0	0	1.7	7.1
432	0	0	0	0	5
433	0	0	0	0	2.6
435	0	0	0	9	27
436					
438					
439	0	1.1	0	6.9	21
442					
443					
444					
445					
446					
449	0	2.6	0	2.5	17
451	0	1.2	0	0	1.2
452					
453	0	2.8	0	0.91	4.8
470					
471	0	0	0	0	2.2

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
472	0	0.84	0	0	3.1
473					
481					
482	0	34	0	0.61	0
490					
491					
492					
493					
494					
509	4	4.3	0	2.4	2100
510	4	5.4	3.2	38	89
511	4	5.4	4.6	38	2100
512	4	6.6	4.6	7.6	2100
515					
516	8.4	0.94	0	1.2	310
517	2.1	0.94	0	4.2	310
518	0	0	0	0	1.7
519	4	5.4	1.6	38	89
520					
522					
523	0.54	6.3	0.8	8.7	86
525					
531	4.8	64	15	100	930
532	4.8	64	15	100	930
533	2.3	35	2.8	22	160
543	2.3	13	1	150	290
571					
581					
582					
583					
591					
597					
610	0	0	0	0	0
611	0	0	0	0	0.83

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
612					
614	0	0	0	0	0.83
615					
616					
619					
622					
624					
625					
642	0	5.1	0	0	0
643	0	5.1	0	0	0
651					
652					
653					
654					
655					
661					
663					
667					
671					
681					
684					
685					
691					
693					
694					
695					
696					
697					
1277					
1288					
1399					
1601	0	0	0	0	0
1602					
1631	0	0	0	0	0

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
1632					
1677					
1678					
1680					
1710	0	5.8	0	0	21
1713	0	4.2	0	1.4	19
1714					
1726	0	0	0	0	4
1727					
1730	0	4.2	0	1.4	19
1735	0	4.2	0	1.4	19
1736	0	2	0	0.62	5.3
1739	0	4.1	1.3	1.3	130
1802					
1826					
1878	0	0	0	6	74
1879					
1884					
1885					
1886	0	0	0	6	74
1887					
1888					
1889	0	0	0	1.2	2
1899	0	0	0	0	2
1925					
1927					
2180					
2418					
2420					
2512					
2525					
2552					
2554	0	8	0	0	1.2
2580					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
2599					
2625					
2627					
2632					
2679					
2684					
2685					
2687					
2701					
2726	0	12	0	1.8	11
2727	0	12	0	1.8	11
2728					
2775					
2777					
2787					
2801					
2802					
2806					
2808					
2825					
2925					
3180					
3203					
3204					
3226					
3340					
3399					
3526					
3527					
3555					
3577					
3649					
3724	0	6	0	0	2.8
3725	0	6	0	0	3.6

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
3726					
3751	0	6	0	0	3.6
3775					
3777	0	5.6	0	0	2.8
3925					
3982					
4113	0	0	0	0	6.5
4198					
4199	0	0	0	0	0
4227					
4297	0	0	0	0	7.5
4298					
4299	0	0	0	0	7.5
4302	0	0	0	9	27
4316					
4321					
4352	0	1.3	0	110	110
4377	0	0.68	0	15	100
4378					
4382	0	0	0	9	27
4383					
4384	0	0	0	0	1.4
4385	0	0	0	0	5
4387	0	0	0	0	1.4
4388					
4399	0	0	0	1.1	21
4406					
4410					
4475	0	0.68	0	15	100
4525					
4576					
4675					
4725					
4726	0	2.5	0	0	3.3

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
4727					
4728					
4729	0	5.6	0	0	2.8
4905					
4906					
4924					
4926	0	0	0	0	0
4997	0	0	0	0	0
4998					
4999					
5104	1.2	0	0	4.2	7.5
5105					
5125					
5198	0	0	0	5.6	32
5207	4	6.6	0.51	7.6	2100
5225					
5226	0.54	6.3	0.8	8.7	86
5299	0.54	6.3	0.8	8.7	86
5425	2.3	52	3	22	340
5426					
5475	2.3	52	3.4	24	340
5477	4.8	64	15	100	930
5626					
5627	1.9	2	0.96	5.2	73
5675					
5997					
5998					
5999					
6127					
6167					
6178					
6179					
6198					
6199	0	0	0	0	0

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
6205					
6206					
6298					
6299					
6301					
6325					
6424	0	0	0	0	0
6425					
6426	0	0	0	0	0
6475					
6497					
6498	0	0	0	0	0
6499					
6501					
6525					
6526					
6527					
6575					
6675					
6925					
6926					
6928					
6929					
6930					
6931					
6951					
02MFEST	0	0	0	0	1.4
132N	0.69	8.2	0	4.2	4.8
132S	0	2.6	0	0	0
170 Courtyard					
170A					
194A					
196A					
231A	0	0.91	0	2	7.9

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
297A	0	0	0	0	0
321A	0	2.5	0	32	24
321B					
321C					
321D					
321E					
321F					
321G					
322A					
335A					
335B					
4997A					
4998A					
514A	4	5.4	3.2	38	89
517A	1.2	0	0	4.2	7.5
518A	1.2	0	0	4.2	7.5
519A	0	0.54	0	16	32
551E	0	2.3	1.4	7	66
551W	0	2.8	0	1.6	12
581A					
581B					
581C					
597A					
5998A					
612A	0	0	0	0	0
6197B					
6199A					
6199B					
6199D					
6299A					
6299B					
NBNF01					
NBNF02					
NBNF03					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF04					
NBNF05					
NBNF06					
NBNF07	0	0	0	0	0
NBNF08					
NBNF09					
NBNF10					
NBNF11					
NBNF12					
NBNF13					
NBNF14					
NBNF15	0	0.62	0	3.3	3.6
NBNF16	0	0	0	0	2
NBNF17					
NBNF18					
NBNF19					
NBNF20	0	0.56	0	0	0
NBNF21	0	0.56	0	0	0
NBNF22					
NBNF23					
NBNF24					
NBNF25					
NBNF26					
NBNF27	0	0	0	0	4
NBNF28					
NBNF29					
NBNF30					
NBNF31	0	21	0	0	13
NBNF32					
NBNF33	0	6	0	0	3.6
NBNF34					
NBNF35					
NBNF36					
NBNF37					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF38					
NBNF39	0	1.2	0	0	1.2
NBNF40					
NBNF42					
NBNF43	0	1.2	0	0	1.2
NBNF44					
NBNF45	0	1.2	0	0	1.2
NBNF46	0	0	0	0	1.4
NBNF47					
NBNF48	0	1.5	0	18	8.4
NBNF49					
NBNF50					
NBNF51					
NBNF52	41	9.3	95	120	1700
NBNF53	1.2	0.54	0	16	32
NBNF54	0	0	0	0	0
NBNF55	0	0	0	5.6	32
NBNF56					
NBNF57					
NBNF58					
NBNF59					
NBNF60					
NBNF61					
NBNF62					
NBNF63					
NBNF64					
NBNF65					
NBNF66					
NBNF67					
NBNF68					
NBNF69					
NBNF70					
OS174					
OS270					

Table F-1-2. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
OS454					
OS455					
OS495					
OS682					
OS683					
U119					
U193	0	0	0	0	0
U313A					
U313B					
U325					
U328C					
U416	41	9.3	95	120	1700
U424					
U430	0	0	0	1.1	21
U448					
U450					
U599					
U791					
U792					
WAA					

Notes:
µg/L = micrograms per liter; COC = contaminant of concern.

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
31	0.46				
41					
71					
111				228.13	24.77
112	0.44	20.04		22.88	
113	1.36	16.80			
115				23.30	
116	0.49	6.94		4.35	
117	2.47	6.94			
118					
121				4.50	
122				17.53	
123				7.06	
125					
131	1.14	8.05			9.91
133		7.64			
134		6.62			
135		6.62			
140		7.10			
141	1.84				35.81
142	1.81				25.07
143	1.84				14.98
144	1.50	5.56			
151	0.84				
152					
153					
154	0.72				10.40
155	1.03				
161		7.14			49.13
162		7.14			16.06
164					
165					
166					
169					11.30

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
170					
172		6.61			175.48
173					17.82
174					35.12
175					16.43
176					17.82
177		6.28			76.73
179					17.27
181					12.64
182					23.26
183					16.41
187				4.72	
190				4.19	23.22
191					
194					35.88
195					
196					
197				3.91	54.62
198					35.88
211	5.71	19.90			11.84
212	1.14	27.80			
214	4.91	25.68		6.91	28.79
216	5.71	20.88		4.43	19.63
217	2.56	25.68		20.59	46.46
218	2.56	30.25		9.75	30.83
219	0.49	17.02		4.98	9.79
221				19.40	12.62
223				8.57	
224				4.34	10.30
225				22.00	28.60
226	1.94	17.23		23.42	49.70
231	0.45	8.05			
232					
233					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
234					
235					
239				23.82	
241	0.94	5.91			
242	0.50	4.78			
243	0.89	5.40			
251	0.81				
252	0.57	7.18			
253	0.58	10.96			
254	0.61	20.53			
255	0.63	18.52			
256	0.61	14.70			
261					
262					
264	0.37				
265					
266	0.38				
271		20.82			
272					28.39
273		4.76			23.33
274					
275		14.87			
276		9.06			
280					
281					
282					
284					
291					
292					
293					
294					
297					
298					
299					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
310	0.39	14.51		23.12	29.55
311				11.73	
312					
313		5.13		16.44	
314		5.08			
315		5.60		5.24	
316				15.90	
317	0.42	14.51		13.76	23.20
318	0.78	28.42		9.90	21.26
319		6.44		4.88	
322				41.06	
323				11.72	
324	0.32			16.75	
326				41.06	
327				35.88	
329				28.95	
331				39.38	
332				39.38	9.65
334				12.22	9.65
335				16.64	11.38
336				40.30	
337				6.65	
341				5.38	10.70
343				4.91	
345				5.06	20.95
354	0.68	9.69			
361	0.32	4.54			
362	0.53				
363					
364		5.78			
365		7.81			
366					
367		5.78			
368		6.88			

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
373		44.34			29.04
376		21.96			58.50
378					12.18
379		16.90			62.91
381		24.68			12.35
382					
383					
391					
392					
404	3.64		12.66	53.01	173.35
405	6.82		14.86	138.80	413.35
406	1.06	10.29			10.16
411	32.91	39.06	129.43	190.04	2395.41
415		5.07			
418	25.51	13.56		20.93	2018.76
423	0.81				12.35
431	0.81			4.95	15.24
432					13.48
433					
435				7.35	59.86
436				4.57	27.19
438					12.17
439				7.57	40.61
442				5.51	45.77
443				4.53	46.76
444					33.56
445				6.46	65.22
446				8.94	72.11
449				4.71	42.86
451					10.99
452					
453					20.06
470		8.72			
471	9.84				570.70

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
472	2.38				32.01
473	0.52				
481		10.44			
482	0.40				
490					
491					
492					
493					
494					
509	58.21	14.48	16.46	43.35	1914.78
510	130.48	35.09	77.97	510.47	604.02
511	313.27	35.09	77.97	510.47	1914.78
512	58.83	18.01		79.37	1742.16
515	38.19	7.27		84.75	125.06
516	8.15	5.34	14.86	153.00	425.08
517	8.15	5.34		153.00	425.08
518	0.81			26.67	79.00
519	38.19	17.09	15.07	129.33	125.27
520	38.19	7.27		84.75	125.06
522	19.64	4.90		37.08	179.01
523	19.64	4.90		37.08	179.01
525	27.82	6.46		65.53	265.23
531	4.43	60.25	17.39	85.28	785.82
532	4.43	60.25	12.73	82.36	785.82
533	3.90	21.93		25.38	197.83
543	2.41	10.75		45.67	268.73
571					13.41
581	0.57				
582					
583					
591					
597					
610					
611	0.45				

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
612	11.13			21.61	39.66
614	0.45				
615					
616					
619					
622					
624					
625	1.38			4.31	21.79
642					
643					
651					
652					
653					
654					
655					
661					
663					
667					
671					
681	0.69				
684	0.33				
685	0.58				
691					
693	0.50				
694	0.70				
695	0.57				
696					
697					
1277					
1288					
1399	0.67				
1601		4.50			
1602					
1631					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
1632					
1677					11.05
1678					11.05
1680		6.28			39.21
1710		6.35			25.83
1713					13.96
1714					11.69
1726					49.67
1727					10.47
1730					13.31
1735		5.17			17.50
1736					12.03
1739		6.40			175.48
1802					16.06
1826					37.53
1878				5.08	54.62
1879				6.80	36.97
1884					35.90
1885					29.22
1886				5.98	54.62
1887				7.14	36.97
1888				7.14	54.62
1889				5.99	19.73
1899					
1925					
1927					
2180	2.56	27.65		9.91	36.20
2418	0.36				
2420	0.48				
2512	0.59	8.59			
2525	0.61	12.54			
2552	0.64	4.57			
2554	0.61	20.53			
2580	0.63	6.39			

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
2599	0.62	8.88			
2625					
2627					
2632					
2679					
2684					
2685					
2687					
2701		26.15			10.83
2726		4.76			15.86
2727		4.76			23.33
2728					10.13
2775					28.39
2777					
2787		26.15			10.83
2801					
2802					
2806					
2808					
2825					
2925					
3180		6.86		21.32	9.77
3203				37.29	
3204				37.29	
3226				38.43	
3340				12.03	11.16
3399	0.39			26.17	
3526					
3527	0.33				
3555					
3577					
3649					
3724		49.47			36.31
3725		53.78			72.91

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
3726		53.36			70.78
3751		30.92			72.91
3775		44.55			59.93
3777		8.72			11.06
3925					
3982					
4113	4.76	29.02		14.58	1260.73
4198					
4199	0.87		33.87		12.19
4227					10.57
4297					11.59
4298	0.34				22.29
4299	0.56				45.49
4302				6.25	38.17
4316				3.73	
4321					9.73
4352				19.66	78.32
4377				9.06	72.11
4378				5.56	16.55
4382				6.25	38.17
4383				12.04	35.41
4384				12.04	35.41
4385					9.73
4387				3.84	16.55
4388				9.06	64.50
4399		7.83			
4406				4.14	51.68
4410				5.38	56.49
4475				9.06	72.11
4525					
4576					
4675					
4725	0.64				
4726	1.06				10.16

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
4727	0.45	6.10			
4728		4.54			
4729	0.37	10.29			
4905					
4906					
4924					
4926					
4997					
4998					
4999					
5104	1.50				9.84
5105	27.82	4.90		54.80	179.01
5125	27.82	9.19		65.53	438.29
5198					25.64
5207	25.51	12.75		24.01	1914.78
5225	17.12	6.41		35.31	299.14
5226	9.42			20.52	263.38
5299	13.11			26.75	81.78
5425	7.54	36.30	70.09	46.37	256.43
5426	10.18	18.03	17.72	17.10	251.60
5475	10.18	49.94	70.09	78.53	791.39
5477	4.43	60.25	12.73	85.28	785.82
5626	1.58		13.19	114.38	99.59
5627	5.89			38.39	108.16
5675	27.84	11.04		82.42	30.47
5997					
5998					
5999					
6127	21.03			42.08	67.60
6167	9.42			18.00	36.63
6178	2.41			5.31	16.64
6179	11.13			21.61	39.66
6198	6.47			13.55	32.84
6199					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
6205					
6206					
6298					
6299					
6301					
6325	2.78	41.83		17.42	278.92
6424	1.02				
6425					
6426	1.02				11.90
6475					
6497	0.47				11.99
6498	1.02				
6499	1.83			5.45	31.88
6501					
6525					
6526					
6527					
6575					
6675					
6925	0.41				
6926					
6928					
6929	0.77				
6930	0.71				
6931	0.79				
6951					
02MFEST					
132N	0.85	7.02			10.68
132S		4.78			
170 Courtyard					
170A					
194A					
196A					
231A					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
297A					
321A		12.80		29.76	49.70
321B				28.13	9.61
321C		4.41		37.05	9.77
321D		8.25		27.76	24.37
321E				30.01	
321F				32.85	
321G				41.06	
322A				37.29	
335A				11.31	11.53
335B				11.31	14.23
4997A					
4998A					
514A	74.08	17.91	32.93	139.44	498.79
517A	8.15	5.34		153.00	425.08
518A	0.81				17.50
519A	3.64	7.81		55.84	88.57
551E	1.49		57.27	343.14	106.34
551W	1.49				79.49
581A					
581B					
581C					
597A					
5998A					
612A	11.13			21.61	39.66
6197B					
6199A					
6199B					
6199D					
6299A					
6299B					
NBNF01					
NBNF02					
NBNF03					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF04					
NBNF05					
NBNF06					
NBNF07					
NBNF08					14.08
NBNF09					17.45
NBNF10					13.74
NBNF11					17.53
NBNF12					33.55
NBNF13					43.82
NBNF14					43.82
NBNF15				4.72	
NBNF16					
NBNF17					
NBNF18					
NBNF19					
NBNF20					
NBNF21					
NBNF22					
NBNF23					19.80
NBNF24					
NBNF25					
NBNF26					17.27
NBNF27					21.34
NBNF28					
NBNF29					
NBNF30	0.95				
NBNF31		44.34			26.94
NBNF32		6.90			
NBNF33		10.30			38.26
NBNF34		6.90			
NBNF35		5.26			
NBNF36		5.26			
NBNF37					

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
NBNF38					
NBNF39					
NBNF40	0.61			5.11	79.49
NBNF42					
NBNF43					
NBNF44				9.06	64.50
NBNF45					
NBNF46					
NBNF47				5.24	33.74
NBNF48				22.10	
NBNF49				28.17	
NBNF50				28.35	
NBNF51					
NBNF52	78.96	12.22	129.43	190.04	2395.41
NBNF53	5.19	10.34		106.20	259.71
NBNF54	0.38				17.50
NBNF55	3.64	7.11		45.03	59.44
NBNF56	19.64			37.08	87.16
NBNF57					
NBNF58					
NBNF59					
NBNF60	0.34				
NBNF61					
NBNF62					
NBNF63					
NBNF64					
NBNF65					
NBNF66					
NBNF67					
NBNF68	0.37				
NBNF69					
NBNF70					
OS174					29.12
OS270		8.20			

Table F-1-3. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Chloroform µg/L	1,2-dichloroethane µg/L	Tetrachloroethene µg/L	Trichloroethene µg/L
OS454					
OS455					
OS495					
OS682					
OS683	0.33				
U119					
U193					
U313A		4.76		18.87	
U313B				18.87	
U325	0.56			18.90	
U328C				16.75	
U416	28.92	17.91	129.43	190.04	2395.41
U424	0.55			5.96	14.49
U430					126.52
U448					
U450					
U599					
U791					
U792					
WAA	0.38				

Notes:
µg/L = micrograms per liter; COC = contaminant of concern.

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
31	0.46	Plume		No data		No data		No data		No data
41	0.00	Well	0.82	Well	0.00	Well	0.00	Well	2.10	Well
71		No data		No data		No data		No data		No data
111	0.00	Well	1.40	Well	0.00	Well	310.00	Well	24.77	Plume
112	0.44	Plume	20.04	Plume		No data	22.88	Plume		No data
113	1.36	Plume	16.80	Plume		No data		No data		No data
115		No data		No data		No data	23.30	Plume		No data
116	0.49	Plume	6.94	Plume		No data	4.35	Plume		No data
117	2.47	Plume	6.94	Plume		No data		No data		No data
118		No data		No data		No data		No data		No data
121		No data		No data		No data	4.50	Plume		No data
122		No data		No data		No data	17.53	Plume		No data
123		No data		No data		No data	7.06	Plume		No data
125		No data		No data		No data		No data		No data
131	1.14	Plume	8.05	Plume	0.00	Well	1.50	Well	9.91	Plume
133		No data	7.64	Plume		No data		No data		No data
134	0.00	Well	6.62	Plume	0.00	Well	0.00	Well	0.00	Well
135	0.00	Well	6.62	Plume	0.00	Well	0.00	Well	0.00	Well
140		No data	7.10	Plume		No data		No data		No data
141	1.84	Plume	4.20	Well	0.00	Well	0.00	Well	80.00	Well
142	1.81	Plume		No data		No data		No data	25.07	Plume
143	1.84	Plume		No data		No data		No data	14.98	Plume
144	1.50	Plume	5.56	Plume	0.00	Well	0.00	Well	0.00	Well
151	0.84	Plume		No data		No data		No data		No data
152		No data		No data		No data		No data		No data
153		No data		No data		No data		No data		No data
154	0.72	Plume		No data		No data		No data	10.40	Plume
155	1.03	Plume		No data		No data		No data		No data
161	0.00	Well	7.14	Plume	0.00	Well	0.56	Well	110.00	Well
162	0.00	Well	7.14	Plume	0.00	Well	0.50	Well	16.06	Plume
164		No data		No data		No data		No data		No data
165	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
166	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
169	0.00	Well	2.00	Well	0.00	Well	0.62	Well	11.30	Plume
170	0.00	Well	0.66	Well	0.00	Well	0.00	Well	0.00	Well
172	0.00	Well	6.61	Plume	1.60	Well	1.30	Well	175.48	Plume
173		No data		No data		No data		No data	17.82	Plume
174		No data		No data		No data		No data	35.12	Plume
175	0.00	Well	0.00	Well	0.00	Well	0.00	Well	16.43	Plume
176		No data		No data		No data		No data	17.82	Plume
177		No data	6.28	Plume		No data		No data	76.73	Plume
179		No data		No data		No data		No data	17.27	Plume
181	0.00	Well	0.00	Well	0.00	Well	0.00	Well	12.64	Plume

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
182		No data		No data		No data		No data	23.26	Plume
183	0.00	Well	1.20	Well	0.00	Well	0.86	Well	16.41	Plume
187		No data		No data		No data	4.72	Plume		No data
190		No data		No data		No data	4.19	Plume	23.22	Plume
191		No data		No data		No data		No data		No data
194		No data		No data		No data		No data	35.88	Plume
195		No data		No data		No data		No data		No data
196		No data		No data		No data		No data		No data
197	0.00	Well	0.00	Well	0.00	Well	6.00	Well	74.00	Well
198		No data		No data		No data		No data	35.88	Plume
211	5.71	Plume	19.90	Plume	0.00	Well	1.30	Well	11.84	Plume
212	1.14	Plume	27.80	Plume	0.00	Well	0.00	Well	5.10	Well
214	4.91	Plume	25.68	Plume		No data	6.91	Plume	28.79	Plume
216	5.71	Plume	20.88	Plume	0.00	Well	4.43	Plume	19.63	Plume
217	2.56	Plume	25.68	Plume		No data	20.59	Plume	46.46	Plume
218	2.56	Plume	30.25	Plume	0.00	Well	9.75	Plume	30.83	Plume
219	0.49	Plume	17.02	Plume		No data	4.98	Plume	9.79	Plume
221	0.00	Well	1.60	Well	0.00	Well	32.00	Well	12.62	Plume
223	0.00	Well	1.60	Well	0.00	Well	32.00	Well	7.90	Well
224	0.00	Well	0.91	Well	0.00	Well	4.34	Plume	10.30	Plume
225	0.00	Well	1.60	Well	0.00	Well	32.00	Well	28.60	Plume
226	1.94	Plume	17.23	Plume	0.00	Well	23.42	Plume	49.70	Plume
231	0.45	Plume	8.05	Plume	0.00	Well	1.50	Well	2.10	Well
232		No data		No data		No data		No data		No data
233		No data		No data		No data		No data		No data
234		No data		No data		No data		No data		No data
235	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
239		No data		No data		No data	23.82	Plume		No data
241	0.94	Plume	5.91	Plume		No data		No data		No data
242	0.50	Plume	4.78	Plume		No data		No data		No data
243	0.89	Plume	5.40	Plume		No data		No data		No data
251	0.81	Plume		No data		No data		No data		No data
252	0.57	Plume	7.18	Plume		No data		No data		No data
253	0.58	Plume	10.96	Plume		No data		No data		No data
254	0.61	Plume	20.53	Plume	0.00	Well	0.00	Well	1.20	Well
255	0.63	Plume	18.52	Plume		No data		No data		No data
256	0.61	Plume	14.70	Plume		No data		No data		No data
261		No data		No data		No data		No data		No data
262		No data		No data		No data		No data		No data
264	0.37	Plume		No data		No data		No data		No data
265		No data		No data		No data		No data		No data
266	0.38	Plume		No data		No data		No data		No data
271		No data	20.82	Plume		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
272		No data		No data		No data		No data	28.39	Plume
273	0.00	Well	12.00	Well	0.00	Well	1.80	Well	23.33	Plume
274		No data		No data		No data		No data		No data
275		No data	14.87	Plume		No data		No data		No data
276		No data	9.06	Plume		No data		No data		No data
280		No data		No data		No data		No data		No data
281		No data		No data		No data		No data		No data
282		No data		No data		No data		No data		No data
284	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.91	Well
291		No data		No data		No data		No data		No data
292	0.00	Well	0.00	Well	0.00	Well	0.00	Well	2.20	Well
293	0.00	Well	0.00	Well	0.00	Well	0.00	Well	1.20	Well
294	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.91	Well
297	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
298	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
299		No data		No data		No data		No data		No data
310	0.39	Plume	14.51	Plume		No data	23.12	Plume	29.55	Plume
311		No data		No data		No data	11.73	Plume		No data
312	0.00	Well	3.00	Well	0.00	Well	0.00	Well	0.00	Well
313		No data	5.13	Plume		No data	16.44	Plume		No data
314	0.00	Well	5.20	Well	0.00	Well	0.00	Well	0.00	Well
315		No data	5.60	Plume		No data	5.24	Plume		No data
316		No data		No data		No data	15.90	Plume		No data
317	0.42	Plume	14.51	Plume		No data	13.76	Plume	23.20	Plume
318	0.78	Plume	28.42	Plume		No data	9.90	Plume	21.26	Plume
319	0.00	Well	6.44	Plume	0.00	Well	4.88	Plume	0.00	Well
322		No data		No data		No data	41.06	Plume		No data
323		No data		No data		No data	11.72	Plume		No data
324	0.32	Plume		No data		No data	16.75	Plume		No data
326		No data		No data		No data	41.06	Plume		No data
327		No data		No data		No data	35.88	Plume		No data
329		No data		No data		No data	28.95	Plume		No data
331	0.00	Well	1.50	Well	0.00	Well	39.38	Plume	8.40	Well
332		No data		No data		No data	39.38	Plume	9.65	Plume
334	0.00	Well	1.50	Well	0.00	Well	18.00	Well	9.65	Plume
335		No data		No data		No data	16.64	Plume	11.38	Plume
336		No data		No data		No data	40.30	Plume		No data
337		No data		No data		No data	6.65	Plume		No data
341		No data		No data		No data	5.38	Plume	10.70	Plume
343		No data		No data		No data	4.91	Plume		No data
345	0.00	Well	0.78	Well	0.00	Well	5.06	Plume	20.95	Plume
354	0.68	Plume	9.69	Plume		No data		No data		No data
361	0.32	Plume	4.54	Plume		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
362	0.53	Plume		No data		No data		No data		No data
363		No data		No data		No data		No data		No data
364		No data	5.78	Plume		No data		No data		No data
365		No data	7.81	Plume		No data		No data		No data
366		No data		No data		No data		No data		No data
367		No data	5.78	Plume		No data		No data		No data
368		No data	6.88	Plume		No data		No data		No data
373	0.00	Well	44.34	Plume	0.00	Well	0.00	Well	29.04	Plume
376		No data	21.96	Plume		No data		No data	58.50	Plume
378		No data		No data		No data		No data	12.18	Plume
379	0.00	Well	16.90	Plume	0.00	Well	0.00	Well	62.91	Plume
381		No data	24.68	Plume		No data		No data	12.35	Plume
382		No data		No data		No data		No data		No data
383		No data		No data		No data		No data		No data
391		No data		No data		No data		No data		No data
392		No data		No data		No data		No data		No data
404	8.40	Well	0.91	Well	12.66	Plume	53.01	Plume	173.35	Plume
405	8.40	Well	0.94	Well	14.86	Plume	138.80	Plume	413.35	Plume
406	1.06	Plume	10.29	Plume	0.00	Well	0.51	Well	10.16	Plume
411	34.00	Well	39.06	Plume	129.43	Plume	190.04	Plume	2395.41	Plume
415		No data	5.07	Plume		No data		No data		No data
418	41.00	Well	13.56	Plume	8.50	Well	35.00	Well	2018.76	Plume
423	0.81	Plume		No data		No data		No data	12.35	Plume
431	0.81	Plume	0.00	Well	0.00	Well	4.95	Plume	15.24	Plume
432	0.00	Well	0.00	Well	0.00	Well	0.00	Well	13.48	Plume
433	0.00	Well	0.00	Well	0.00	Well	0.00	Well	2.60	Well
435	0.00	Well	0.00	Well	0.00	Well	9.00	Well	59.86	Plume
436		No data		No data		No data	4.57	Plume	27.19	Plume
438		No data		No data		No data		No data	12.17	Plume
439	0.00	Well	1.10	Well	0.00	Well	7.57	Plume	40.61	Plume
442		No data		No data		No data	5.51	Plume	45.77	Plume
443		No data		No data		No data	4.53	Plume	46.76	Plume
444		No data		No data		No data		No data	33.56	Plume
445		No data		No data		No data	6.46	Plume	65.22	Plume
446		No data		No data		No data	8.94	Plume	72.11	Plume
449	0.00	Well	2.60	Well	0.00	Well	4.71	Plume	42.86	Plume
451	0.00	Well	1.20	Well	0.00	Well	0.00	Well	10.99	Plume
452		No data		No data		No data		No data		No data
453	0.00	Well	2.80	Well	0.00	Well	0.91	Well	20.06	Plume
470		No data	8.72	Plume		No data		No data		No data
471	9.84	Plume	0.00	Well	0.00	Well	0.00	Well	570.70	Plume
472	2.38	Plume	0.84	Well	0.00	Well	0.00	Well	32.01	Plume
473	0.52	Plume		No data		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Carbon tetrachloride Source of max data	Chloroform µg/L	Chloroform Source of max data	1,2-dichloroethane µg/L	1,2-dichloroethane Source of max data	Tetrachloroethene µg/L	Tetrachloroethene Source of max data	Trichloroethene µg/L	Trichloroethene Source of max data
481		No data	10.44	Plume		No data		No data		No data
482	0.40	Plume	34.00	Well	0.00	Well	0.61	Well	0.00	Well
490		No data		No data		No data		No data		No data
491		No data		No data		No data		No data		No data
492		No data		No data		No data		No data		No data
493		No data		No data		No data		No data		No data
494		No data		No data		No data		No data		No data
509	58.21	Plume	14.48	Plume	16.46	Plume	43.35	Plume	2100.00	Well
510	130.48	Plume	35.09	Plume	77.97	Plume	510.47	Plume	604.02	Plume
511	313.27	Plume	35.09	Plume	77.97	Plume	510.47	Plume	2100.00	Well
512	58.83	Plume	18.01	Plume	4.60	Well	79.37	Plume	2100.00	Well
515	38.19	Plume	7.27	Plume		No data	84.75	Plume	125.06	Plume
516	8.40	Well	5.34	Plume	14.86	Plume	153.00	Plume	425.08	Plume
517	8.15	Plume	5.34	Plume	0.00	Well	153.00	Plume	425.08	Plume
518	0.81	Plume	0.00	Well	0.00	Well	26.67	Plume	79.00	Plume
519	38.19	Plume	17.09	Plume	15.07	Plume	129.33	Plume	125.27	Plume
520	38.19	Plume	7.27	Plume		No data	84.75	Plume	125.06	Plume
522	19.64	Plume	4.90	Plume		No data	37.08	Plume	179.01	Plume
523	19.64	Plume	6.30	Well	0.80	Well	37.08	Plume	179.01	Plume
525	27.82	Plume	6.46	Plume		No data	65.53	Plume	265.23	Plume
531	4.80	Well	64.00	Well	17.39	Plume	100.00	Well	930.00	Well
532	4.80	Well	64.00	Well	15.00	Well	100.00	Well	930.00	Well
533	3.90	Plume	35.00	Well	2.80	Well	25.38	Plume	197.83	Plume
543	2.41	Plume	13.00	Well	1.00	Well	150.00	Well	290.00	Well
571		No data		No data		No data		No data	13.41	Plume
581	0.57	Plume		No data		No data		No data		No data
582		No data		No data		No data		No data		No data
583		No data		No data		No data		No data		No data
591		No data		No data		No data		No data		No data
597		No data		No data		No data		No data		No data
610	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
611	0.45	Plume	0.00	Well	0.00	Well	0.00	Well	0.83	Well
612	11.13	Plume		No data		No data	21.61	Plume	39.66	Plume
614	0.45	Plume	0.00	Well	0.00	Well	0.00	Well	0.83	Well
615		No data		No data		No data		No data		No data
616		No data		No data		No data		No data		No data
619		No data		No data		No data		No data		No data
622		No data		No data		No data		No data		No data
624		No data		No data		No data		No data		No data
625	1.38	Plume		No data		No data	4.31	Plume	21.79	Plume
642	0.00	Well	5.10	Well	0.00	Well	0.00	Well	0.00	Well
643	0.00	Well	5.10	Well	0.00	Well	0.00	Well	0.00	Well
651		No data		No data		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Carbon tetrachloride Source of max data	Chloroform µg/L	Chloroform Source of max data	1,2-dichloroethane µg/L	1,2-dichloroethane Source of max data	Tetrachloroethene µg/L	Tetrachloroethene Source of max data	Trichloroethene µg/L	Trichloroethene Source of max data
652		No data		No data		No data		No data		No data
653		No data		No data		No data		No data		No data
654		No data		No data		No data		No data		No data
655		No data		No data		No data		No data		No data
661		No data		No data		No data		No data		No data
663		No data		No data		No data		No data		No data
667		No data		No data		No data		No data		No data
671		No data		No data		No data		No data		No data
681	0.69	Plume		No data		No data		No data		No data
684	0.33	Plume		No data		No data		No data		No data
685	0.58	Plume		No data		No data		No data		No data
691		No data		No data		No data		No data		No data
693	0.50	Plume		No data		No data		No data		No data
694	0.70	Plume		No data		No data		No data		No data
695	0.57	Plume		No data		No data		No data		No data
696		No data		No data		No data		No data		No data
697		No data		No data		No data		No data		No data
1277		No data		No data		No data		No data		No data
1288		No data		No data		No data		No data		No data
1399	0.67	Plume		No data		No data		No data		No data
1601	0.00	Well	4.50	Plume	0.00	Well	0.00	Well	0.00	Well
1602		No data		No data		No data		No data		No data
1631	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
1632		No data		No data		No data		No data		No data
1677		No data		No data		No data		No data	11.05	Plume
1678		No data		No data		No data		No data	11.05	Plume
1680		No data	6.28	Plume		No data		No data	39.21	Plume
1710	0.00	Well	6.35	Plume	0.00	Well	0.00	Well	25.83	Plume
1713	0.00	Well	4.20	Well	0.00	Well	1.40	Well	19.00	Well
1714		No data		No data		No data		No data	11.69	Plume
1726	0.00	Well	0.00	Well	0.00	Well	0.00	Well	49.67	Plume
1727		No data		No data		No data		No data	10.47	Plume
1730	0.00	Well	4.20	Well	0.00	Well	1.40	Well	19.00	Well
1735	0.00	Well	5.17	Plume	0.00	Well	1.40	Well	19.00	Well
1736	0.00	Well	2.00	Well	0.00	Well	0.62	Well	12.03	Plume
1739	0.00	Well	6.40	Plume	1.30	Well	1.30	Well	175.48	Plume
1802		No data		No data		No data		No data	16.06	Plume
1826		No data		No data		No data		No data	37.53	Plume
1878	0.00	Well	0.00	Well	0.00	Well	6.00	Well	74.00	Well
1879		No data		No data		No data	6.80	Plume	36.97	Plume
1884		No data		No data		No data		No data	35.90	Plume
1885		No data		No data		No data		No data	29.22	Plume
1886	0.00	Well	0.00	Well	0.00	Well	6.00	Well	74.00	Well

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
1887		No data		No data		No data	7.14	Plume	36.97	Plume
1888		No data		No data		No data	7.14	Plume	54.62	Plume
1889	0.00	Well	0.00	Well	0.00	Well	5.99	Plume	19.73	Plume
1899	0.00	Well	0.00	Well	0.00	Well	0.00	Well	2.00	Well
1925		No data		No data		No data		No data		No data
1927		No data		No data		No data		No data		No data
2180	2.56	Plume	27.65	Plume		No data	9.91	Plume	36.20	Plume
2418	0.36	Plume		No data		No data		No data		No data
2420	0.48	Plume		No data		No data		No data		No data
2512	0.59	Plume	8.59	Plume		No data		No data		No data
2525	0.61	Plume	12.54	Plume		No data		No data		No data
2552	0.64	Plume	4.57	Plume		No data		No data		No data
2554	0.61	Plume	20.53	Plume	0.00	Well	0.00	Well	1.20	Well
2580	0.63	Plume	6.39	Plume		No data		No data		No data
2599	0.62	Plume	8.88	Plume		No data		No data		No data
2625		No data		No data		No data		No data		No data
2627		No data		No data		No data		No data		No data
2632		No data		No data		No data		No data		No data
2679		No data		No data		No data		No data		No data
2684		No data		No data		No data		No data		No data
2685		No data		No data		No data		No data		No data
2687		No data		No data		No data		No data		No data
2701		No data	26.15	Plume		No data		No data	10.83	Plume
2726	0.00	Well	12.00	Well	0.00	Well	1.80	Well	15.86	Plume
2727	0.00	Well	12.00	Well	0.00	Well	1.80	Well	23.33	Plume
2728		No data		No data		No data		No data	10.13	Plume
2775		No data		No data		No data		No data	28.39	Plume
2777		No data		No data		No data		No data		No data
2787		No data	26.15	Plume		No data		No data	10.83	Plume
2801		No data		No data		No data		No data		No data
2802		No data		No data		No data		No data		No data
2806		No data		No data		No data		No data		No data
2808		No data		No data		No data		No data		No data
2825		No data		No data		No data		No data		No data
2925		No data		No data		No data		No data		No data
3180		No data	6.86	Plume		No data	21.32	Plume	9.77	Plume
3203		No data		No data		No data	37.29	Plume		No data
3204		No data		No data		No data	37.29	Plume		No data
3226		No data		No data		No data	38.43	Plume		No data
3340		No data		No data		No data	12.03	Plume	11.16	Plume
3399	0.39	Plume		No data		No data	26.17	Plume		No data
3526		No data		No data		No data		No data		No data
3527	0.33	Plume		No data		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
3555		No data		No data		No data		No data		No data
3577		No data		No data		No data		No data		No data
3649		No data		No data		No data		No data		No data
3724	0.00	Well	49.47	Plume	0.00	Well	0.00	Well	36.31	Plume
3725	0.00	Well	53.78	Plume	0.00	Well	0.00	Well	72.91	Plume
3726		No data	53.36	Plume		No data		No data	70.78	Plume
3751	0.00	Well	30.92	Plume	0.00	Well	0.00	Well	72.91	Plume
3775		No data	44.55	Plume		No data		No data	59.93	Plume
3777	0.00	Well	8.72	Plume	0.00	Well	0.00	Well	11.06	Plume
3925		No data		No data		No data		No data		No data
3982		No data		No data		No data		No data		No data
4113	4.76	Plume	29.02	Plume	0.00	Well	14.58	Plume	1260.73	Plume
4198		No data		No data		No data		No data		No data
4199	0.87	Plume	0.00	Well	33.87	Plume	0.00	Well	12.19	Plume
4227		No data		No data		No data		No data	10.57	Plume
4297	0.00	Well	0.00	Well	0.00	Well	0.00	Well	11.59	Plume
4298	0.34	Plume		No data		No data		No data	22.29	Plume
4299	0.56	Plume	0.00	Well	0.00	Well	0.00	Well	45.49	Plume
4302	0.00	Well	0.00	Well	0.00	Well	9.00	Well	38.17	Plume
4316		No data		No data		No data	3.73	Plume		No data
4321		No data		No data		No data		No data	9.73	Plume
4352	0.00	Well	1.30	Well	0.00	Well	110.00	Well	110.00	Well
4377	0.00	Well	0.68	Well	0.00	Well	15.00	Well	100.00	Well
4378		No data		No data		No data	5.56	Plume	16.55	Plume
4382	0.00	Well	0.00	Well	0.00	Well	9.00	Well	38.17	Plume
4383		No data		No data		No data	12.04	Plume	35.41	Plume
4384	0.00	Well	0.00	Well	0.00	Well	12.04	Plume	35.41	Plume
4385	0.00	Well	0.00	Well	0.00	Well	0.00	Well	9.73	Plume
4387	0.00	Well	0.00	Well	0.00	Well	3.84	Plume	16.55	Plume
4388		No data		No data		No data	9.06	Plume	64.50	Plume
4399	0.00	Well	7.83	Plume	0.00	Well	1.10	Well	21.00	Well
4406		No data		No data		No data	4.14	Plume	51.68	Plume
4410		No data		No data		No data	5.38	Plume	56.49	Plume
4475	0.00	Well	0.68	Well	0.00	Well	15.00	Well	100.00	Well
4525		No data		No data		No data		No data		No data
4576		No data		No data		No data		No data		No data
4675		No data		No data		No data		No data		No data
4725	0.64	Plume		No data		No data		No data		No data
4726	1.06	Plume	2.50	Well	0.00	Well	0.00	Well	10.16	Plume
4727	0.45	Plume	6.10	Plume		No data		No data		No data
4728		No data	4.54	Plume		No data		No data		No data
4729	0.37	Plume	10.29	Plume	0.00	Well	0.00	Well	2.80	Well
4905		No data		No data		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Carbon tetrachloride Source of max data	Chloroform µg/L	Chloroform Source of max data	1,2-dichloroethane µg/L	1,2-dichloroethane Source of max data	Tetrachloroethene µg/L	Tetrachloroethene Source of max data	Trichloroethene µg/L	Trichloroethene Source of max data
4906		No data		No data		No data		No data		No data
4924		No data		No data		No data		No data		No data
4926	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
4997	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
4998		No data		No data		No data		No data		No data
4999		No data		No data		No data		No data		No data
5104	1.50	Plume	0.00	Well	0.00	Well	4.20	Well	9.84	Plume
5105	27.82	Plume	4.90	Plume		No data	54.80	Plume	179.01	Plume
5125	27.82	Plume	9.19	Plume		No data	65.53	Plume	438.29	Plume
5198	0.00	Well	0.00	Well	0.00	Well	5.60	Well	32.00	Well
5207	25.51	Plume	12.75	Plume	0.51	Well	24.01	Plume	2100.00	Well
5225	17.12	Plume	6.41	Plume		No data	35.31	Plume	299.14	Plume
5226	9.42	Plume	6.30	Well	0.80	Well	20.52	Plume	263.38	Plume
5299	13.11	Plume	6.30	Well	0.80	Well	26.75	Plume	86.00	Well
5425	7.54	Plume	52.00	Well	70.09	Plume	46.37	Plume	340.00	Well
5426	10.18	Plume	18.03	Plume	17.72	Plume	17.10	Plume	251.60	Plume
5475	10.18	Plume	52.00	Well	70.09	Plume	78.53	Plume	791.39	Plume
5477	4.80	Well	64.00	Well	15.00	Well	100.00	Well	930.00	Well
5626	1.58	Plume		No data	13.19	Plume	114.38	Plume	99.59	Plume
5627	5.89	Plume	2.00	Well	0.96	Well	38.39	Plume	108.16	Plume
5675	27.84	Plume	11.04	Plume		No data	82.42	Plume	30.47	Plume
5997		No data		No data		No data		No data		No data
5998		No data		No data		No data		No data		No data
5999		No data		No data		No data		No data		No data
6127	21.03	Plume		No data		No data	42.08	Plume	67.60	Plume
6167	9.42	Plume		No data		No data	18.00	Plume	36.63	Plume
6178	2.41	Plume		No data		No data	5.31	Plume	16.64	Plume
6179	11.13	Plume		No data		No data	21.61	Plume	39.66	Plume
6198	6.47	Plume		No data		No data	13.55	Plume	32.84	Plume
6199	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
6205		No data		No data		No data		No data		No data
6206		No data		No data		No data		No data		No data
6298		No data		No data		No data		No data		No data
6299		No data		No data		No data		No data		No data
6301		No data		No data		No data		No data		No data
6325	2.78	Plume	41.83	Plume		No data	17.42	Plume	278.92	Plume
6424	1.02	Plume	0.00	Well	0.00	Well	0.00	Well	0.00	Well
6425		No data		No data		No data		No data		No data
6426	1.02	Plume	0.00	Well	0.00	Well	0.00	Well	11.90	Plume
6475		No data		No data		No data		No data		No data
6497	0.47	Plume		No data		No data		No data	11.99	Plume
6498	1.02	Plume	0.00	Well	0.00	Well	0.00	Well	0.00	Well
6499	1.83	Plume		No data		No data	5.45	Plume	31.88	Plume

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Carbon tetrachloride Source of max data	Chloroform µg/L	Chloroform Source of max data	1,2-dichloroethane µg/L	1,2-dichloroethane Source of max data	Tetrachloroethene µg/L	Tetrachloroethene Source of max data	Trichloroethene µg/L	Trichloroethene Source of max data
6501		No data		No data		No data		No data		No data
6525		No data		No data		No data		No data		No data
6526		No data		No data		No data		No data		No data
6527		No data		No data		No data		No data		No data
6575		No data		No data		No data		No data		No data
6675		No data		No data		No data		No data		No data
6925	0.41	Plume		No data		No data		No data		No data
6926		No data		No data		No data		No data		No data
6928		No data		No data		No data		No data		No data
6929	0.77	Plume		No data		No data		No data		No data
6930	0.71	Plume		No data		No data		No data		No data
6931	0.79	Plume		No data		No data		No data		No data
6951		No data		No data		No data		No data		No data
02MFEST	0.00	Well	0.00	Well	0.00	Well	0.00	Well	1.40	Well
132N	0.85	Plume	8.20	Well	0.00	Well	4.20	Well	10.68	Plume
132S	0.00	Well	4.78	Plume	0.00	Well	0.00	Well	0.00	Well
170 Courtyard		No data		No data		No data		No data		No data
170A		No data		No data		No data		No data		No data
194A		No data		No data		No data		No data		No data
196A		No data		No data		No data		No data		No data
231A	0.00	Well	0.91	Well	0.00	Well	2.00	Well	7.90	Well
297A	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
321A	0.00	Well	12.80	Plume	0.00	Well	32.00	Well	49.70	Plume
321B		No data		No data		No data	28.13	Plume	9.61	Plume
321C		No data	4.41	Plume		No data	37.05	Plume	9.77	Plume
321D		No data	8.25	Plume		No data	27.76	Plume	24.37	Plume
321E		No data		No data		No data	30.01	Plume		No data
321F		No data		No data		No data	32.85	Plume		No data
321G		No data		No data		No data	41.06	Plume		No data
322A		No data		No data		No data	37.29	Plume		No data
335A		No data		No data		No data	11.31	Plume	11.53	Plume
335B		No data		No data		No data	11.31	Plume	14.23	Plume
4997A		No data		No data		No data		No data		No data
4998A		No data		No data		No data		No data		No data
514A	74.08	Plume	17.91	Plume	32.93	Plume	139.44	Plume	498.79	Plume
517A	8.15	Plume	5.34	Plume	0.00	Well	153.00	Plume	425.08	Plume
518A	1.20	Well	0.00	Well	0.00	Well	4.20	Well	17.50	Plume
519A	3.64	Plume	7.81	Plume	0.00	Well	55.84	Plume	88.57	Plume
551E	1.49	Plume	2.30	Well	57.27	Plume	343.14	Plume	106.34	Plume
551W	1.49	Plume	2.80	Well	0.00	Well	1.60	Well	79.49	Plume
581A		No data		No data		No data		No data		No data
581B		No data		No data		No data		No data		No data
581C		No data		No data		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
597A		No data		No data		No data		No data		No data
5998A		No data		No data		No data		No data		No data
612A	11.13	Plume	0.00	Well	0.00	Well	21.61	Plume	39.66	Plume
6197B		No data		No data		No data		No data		No data
6199A		No data		No data		No data		No data		No data
6199B		No data		No data		No data		No data		No data
6199D		No data		No data		No data		No data		No data
6299A		No data		No data		No data		No data		No data
6299B		No data		No data		No data		No data		No data
NBNF01		No data		No data		No data		No data		No data
NBNF02		No data		No data		No data		No data		No data
NBNF03		No data		No data		No data		No data		No data
NBNF04		No data		No data		No data		No data		No data
NBNF05		No data		No data		No data		No data		No data
NBNF06		No data		No data		No data		No data		No data
NBNF07	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
NBNF08		No data		No data		No data		No data	14.08	Plume
NBNF09		No data		No data		No data		No data	17.45	Plume
NBNF10		No data		No data		No data		No data	13.74	Plume
NBNF11		No data		No data		No data		No data	17.53	Plume
NBNF12		No data		No data		No data		No data	33.55	Plume
NBNF13		No data		No data		No data		No data	43.82	Plume
NBNF14		No data		No data		No data		No data	43.82	Plume
NBNF15	0.00	Well	0.62	Well	0.00	Well	4.72	Plume	3.60	Well
NBNF16	0.00	Well	0.00	Well	0.00	Well	0.00	Well	2.00	Well
NBNF17		No data		No data		No data		No data		No data
NBNF18		No data		No data		No data		No data		No data
NBNF19		No data		No data		No data		No data		No data
NBNF20	0.00	Well	0.56	Well	0.00	Well	0.00	Well	0.00	Well
NBNF21	0.00	Well	0.56	Well	0.00	Well	0.00	Well	0.00	Well
NBNF22		No data		No data		No data		No data		No data
NBNF23		No data		No data		No data		No data	19.80	Plume
NBNF24		No data		No data		No data		No data		No data
NBNF25		No data		No data		No data		No data		No data
NBNF26		No data		No data		No data		No data	17.27	Plume
NBNF27	0.00	Well	0.00	Well	0.00	Well	0.00	Well	21.34	Plume
NBNF28		No data		No data		No data		No data		No data
NBNF29		No data		No data		No data		No data		No data
NBNF30	0.95	Plume		No data		No data		No data		No data
NBNF31	0.00	Well	44.34	Plume	0.00	Well	0.00	Well	26.94	Plume
NBNF32		No data	6.90	Plume		No data		No data		No data
NBNF33	0.00	Well	10.30	Plume	0.00	Well	0.00	Well	38.26	Plume
NBNF34		No data	6.90	Plume		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride µg/L	Carbon tetrachloride Source of max data	Chloroform µg/L	Chloroform Source of max data	1,2-dichloroethane µg/L	1,2-dichloroethane Source of max data	Tetrachloroethene µg/L	Tetrachloroethene Source of max data	Trichloroethene µg/L	Trichloroethene Source of max data
NBNF35		No data	5.26	Plume		No data		No data		No data
NBNF36		No data	5.26	Plume		No data		No data		No data
NBNF37		No data		No data		No data		No data		No data
NBNF38		No data		No data		No data		No data		No data
NBNF39	0.00	Well	1.20	Well	0.00	Well	0.00	Well	1.20	Well
NBNF40	0.61	Plume		No data		No data	5.11	Plume	79.49	Plume
NBNF42		No data		No data		No data		No data		No data
NBNF43	0.00	Well	1.20	Well	0.00	Well	0.00	Well	1.20	Well
NBNF44		No data		No data		No data	9.06	Plume	64.50	Plume
NBNF45	0.00	Well	1.20	Well	0.00	Well	0.00	Well	1.20	Well
NBNF46	0.00	Well	0.00	Well	0.00	Well	0.00	Well	1.40	Well
NBNF47		No data		No data		No data	5.24	Plume	33.74	Plume
NBNF48	0.00	Well	1.50	Well	0.00	Well	22.10	Plume	8.40	Well
NBNF49		No data		No data		No data	28.17	Plume		No data
NBNF50		No data		No data		No data	28.35	Plume		No data
NBNF51		No data		No data		No data		No data		No data
NBNF52	78.96	Plume	12.22	Plume	129.43	Plume	190.04	Plume	2395.41	Plume
NBNF53	5.19	Plume	10.34	Plume	0.00	Well	106.20	Plume	259.71	Plume
NBNF54	0.38	Plume	0.00	Well	0.00	Well	0.00	Well	17.50	Plume
NBNF55	3.64	Plume	7.11	Plume	0.00	Well	45.03	Plume	59.44	Plume
NBNF56	19.64	Plume		No data		No data	37.08	Plume	87.16	Plume
NBNF57		No data		No data		No data		No data		No data
NBNF58		No data		No data		No data		No data		No data
NBNF59		No data		No data		No data		No data		No data
NBNF60	0.34	Plume		No data		No data		No data		No data
NBNF61		No data		No data		No data		No data		No data
NBNF62		No data		No data		No data		No data		No data
NBNF63		No data		No data		No data		No data		No data
NBNF64		No data		No data		No data		No data		No data
NBNF65		No data		No data		No data		No data		No data
NBNF66		No data		No data		No data		No data		No data
NBNF67		No data		No data		No data		No data		No data
NBNF68	0.37	Plume		No data		No data		No data		No data
NBNF69		No data		No data		No data		No data		No data
NBNF70		No data		No data		No data		No data		No data
OS174		No data		No data		No data		No data	29.12	Plume
OS270		No data	8.20	Plume		No data		No data		No data
OS454		No data		No data		No data		No data		No data
OS455		No data		No data		No data		No data		No data
OS495		No data		No data		No data		No data		No data
OS682		No data		No data		No data		No data		No data
OS683	0.33	Plume		No data		No data		No data		No data
U119		No data		No data		No data		No data		No data

Table F-1-4. List of buildings and the maximum concentration for each COC that exceeded the groundwater screening value observed in a well or plume in the first water-bearing zone within 100 feet of the building footprint.

Building number	Carbon tetrachloride		Chloroform		1,2-dichloroethane		Tetrachloroethene		Trichloroethene	
	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data	µg/L	Source of max data
U193	0.00	Well	0.00	Well	0.00	Well	0.00	Well	0.00	Well
U313A		No data	4.76	Plume		No data	18.87	Plume		No data
U313B		No data		No data		No data	18.87	Plume		No data
U325	0.56	Plume		No data		No data	18.90	Plume		No data
U328C		No data		No data		No data	16.75	Plume		No data
U416	41.00	Well	17.91	Plume	129.43	Plume	190.04	Plume	2395.41	Plume
U424	0.55	Plume		No data		No data	5.96	Plume	14.49	Plume
U430	0.00	Well	0.00	Well	0.00	Well	1.10	Well	126.52	Plume
U448		No data		No data		No data		No data		No data
U450		No data		No data		No data		No data		No data
U599		No data		No data		No data		No data		No data
U791		No data		No data		No data		No data		No data
U792		No data		No data		No data		No data		No data
WAA	0.38	Plume		No data		No data		No data		No data

Notes:
µg/L = micrograms per liter; COC = contaminant of concern.

Table F-1-5. Site specific groundwater screening levels for LLNL.

COC	CAS#	Groundwater screening level µg/L[1]	Reference
1,1,1-trichloroethane	71-55-6	7,700	VISL + DTSC
1,1,2-trichloroethane	79-00-5	29	VISL
1,1-dichloroethane	75-34-3	41	VISL
1,1-dichloroethene	75-35-4	19	VISL
1,2-dichloroethane	107-06-2	12	VISL
Carbon tetrachloride	56-23-5	2.2	VISL
Chloroform	67-66-3	4.3	VISL
Tetrachloroethene	127-18-4	3.6	VISL + DTSC
Trichloroethene	79-01-6	9.3	VISL
Trichlorofluoromethane	75-69-4	1,600	VISL + DTSC
Trichlorotrifluoroethane	76-13-1	1,200	VISL
Vinyl chloride	75-01-4	0.16	VISL + DTSC
cis-1,2-dichloroethene	156-59-2	1,300	VISL
trans-1,2-dichloroethene	156-60-5	550	VISL

Notes:

[1] Screening levels are based on a TCR = 1E-06 or THQ = 1, groundwater temperature = 20 degC, and commercial exposure scenario.

CAS# = chemical abstracts service registry number; degC = degrees Celsius; µg/L = micrograms per liter; DTSC = California Department of Toxic Substances Control; EPA = U.S. Environmental Protection Agency; HERO = Human and Ecological Risk Office; LLNL = Lawrence Livermore National Laboratory; TCR = target cancer risk; THQ = target hazard quotient; VISL = vapor intrusion screening level.

Definitions of references:

VISL: EPA VISL calculator accessed on March 13, 2026 (https://epa-visl.ornl.gov/cgi-bin/visl_search)

VISL + DTSC: site-specific screening values determined using the EPA VISL calculator, accessed March 13, 2026 (https://epa-visl.ornl.gov/cgi-bin/visl_search), in conjunction with the toxicity values outlined in the DTSC HERO's Human Health Risk Assessment Note 10: Toxicity Criteria (February 2019; revised April 2025).

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
511	142.40	8.16	6.50	141.80	225.81	524.66	1	Included in long-term sampling program.
NBNF52	35.89	2.84	10.79	52.79	257.57	359.88	1	No sampling based on 2018-2019 campaign.
411	15.45	9.08	10.79	52.79	257.57	345.68	1	Included in long-term sampling program.
U416	18.64	4.16	10.79	52.79	257.57	343.95	1	Sampled during 2018-2019 campaign. No PCE or TCE detected.
510	59.31	8.16	6.50	141.80	64.95	280.71	1	No sampling based on 2018-2019 campaign.
512	26.74	4.19	0.38	22.05	225.81	279.17	1	Sampled during 2018-2019 campaign. No PCE or TCE detected.
509	26.46	3.37	1.37	12.04	225.81	269.05	1	No sampling based on 2018-2019 campaign.
418	18.64	3.15	0.71	9.72	217.07	249.29	1	Included in long-term sampling program.
5207	11.60	2.97	0.04	6.67	225.81	247.08	1	Sampled during 2018-2019 campaign. No PCE or TCE detected.
4113	2.17	6.75	0.00	4.05	135.56	148.53	2	No sampling based on 2018-2019 campaign.
531	2.18	14.88	1.45	27.78	100.00	146.29	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
532	2.18	14.88	1.25	27.78	100.00	146.09	2	Updated building layer received. Building has been removed. Sampled during 2018-2019 campaign. No PCE or TCE detected.
5477	2.18	14.88	1.25	27.78	100.00	146.09	2	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
514A	33.67	4.16	2.74	38.73	53.63	132.95	2	No sampling based on 2018-2019 campaign.
5475	4.63	12.09	5.84	21.81	85.10	129.47	2	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
551E	0.68	0.53	4.77	95.32	11.43	112.73	2	Included in long-term sampling program.
516	3.82	1.24	1.24	42.50	45.71	94.51	2	Included in long-term sampling program.
517	3.70	1.24	0.00	42.50	45.71	93.16	2	Included in long-term sampling program.
517A	3.70	1.24	0.00	42.50	45.71	93.16	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
111	0.00	0.33	0.00	86.11	2.66	89.10	2	Included in long-term sampling program.
405	3.82	0.22	1.24	38.55	44.45	88.28	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
5125	12.65	2.14		18.20	47.13	80.11	2	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
543	1.10	3.02	0.08	41.67	31.18	77.05	2	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
519	17.36	3.97	1.26	35.93	13.47	71.99	2	Included in long-term sampling program.
5425	3.43	12.09	5.84	12.88	36.56	70.80	2	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
471	4.47	0.00	0.00	0.00	61.37	65.84	2	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
NBNF53	2.36	2.40	0.00	29.50	27.93	62.19	2	No sampling based on 2018-2019 campaign.
525	12.65	1.50		18.20	28.52	60.87	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
515	17.36	1.69		23.54	13.45	56.04	2	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
520	17.36	1.69		23.54	13.45	56.04	2	No sampling based on 2018-2019 campaign.
5225	7.78	1.49		9.81	32.17	51.25	2	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
5105	12.65	1.14		15.22	19.25	48.26	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
6325	1.26	9.73		4.84	29.99	45.82	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
5626	0.72		1.10	31.77	10.71	44.30	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
4352	0.00	0.30	0.00	30.56	11.83	42.69	2	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
5426	4.63	4.19	1.48	4.75	27.05	42.10	2	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
5675	12.65	2.57		22.89	3.28	41.39	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
523	8.93	1.47	0.07	10.30	19.25	40.01	2	Included in long-term sampling program.
5226	4.28	1.47	0.07	5.70	28.32	39.83	2	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
522	8.93	1.14		10.30	19.25	39.61	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
533	1.77	8.14	0.23	7.05	21.27	38.46	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
404	3.82	0.21	1.05	14.72	18.64	38.45	2	Sampled during 2018-2019 campaign. No PCE or TCE detected.
NBNF56	8.93			10.30	9.37	28.60	3	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
6127	9.56			11.69	7.27	28.52	3	Sampled during 2018-2019 campaign. No PCE or TCE detected.
519A	1.66	1.82	0.00	15.51	9.52	28.51	3	Included in long-term sampling program.
5627	2.68	0.47	0.08	10.67	11.63	25.52	3	Included in long-term sampling program.
5299	5.96	1.47	0.07	7.43	9.25	24.17	3	No sampling based on 2018-2019 campaign.
NBNF55	1.66	1.65	0.00	12.51	6.39	22.21	3	No sampling based on 2018-2019 campaign.
172	0.00	1.54	0.13	0.36	18.87	20.90	3	
1739	0.00	1.49	0.11	0.36	18.87	20.83	3	
3725	0.00	12.51	0.00	0.00	7.84	20.35	3	
3726		12.41			7.61	20.02	3	
217	1.16	5.97		5.72	5.00	17.85	3	
321A	0.00	2.98	0.00	8.89	5.34	17.21	3	
3775		10.36			6.44	16.81	3	Updated building layer received. Building has been removed.
226	0.88	4.01	0.00	6.51	5.34	16.74	3	Updated building layer received. Building included in building rank.
518	0.37	0.00	0.00	7.41	8.49	16.27	3	No sampling based on 2018-2019 campaign.
3724	0.00	11.51	0.00	0.00	3.90	15.41	3	
612	5.06			6.00	4.26	15.33	3	
6179	5.06			6.00	4.26	15.33	3	
612A	5.06	0.00	0.00	6.00	4.26	15.33	3	Updated building layer received. Building included in building rank.
4377	0.00	0.16	0.00	4.17	10.75	15.08	3	Updated building layer received. Building has been removed.
4475	0.00	0.16	0.00	4.17	10.75	15.08	3	
3751	0.00	7.19	0.00	0.00	7.84	15.03	3	Updated building layer received. Building has been removed.
2180	1.16	6.43		2.75	3.89	14.24	3	Updated building layer received. Building has been removed.
218	1.16	7.03	0.00	2.71	3.31	14.22	3	
U430	0.00	0.00	0.00	0.31	13.60	13.91	3	Updated building layer received. Building included in building rank.
161	0.00	1.66	0.00	0.16	11.83	13.64	3	
373	0.00	10.31	0.00	0.00	3.12	13.43	3	
6167	4.28			5.00	3.94	13.22	3	
214	2.23	5.97		1.92	3.10	13.22	3	
NBNF31	0.00	10.31	0.00	0.00	2.90	13.21	3	Updated building layer received. Building has been removed.
310	0.18	3.37		6.42	3.18	13.15	3	Updated building layer received. Building included in building rank.
321C		1.03		10.29	1.05	12.37	4	
225	0.00	0.37	0.00	8.89	3.08	12.34	4	Updated building layer received. Building included in building rank.
321D		1.92		7.71	2.62	12.25	4	
331	0.00	0.35	0.00	10.94	0.90	12.19	4	
318	0.35	6.61		2.75	2.29	12.00	4	
332				10.94	1.04	11.98	4	
322				11.40		11.40	4	
326				11.40		11.40	4	Updated building layer received. Building has been removed.
321G				11.40		11.40	4	Updated building layer received. Building included in building rank.
376		5.11			6.29	11.40	4	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
112	0.20	4.66		6.36		11.22	4	
336				11.19		11.19	4	
216	2.59	4.86	0.00	1.23	2.11	10.79	4	
379	0.00	3.93	0.00	0.00	6.76	10.69	4	
3226				10.67		10.67	4	Updated building layer received. Building has been removed.
221	0.00	0.37	0.00	8.89	1.36	10.62	4	Updated building layer received. Building has been removed.
141	0.84	0.98	0.00	0.00	8.60	10.41	4	
3203				10.36		10.36	4	
3204				10.36		10.36	4	
322A				10.36		10.36	4	
551W	0.68	0.65	0.00	0.44	8.55	10.32	4	Included in long-term sampling program.
NBNF40	0.28			1.42	8.55	10.25	4	
446				2.48	7.75	10.24	4	
6198	2.94			3.76	3.53	10.24	4	
223	0.00	0.37	0.00	8.89	0.85	10.11	4	Updated building layer received. Building included in building rank.
327				9.97		9.97	4	
317	0.19	3.37		3.82	2.50	9.88	4	
177		1.46			8.25	9.71	4	Updated building layer received. Building included in building rank.
197	0.00	0.00	0.00	1.67	7.96	9.62	4	
1878	0.00	0.00	0.00	1.67	7.96	9.62	4	
1886	0.00	0.00	0.00	1.67	7.96	9.62	4	
4388				2.52	6.94	9.45	4	Updated building layer received. Building has been removed.
NBNF44				2.52	6.94	9.45	4	Updated building layer received. Building has been removed.
321F				9.13		9.13	4	Updated building layer received. Building included in building rank.
435	0.00	0.00	0.00	2.50	6.44	8.94	4	
211	2.59	4.63	0.00	0.36	1.27	8.85	4	
321B				7.81	1.03	8.85	4	
445				1.80	7.01	8.81	4	
3180		1.60		5.92	1.05	8.57	4	Updated building layer received. Building has been removed.
321E				8.34		8.34	4	
482	0.18	7.91	0.00	0.17	0.00	8.26	4	
329				8.04		8.04	4	
NBNF50				7.87		7.87	4	
1888				1.98	5.87	7.86	4	
NBNF49				7.83		7.83	4	
4410				1.50	6.07	7.57	4	Updated building layer received. Building included in building rank.
212	0.52	6.46	0.00	0.00	0.55	7.53	4	
3399	0.18			7.27		7.44	4	Updated building layer received. Building included in building rank.
NBNF48	0.00	0.35	0.00	6.14	0.90	7.39	4	
2701		6.08			1.16	7.25	4	Updated building layer received. Building has been removed.
2787		6.08			1.16	7.25	4	Updated building layer received. Building has been removed.
4383				3.34	3.81	7.15	4	Updated building layer received. Building has been removed.
4384	0.00	0.00	0.00	3.34	3.81	7.15	4	Updated building layer received. Building has been removed.
381		5.74			1.33	7.07	4	Updated building layer received. Building included in building rank.
439	0.00	0.26	0.00	2.10	4.37	6.72	4	
4406				1.15	5.56	6.71	4	
239				6.62		6.62	4	
219	0.22	3.96		1.38	1.05	6.62	4	
4302	0.00	0.00	0.00	2.50	4.10	6.60	4	Updated building layer received. Building has been removed.
4382	0.00	0.00	0.00	2.50	4.10	6.60	4	Updated building layer received. Building has been removed.
449	0.00	0.60	0.00	1.31	4.61	6.52	4	Updated building layer received. Building included in building rank.
NBNF33	0.00	2.40	0.00	0.00	4.11	6.51	4	
115				6.47		6.47	4	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
442				1.53	4.92	6.45	4	
334	0.00	0.35	0.00	5.00	1.04	6.39	4	
U313A		1.11		5.24		6.35	4	Updated building layer received. Building included in building rank.
443				1.26	5.03	6.29	4	
1887				1.98	3.98	5.96	4	
1879				1.89	3.98	5.86	4	
335				4.62	1.22	5.85	4	
273	0.00	2.79	0.00	0.50	2.51	5.80	4	
2727	0.00	2.79	0.00	0.50	2.51	5.80	4	
6499	0.83			1.51	3.43	5.77	4	Updated building layer received. Building has been removed.
313		1.19		4.57		5.76	4	
1680		1.46			4.22	5.68	4	
U325	0.25			5.25		5.51	4	Updated building layer received. Building previously identified as 325.
1726	0.00	0.00	0.00	0.00	5.34	5.34	4	Updated building layer received. Building has been removed.
U313B				5.24		5.24	4	Updated building layer received. Building included in building rank.
254	0.28	4.77	0.00	0.00	0.13	5.18	4	
2554	0.28	4.77	0.00	0.00	0.13	5.18	4	
4299	0.25	0.00	0.00	0.00	4.89	5.15	4	
NBNF47				1.46	3.63	5.08	4	
5198	0.00	0.00	0.00	1.56	3.44	5.00	4	No sampling based on 2018-2019 campaign.
2726	0.00	2.79	0.00	0.50	1.70	5.00	4	
122				4.87		4.87	4	
271		4.84				4.84	4	
324	0.15			4.65		4.80	4	
472	1.08	0.20	0.00	0.00	3.44	4.72	4	
NBNF13					4.71	4.71	4	
NBNF14					4.71	4.71	4	Updated building layer received. Building has been removed.
335B				3.14	1.53	4.67	4	
U328C				4.65		4.65	4	Updated building layer received. Building included in building rank.
132N	0.39	1.91	0.00	1.17	1.15	4.61	4	
255	0.29	4.31				4.59	4	
3340				3.34	1.20	4.54	4	
4199	0.40	0.00	2.82	0.00	1.31	4.53	4	No sampling based on 2018-2019 campaign.
113	0.62	3.91				4.52	4	
316				4.42		4.42	4	
4399	0.00	1.82	0.00	0.31	2.26	4.39	4	
335A				3.14	1.24	4.38	4	
6178	1.10			1.47	1.79	4.36	4	
1710	0.00	1.48	0.00	0.00	2.78	4.26	4	Updated building layer received. Building included in building rank.
436				1.27	2.92	4.19	4	
625	0.63			1.20	2.34	4.17	4	
406	0.48	2.39	0.00	0.14	1.09	4.11	4	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
1826					4.04	4.04	4	
131	0.52	1.87	0.00	0.42	1.07	3.87	4	
1884					3.86	3.86	4	Updated building layer received. Building has been removed.
194					3.86	3.86	4	
198					3.86	3.86	4	
345	0.00	0.18	0.00	1.41	2.25	3.84	4	
1889	0.00	0.00	0.00	1.66	2.12	3.79	4	
174					3.78	3.78	4	
256	0.28	3.42				3.70	4	
190				1.16	2.50	3.66	4	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
1735	0.00	1.20	0.00	0.39	2.04	3.63	4	
444					3.61	3.61	4	Updated building layer received. Building has been removed.
NBNF12					3.61	3.61	4	
518A	0.55	0.00	0.00	1.17	1.88	3.59	4	Sampled during 2018-2019 campaign. No PCE or TCE detected.
162	0.00	1.66	0.00	0.14	1.73	3.53	4	
142	0.82				2.70	3.52	4	
U424	0.25			1.66	1.56	3.46	4	
275		3.46				3.46	4	Updated building layer received. Building included in building rank.
1713	0.00	0.98	0.00	0.39	2.04	3.41	4	
1730	0.00	0.98	0.00	0.39	2.04	3.41	4	
431	0.37	0.00	0.00	1.37	1.64	3.38	4	
4378				1.54	1.78	3.32	4	Updated building layer received. Building has been removed.
311				3.26		3.26	4	
323				3.26		3.26	4	
3777	0.00	2.03	0.00	0.00	1.19	3.22	4	Updated building layer received. Building included in building rank.
2525	0.28	2.92				3.20	4	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
1885					3.14	3.14	4	
OS174					3.13	3.13	4	Updated building layer received. Building included in building rank.
453	0.00	0.65	0.00	0.25	2.16	3.06	4	
272					3.05	3.05	4	
2775					3.05	3.05	4	
116	0.22	1.61		1.21		3.05	4	
5104	0.68	0.00	0.00	1.17	1.06	2.91	4	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
4729	0.17	2.39	0.00	0.00	0.30	2.87	4	
319	0.00	1.50	0.00	1.36	0.00	2.85	4	
4387	0.00	0.00	0.00	1.07	1.78	2.85	4	Updated building layer received. Building has been removed.
253	0.26	2.55				2.81	4	
315		1.30		1.46		2.76	4	
117	1.12	1.61				2.74	4	
231	0.20	1.87	0.00	0.42	0.23	2.72	4	
341				1.50	1.15	2.65	4	
354	0.31	2.25				2.56	4	Updated building layer received. Building included in building rank.
4298	0.15				2.40	2.55	4	
224	0.00	0.21	0.00	1.21	1.11	2.53	4	Updated building layer received. Building included in building rank.
182					2.50	2.50	4	
143	0.84				1.61	2.45	4	Updated building layer received. Building included in building rank.
481		2.43				2.43	4	
2599	0.28	2.06				2.35	4	
NBNF27	0.00	0.00	0.00	0.00	2.29	2.29	4	Updated building layer received. Building has been removed.
183	0.00	0.28	0.00	0.24	1.76	2.28	4	Updated building layer received. Building included in building rank.
2512	0.27	2.00				2.27	4	Updated building layer received. Building has been removed.
4726	0.48	0.58	0.00	0.00	1.09	2.16	4	
NBNF23					2.13	2.13	4	
276		2.11				2.11	4	Updated building layer received. Building included in building rank.
NBNF54	0.17	0.00	0.00	0.00	1.88	2.06	4	Updated building layer received. Building has been removed. No sampling based on 2018-2019 campaign.
470		2.03				2.03	4	
144	0.68	1.29	0.00	0.00	0.00	1.97	4	Updated building layer received. Building included in building rank.
123				1.96		1.96	4	
1736	0.00	0.47	0.00	0.17	1.29	1.93	4	Updated building layer received. Building has been removed.
252	0.26	1.67				1.93	4	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
173					1.92	1.92	4	Updated building layer received. Building has been removed.
176					1.92	1.92	4	
OS270		1.91				1.91	4	Updated building layer received. Building included in building rank.
NBNF11					1.88	1.88	4	
NBNF09					1.88	1.88	4	
179					1.86	1.86	4	
NBNF26					1.86	1.86	4	Updated building layer received. Building has been removed.
169	0.00	0.47	0.00	0.17	1.21	1.85	4	
337				1.85		1.85	4	
NBNF15	0.00	0.14	0.00	1.31	0.39	1.84	4	Updated building layer received. Building has been removed.
365		1.82				1.82	4	
241	0.43	1.38				1.80	4	
133		1.78				1.78	4	
2580	0.29	1.48				1.77	4	
175	0.00	0.00	0.00	0.00	1.77	1.77	4	Updated building layer received. Building has been removed.
6426	0.46	0.00	0.00	0.00	1.28	1.74	4	Updated building layer received. Building has been removed.
1802					1.73	1.73	4	
423	0.37				1.33	1.70	4	
243	0.41	1.26				1.66	4	
140		1.65				1.65	4	
4727	0.20	1.42				1.62	4	
231A	0.00	0.21	0.00	0.56	0.85	1.62	4	
NBNF32		1.61				1.61	4	
NBNF34		1.61				1.61	4	
368		1.60				1.60	4	
134	0.00	1.54	0.00	0.00	0.00	1.54	4	
135	0.00	1.54	0.00	0.00	0.00	1.54	4	
NBNF08					1.51	1.51	4	
6497	0.21				1.29	1.50	4	Updated building layer received. Building has been removed.
NBNF10					1.48	1.48	4	
451	0.00	0.28	0.00	0.00	1.18	1.46	4	
432	0.00	0.00	0.00	0.00	1.45	1.45	4	
154	0.33				1.12	1.45	4	
571					1.44	1.44	4	
343				1.36		1.36	4	
181	0.00	0.00	0.00	0.00	1.36	1.36	4	
2552	0.29	1.06				1.35	4	Updated building layer received. Building has been removed.
364		1.35				1.35	4	
367		1.35				1.35	4	
242	0.23	1.11				1.34	4	
187				1.31		1.31	4	
378					1.31	1.31	4	
438					1.31	1.31	4	
1714					1.26	1.26	4	
121				1.25		1.25	4	
4297	0.00	0.00	0.00	0.00	1.25	1.25	4	
NBNF35		1.22				1.22	4	
NBNF36		1.22				1.22	4	
314	0.00	1.21	0.00	0.00	0.00	1.21	4	
361	0.15	1.06				1.20	4	
1677					1.19	1.19	4	
1678					1.19	1.19	4	Updated building layer received. Building has been removed.
642	0.00	1.19	0.00	0.00	0.00	1.19	4	Updated building layer received. Building included in building rank.
643	0.00	1.19	0.00	0.00	0.00	1.19	4	Updated building layer received. Building included in building rank.

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
415		1.18				1.18	4	
4227					1.14	1.14	4	
1727					1.13	1.13	4	
132S	0.00	1.11	0.00	0.00	0.00	1.11	4	
2728					1.09	1.09	4	
4728		1.06				1.06	4	
1601	0.00	1.05	0.00	0.00	0.00	1.05	4	Updated building layer received. Building has been removed.
4321					1.05	1.05	4	Updated building layer received. Building included in building rank.
4385	0.00	0.00	0.00	0.00	1.05	1.05	4	Updated building layer received. Building has been removed.
4316				1.04		1.04	4	
31	0.21					0.00	0	Updated building layer received. Building included in building rank.
41	0.00	0.19	0.00	0.00	0.23	0.00	0	
71						0.00	0	
118						0.00	0	
125						0.00	0	
151	0.38					0.00	0	
152						0.00	0	
153						0.00	0	
155	0.47					0.00	0	
164						0.00	0	
165	0.00	0.00	0.00	0.00	0.00	0.00	0	
166	0.00	0.00	0.00	0.00	0.00	0.00	0	
170	0.00	0.15	0.00	0.00	0.00	0.00	0	
191						0.00	0	
195						0.00	0	
196						0.00	0	
232						0.00	0	
233						0.00	0	
234						0.00	0	
235	0.00	0.00	0.00	0.00	0.00	0.00	0	
251	0.37					0.00	0	Updated building layer received. Building has been removed.
261						0.00	0	
262						0.00	0	
264	0.17					0.00	0	
265						0.00	0	Updated building layer received. Building included in building rank.
266	0.17					0.00	0	Updated building layer received. Building included in building rank.
274						0.00	0	
280						0.00	0	Updated building layer received. Building has been removed.
281						0.00	0	
282						0.00	0	
284	0.00	0.00	0.00	0.00	0.10	0.00	0	Updated building layer received. Building included in building rank.
291						0.00	0	
292	0.00	0.00	0.00	0.00	0.24	0.00	0	
293	0.00	0.00	0.00	0.00	0.13	0.00	0	
294	0.00	0.00	0.00	0.00	0.10	0.00	0	
297	0.00	0.00	0.00	0.00	0.00	0.00	0	
298	0.00	0.00	0.00	0.00	0.00	0.00	0	
299						0.00	0	
312	0.00	0.70	0.00	0.00	0.00	0.00	0	
362	0.24					0.00	0	
363						0.00	0	Updated building layer received. Building has been removed.
366						0.00	0	
382						0.00	0	
383						0.00	0	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
391						0.00	0	
392						0.00	0	
433	0.00	0.00	0.00	0.00	0.28	0.00	0	
452						0.00	0	Updated building layer received. Building included in building rank.
473	0.24					0.00	0	
490						0.00	0	
491						0.00	0	
492						0.00	0	
493						0.00	0	
494						0.00	0	
581	0.26					0.00	0	
582						0.00	0	
583						0.00	0	
591						0.00	0	
597						0.00	0	
610	0.00	0.00	0.00	0.00	0.00	0.00	0	
611	0.20	0.00	0.00	0.00	0.09	0.00	0	
614	0.20	0.00	0.00	0.00	0.09	0.00	0	
615						0.00	0	
616						0.00	0	Updated building layer received. Building has been removed.
619						0.00	0	
622						0.00	0	
624						0.00	0	
651						0.00	0	
652						0.00	0	
653						0.00	0	Updated building layer received. Building included in building rank.
654						0.00	0	
655						0.00	0	Updated building layer received. Building included in building rank.
661						0.00	0	
663						0.00	0	
667						0.00	0	
671						0.00	0	
681	0.31					0.00	0	
684	0.15					0.00	0	Updated building layer received. Building included in building rank.
685	0.26					0.00	0	
691						0.00	0	
693	0.23					0.00	0	
694	0.32					0.00	0	
695	0.26					0.00	0	
696						0.00	0	
697						0.00	0	
1277						0.00	0	
1288						0.00	0	
1399	0.30					0.00	0	
1602						0.00	0	Updated building layer received. Building has been removed.
1631	0.00	0.00	0.00	0.00	0.00	0.00	0	Updated building layer received. Building has been removed.
1632						0.00	0	
1899	0.00	0.00	0.00	0.00	0.22	0.00	0	Updated building layer received. Building included in building rank.
1925						0.00	0	
1927						0.00	0	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
2418	0.16					0.00	0	Updated building layer received. Building included in building rank.
2420	0.22					0.00	0	Updated building layer received. Building included in building rank.

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
2625						0.00	0	Updated building layer received. Building has been removed.
2627						0.00	0	Updated building layer received. Building has been removed.
2632						0.00	0	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
2679						0.00	0	Updated building layer received. Building has been removed.
2684						0.00	0	Updated building layer received. Building has been removed.
2685						0.00	0	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
2687						0.00	0	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
2777						0.00	0	Updated building layer received. Building has been removed.
2801						0.00	0	Updated building layer received. Building has been removed.
2802						0.00	0	Updated building layer received. Building has been removed.
2806						0.00	0	
2808						0.00	0	Updated building layer received. Building has been removed.
2825						0.00	0	Updated building layer received. Building has been removed.
2925						0.00	0	Updated building layer received. Building has been removed.
3526						0.00	0	
3527	0.15					0.00	0	
3555						0.00	0	
3577						0.00	0	Updated building layer received. Building has been removed.
3649						0.00	0	
3925						0.00	0	
3982						0.00	0	Updated building layer received. Building has been removed.
4198						0.00	0	No sampling based on 2018-2019 campaign.
4525						0.00	0	
4576						0.00	0	Updated building layer received. Building included in building rank.
4675						0.00	0	Updated building layer received. Building has been removed.
4725	0.29					0.00	0	
4905						0.00	0	Updated building layer received. Building has been removed.
4906						0.00	0	Updated building layer received. Building has been removed.
4924						0.00	0	Updated building layer received. Building has been removed.
4926	0.00	0.00	0.00	0.00	0.00	0.00	0	Updated building layer received. Building has been removed. Trailer was demolished in 2023.
4997	0.00	0.00	0.00	0.00	0.00	0.00	0	
4998						0.00	0	
4999						0.00	0	
5997						0.00	0	
5998						0.00	0	
5999						0.00	0	
6199	0.00	0.00	0.00	0.00	0.00	0.00	0	
6205						0.00	0	
6206						0.00	0	
6298						0.00	0	
6299						0.00	0	
6301						0.00	0	
6424	0.46	0.00	0.00	0.00	0.00	0.00	0	Updated building layer received. Building has been removed.
6425						0.00	0	
6475						0.00	0	
6498	0.46	0.00	0.00	0.00	0.00	0.00	0	Updated building layer received. Building has been removed.
6501						0.00	0	
6525						0.00	0	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
6526						0.00	0	
6527						0.00	0	
6575						0.00	0	
6675						0.00	0	
6925	0.19					0.00	0	
6926						0.00	0	
6928						0.00	0	
6929	0.35					0.00	0	
6930	0.32					0.00	0	
6931	0.36					0.00	0	Updated building layer received. Building has been removed.
6951						0.00	0	
02MFEST	0.00	0.00	0.00	0.00	0.15	0.00	0	Updated building layer received. Building included in building rank.
170 Courtyard						0.00	0	Updated building layer received. Building included in building rank.
170A						0.00	0	
194A						0.00	0	Updated building layer received. Building has been removed.
196A						0.00	0	
297A	0.00	0.00	0.00	0.00	0.00	0.00	0	
4997A						0.00	0	
4998A						0.00	0	
581A						0.00	0	
581B						0.00	0	
581C						0.00	0	
597A						0.00	0	Updated building layer received. Building included in building rank.
5998A						0.00	0	
6197B						0.00	0	
6199A						0.00	0	
6199B						0.00	0	
6199D						0.00	0	
6299A						0.00	0	
6299B						0.00	0	
NBNF01						0.00	0	
NBNF02						0.00	0	
NBNF03						0.00	0	
NBNF04						0.00	0	Updated building layer received. Building has been removed.
NBNF05						0.00	0	
NBNF06						0.00	0	
NBNF07	0.00	0.00	0.00	0.00	0.00	0.00	0	
NBNF16	0.00	0.00	0.00	0.00	0.22	0.00	0	Updated building layer received. Building has been removed.
NBNF17						0.00	0	
NBNF18						0.00	0	
NBNF19						0.00	0	
NBNF20	0.00	0.13	0.00	0.00	0.00	0.00	0	
NBNF21	0.00	0.13	0.00	0.00	0.00	0.00	0	
NBNF22						0.00	0	
NBNF24						0.00	0	
NBNF25						0.00	0	
NBNF28						0.00	0	
NBNF29						0.00	0	
NBNF30	0.43					0.00	0	
NBNF37						0.00	0	
NBNF38						0.00	0	
NBNF39	0.00	0.28	0.00	0.00	0.13	0.00	0	
NBNF42						0.00	0	
NBNF43	0.00	0.28	0.00	0.00	0.13	0.00	0	

Table F-1-6. Prioritized list of buildings, maximum concentration for each COC divided by its respective screening level, final rank score, and rank group for buildings.

Building number	Carbon tetrachloride rank score	Chloroform rank score	1,2-dichloroethane rank score	Tetrachloroethene rank score	Trichloroethene rank score	Final rank score	Building rank group	Notes
NBNF45	0.00	0.28	0.00	0.00	0.13	0.00	0	
NBNF46	0.00	0.00	0.00	0.00	0.15	0.00	0	Updated building layer received. Building has been removed.
NBNF51						0.00	0	Updated building layer received. Building has been removed.
NBNF57						0.00	0	Updated building layer received. Building has been removed.
NBNF58						0.00	0	
NBNF59						0.00	0	
NBNF60	0.16					0.00	0	
NBNF61						0.00	0	
NBNF62						0.00	0	
NBNF63						0.00	0	
NBNF64						0.00	0	
NBNF65						0.00	0	
NBNF66						0.00	0	
NBNF67						0.00	0	
NBNF68	0.17					0.00	0	Updated building layer received. Building has been removed.
NBNF69						0.00	0	
NBNF70						0.00	0	Updated building layer received. Building included in building rank.
OS454						0.00	0	Updated building layer received. Building included in building rank.
OS455						0.00	0	Updated building layer received. Building included in building rank.
OS495						0.00	0	
OS682						0.00	0	Updated building layer received. Building included in building rank.
OS683	0.15					0.00	0	Updated building layer received. Building included in building rank.
U119						0.00	0	Updated building layer received. Building included in building rank.
U193	0.00	0.00	0.00	0.00	0.00	0.00	0	Updated building layer received. Building included in building rank.
U448						0.00	0	
U450						0.00	0	Updated building layer received. Building included in building rank.
U599						0.00	0	Updated building layer received. Building included in building rank.
U791						0.00	0	Updated building layer received. Building included in building rank.
U792						0.00	0	Updated building layer received. Building included in building rank.
WAA	0.17					0.00	0	Updated building layer received. Building has been removed.

Notes:
COC = contaminant of concern; PCE = tetrachloroethene; TCE = trichloroethene.

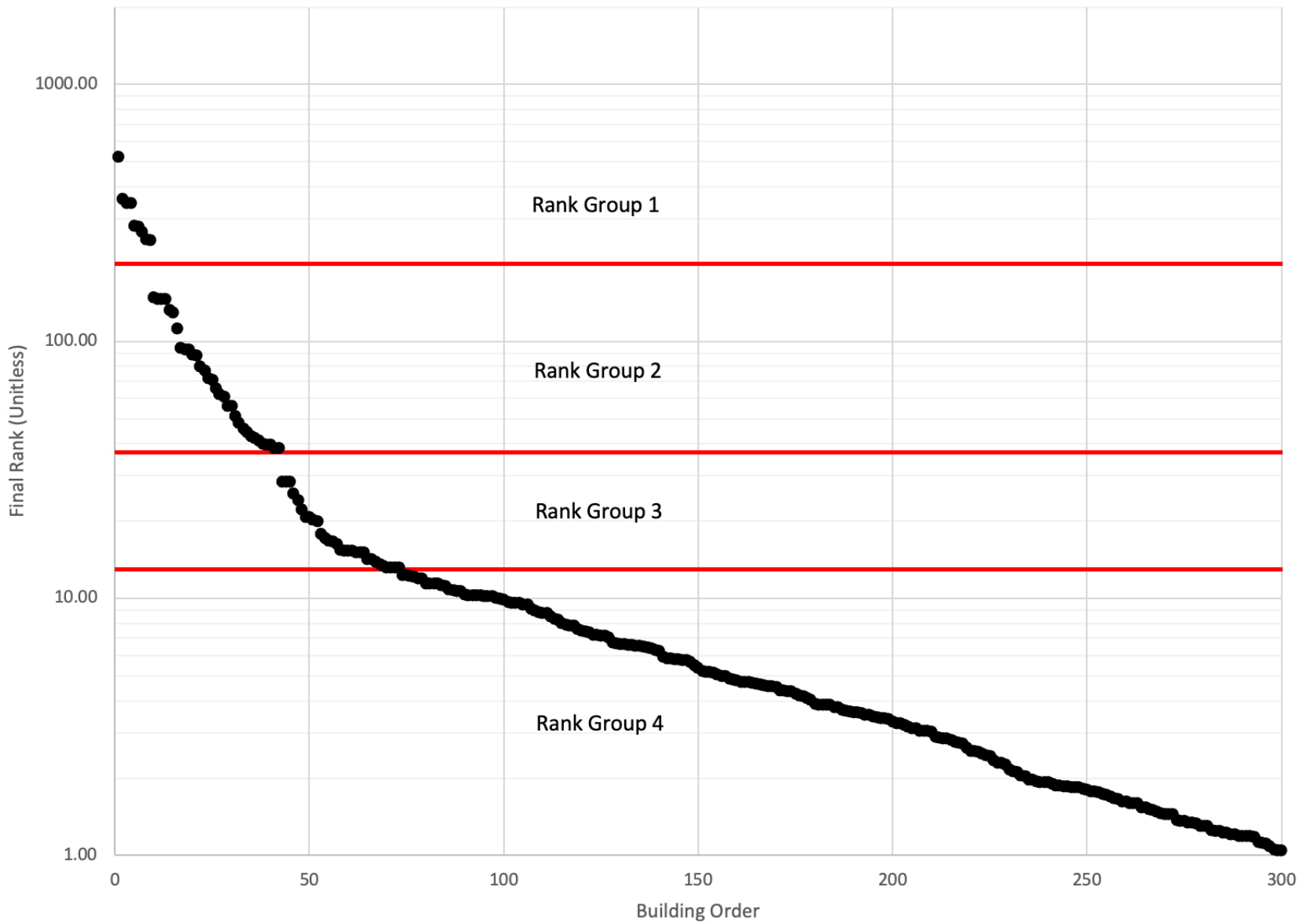

Figure F-1-1. Distribution of the final rank score for all buildings.

Appendix F-2

Status of the Vapor Intrusion Long-Term Sampling Program

Table F-2-1. Livermore Site buildings included in the long-term indoor air sampling program and their sampling status in 2025.

Building number	Date sampled	TCE or PCE detection?	Notes
111	2/4/25	Yes	
411	1/8/25	Yes	
418	1/8/25	No	No TCE or PCE detections since 2023.
471	--	--	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
511	1/22/25	Yes	
515	--	--	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
516	2/4/25	Yes	
517	2/4/25	No	No TCE or PCE detections since 2023.
519	1/8/25	No	No TCE or PCE detections since 2022.
519A	2/4/25	No	No TCE or PCE detections since 2021.
523	1/8/25	No	No TCE or PCE detections since 2023.
543	--	--	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
551E	2/19/25	Yes	
551W	2/19/25	Yes	
5225	--	--	Trailer 5225 was demolished in 2023.
5226	--	--	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
5477	--	--	No longer included in long-term sampling program per regulatory agreement, because neither TCE nor PCE have been detected during winter or summer months for two consecutive years (2021 and 2022).
5627	2/4/25	No	No TCE or PCE detections since 2022.

Notes:

-- = not sampled; DOE = U.S. Department of Energy; LLNL = Lawrence Livermore National Laboratory; PCE = tetrachloroethene; RPM = remedial project manager; TCE = trichloroethene.

DOE/LLNL conducts indoor air sampling during the winter months as agreed upon by the RPMs. Winter conditions typically occur during the months of December through April.

Appendix F-3

Vapor Intrusion Indoor Air Target Concentration Screening Levels

Table F-3-1. Volatile constituents and target indoor air concentration screening levels.

Constituents of concern[1]	Long-term cancer target indoor air concentration (C_{ia}) at TCR = 1E-06			Hazardous non-cancer target indoor air concentration (C_{ia}) at THQ = 1			Basis for Radiello 130® passive diffusive sampling results
	C_{ia} µg/m³	C_{ia} PPM(V/V)	Reference	C_{ia} µg/m³	C_{ia} PPM(V/V)	Reference	
1,1,1-trichloroethane				4,400	0.806	DTSC SL	Validated uptake rate.
1,1,2-trichloroethane	0.77	0.000141	VISL	0.88	0.000161	VISL	Estimated uptake rate.
1,1-dichloroethane	7.7	0.00190	VISL	3,500	0.865	DTSC SL	Estimated uptake rate.
1,1-dichloroethene				17	0.00429	VISL	Estimated uptake rate.
1,2-dichloroethane	0.47	0.000116	VISL	31	0.00766	VISL	Validated uptake rate.
Carbon tetrachloride	2.0	0.000318	VISL	180	0.0286	DTSC SL	Validated uptake rate.
Chloroform	0.53	0.000109	VISL	8.5	0.00174	VISL	Validated uptake rate.
Tetrachloroethene	2.0	0.000295	DTSC SL	180	0.0265	VISL	Validated uptake rate.
Trichloroethene[2]	3.0	0.000558	VISL	8.8	0.00164	VISL	Validated uptake rate.
Trichlorofluoromethane				5,300	0.943	DTSC SL	No uptake rate available. No analytical results will be provided.
Trichlorotrifluoroethane				22,000	2.87	VISL	No uptake rate available. No analytical results will be provided.
Vinyl chloride	0.16	0.0000626	DTSC SL	220	0.0861	VISL	No uptake rate available. No analytical results will be provided.
cis-1,2-Dichloroethene				180	0.0454	VISL	Estimated uptake rate.
trans-1,2-Dichloroethene				180	0.0454	VISL	Estimated uptake rate.

Notes:

[1] Screening levels are based on a commercial exposure scenario.

[2] Accelerated response and urgent response comparison criteria, as defined in the memorandum *EPA Region 9 Response Action Levels and Recommendations to Address Near-Term Inhalation Exposures to TCE in Air from Subsurface Vapor Intrusion* (2014), will also be evaluated.

PPM(V/V) = parts per million on a volume-to-volume basis; µg/m³ = micrograms per cubic meter; DTSC = California Department of Toxic Substances Control; EPA = U.S. Environmental Protection Agency; HERO = Human and Ecological Risk Office; TCR = target cancer risk; THQ = target hazard quotient; VISL = vapor intrusion screening level.

Definitions of references:

VISL: EPA VISL calculator accessed on March 13, 2026 (https://epa-visl.ornl.gov/cgi-bin/visl_search)

DTSC SL: DTSC HERO's *Human Health Risk Assessment Note 3: DTSC-Modified Screening Levels (DTSC-SLs)* (June 2020; revised April 2025).

Appendix F-4

Soil Vapor Extraction System
Zone of Influence

F-4-1. Introduction

Per the *Addendum to the Fifth Five-Year Review for the Lawrence Livermore National Laboratory Livermore Site* (Demir, McKereghan, and Porubcan 2021), remedial project managers agreed to develop a contingency plan for indoor air sampling when soil vapor extraction (SVE) systems at the Lawrence Livermore National Laboratory (LLNL) Livermore Site are offline for an extended period.

As part of this recommendation, the Department of Energy (DOE)/LLNL agreed to implement a contingency plan that meets the following criteria:

- Develop a list of buildings in the vicinity of each SVE system.
- If an SVE system is offline for more than 30 days, deploy Radiello 130® passive diffusive samplers in nearby buildings.

This appendix describes the approach used to develop the list of buildings in the zone of influence of the SVE wellfields at the LLNL Livermore Site.

F-4-2. Soil Vapor Extraction System Zone of Influence

In the eastern portion of the Livermore Site, residual contamination remains in the unsaturated zone. SVE was selected as the remedy for cleanup (DOE 1992) and first implemented at two locations at the Livermore Site in the 1990s. By the early 2000s, all six of the following SVE systems, from north to south, were operational:

- VTFD East Traffic Circle South (VTFD-ETCS)
- VTFE Eastern Landing Mat (VTFE-ELM)
- VTFE Hotspot (VTFE-HS)
- Vapor Treatment Facility 511 (VTF511)
- Vapor Treatment Facility 406 Hotspot (VTF406-HS)
- VTF518 Perched Zone (VTF518-PZ)

DOE/LLNL applied a 200-foot radius around the SVE systems' extraction wells to delineate the zone of influence in the subsurface. Each well's zone of influence is related to the extraction flow rate, nearby relative air permeability, and subsurface heterogeneity. While the zone of influence varies by the well's location, DOE/LLNL has estimated the average zone of influence to be 200 feet according to the results of pneumatic tests and long-term concentration changes in nearby monitor wells. This conservatively large zone of influence ensures that potential vapor intrusion from subsurface contamination to indoor air gets evaluated in all nearby buildings when an SVE system is offline for an extended period. Figure F-4-1 shows the estimated zone of influence for each SVE system.

Additionally, Table F-4-1 lists buildings where indoor air sampling will be conducted using Radiello 130® passive diffusive samplers if an SVE system is offline for more than 30 days. Although these sampling events are independent from the long-term indoor air sampling program implemented at Livermore Site, the results of the sample events are incorporated in the program because they represent worst-case conditions. The list of buildings is updated annually as DOE/LLNL continues to conduct pneumatic tests to refine the zone of influence for each extraction well.

F-4-3. References

Demir, Zafer, Peter McKereghan, and Alexis Porubcan. 2021. *Addendum to the Fifth Five-Year Review for the Lawrence Livermore National Laboratory Livermore Site*. Livermore, CA: LLNL. LLNL-AR-809279.

U.S. Department of Energy. 1992. *Record of Decision for the Lawrence Livermore National Laboratory Livermore Site*. Livermore, CA: LLNL. UCRL-AR-109105.

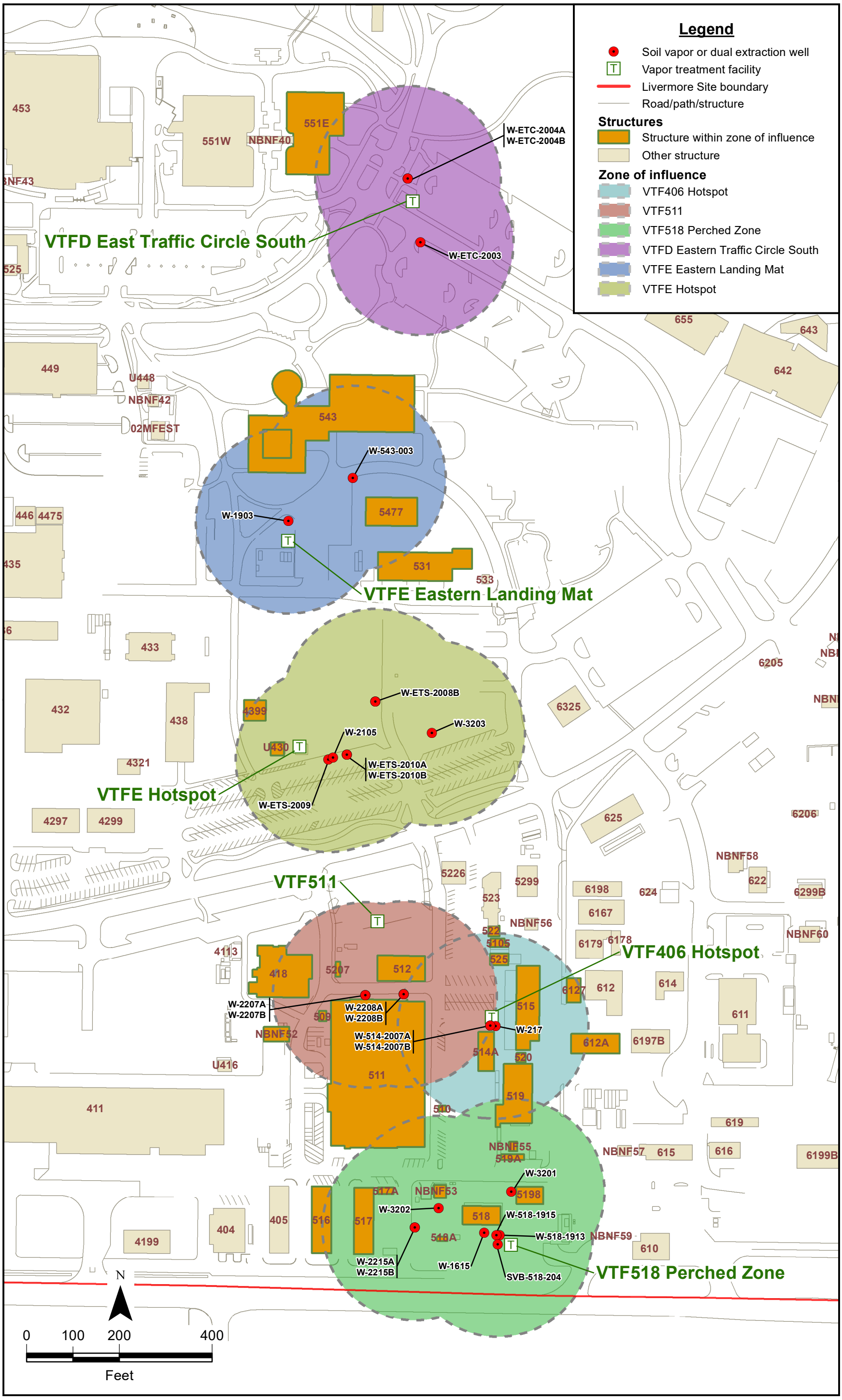

Figure F-4-1. Livermore Site soil vapor treatment facilities and the estimated zone of influence of extraction wellfields.

Table F-4-1. List of Livermore Site SVE systems and buildings in the zone of influence.

SVE system	Building in the zone of influence	Notes
VTFD East Traffic Circle South (VTFD-ETCS)	551E	
VTFE Eastern Landing Mat (VTFE-ELM)	531	
	543	
	5477	
VTFE Hotspot (VTFE-HS)	*4399*	*No sampling. Tent is open to the atmosphere.*
	U430	*No sampling. Building is a mechanical room and not continually occupied.*
Vapor Treatment Facility 511 (VTF511)	418	
	509	*No sampling. Building is used for storage and not continually occupied.*
	511	
	512	
	525	*No sampling. Zone of influence does not encompass the majority of the building.*
	5207	
	514A	*No sampling. Building is open to the atmosphere.*
	NBNF52	*No sampling. Structure is an awning and transportainer open to the atmosphere.*
Vapor Treatment Facility 406 Hotspot (VTF406-HS)	*510*	*No sampling. Building is a mechanical room used for storage and not continually occupied.*
	511	
	512	*No sampling. Zone of influence does not encompass the majority of the building.*
	515	
	519	
	520	*No sampling. Building is used for storage of chemicals and not continually occupied.*
	522	*No sampling. Zone of influence does not encompass the majority of the building.*
	525	
	5105	
	6127	
	514A	*No sampling. Building is open to the atmosphere.*
	612A	*No sampling. Building is open to the atmosphere.*

Table F-4-1. List of Livermore Site SVE systems and buildings in the zone of influence.

SVE system	Building in the zone of influence	Notes
VTF518 Perched Zone (VTF518-PZ)	511	
	516	
	517	
	518	*No sampling. Building is open to the atmosphere.*
	519	
	5198	*No sampling. Tent is open to the atmosphere.*
	517A	
	518A	
VTF518 Perched Zone (VTF518-PZ)	519A	
	NBNF53	*No sampling. Structure is open to the atmosphere.*
	NBNF55	*No sampling. Structure is open to the atmosphere.*

Notes:

NBNF = no building number found; SVE = soil vapor extraction.

Indoor air sampling is conducted in the buildings in this table when the identified SVE system is offline for more than 30 days.

Appendix G

Quality Assurance Summary of 2025 Analytical Data

G-1-1. Introduction

In 2025, the environmental restoration programs implemented at the Lawrence Livermore National Laboratory (LLNL) Livermore Site and Site 300 collected water, soil, and vapor samples for analytical laboratory analysis. The *Quality Assurance Project Plan, Lawrence Livermore National Laboratory Livermore Site and Site 300 Environmental Restoration Projects* (QAPP) (LLNL 2020) established measurement quality objectives (MQOs) for the analytical data obtained from the analysis of environmental samples. Table G-1 presents these important MQOs.

This quality assurance summary (QAS) documents whether the analytical data MQOs, founded upon the parameters of precision, accuracy, representativeness, comparability, completeness, and sensitivity (PARCCS), have been met in 2025. This QAS also includes summaries of analytical laboratory certifications, assessments, performance testing (PT), and internal assessments conducted in 2025.

In 2025, Pace Analytical's Bakersfield location had persistent issues with their 8330 instrument, ultimately resulting in total instrument failure in July. Following the Bakersfield 8330 instrument failure, the Pace Mt. Juliet, Tennessee, location performed the 8330 analyses of LLNL samples. Requests for the Mt. Juliet location to provide electronic data deliverables (EDDs) for their analytical results began in July. Numerous additional requests for the development of EDDs that meet LLNL specifications were made, but EDDs reporting analytical results for samples collected as early as June 2025 were not received by LLNL until late February 2026. The delayed receipt of EDDs affected not only 8330 analytical results but also other analytical results from samples submitted with the 8330 samples. A complete set of 2025 analytical results were not available for assessment until early March 2026.

A preliminary review of the analytical results and QC data revealed issues requiring additional time for investigation. Because data review and assessment have not been completed, plots for analytical accuracy and precision, and field QC precision are not provided. Instead, preliminary results are provided and areas requiring further assessment are identified.

G-1-2. Analytical Data Issues: Rejected and Suspect Data

Data are most commonly rejected and assigned "R" qualifiers when the presence or absence of analytes of interest cannot be verified, most often due to failure to meet quality control (QC) criteria. Most data rejected in 2025 consisted of single results for volatile organic compound (VOC) analytes known to be problematic, with no detection histories at LLNL. Eleven sample results were rejected, and their circumstances are summarized as follows:

- Semi-VOC results from a sample collected from K1-07 in January were rejected due to low sample surrogate recovery. This location was not re-sampled in 2025. However, sampling of this location is scheduled for the first quarter of 2026.
- High explosive (HE) compound results from a sample collected from W-850-2417 in April were rejected due to low sample surrogate recovery. The sample was re-collected in October and analyzed with acceptable results.
- HE compound results from eight samples collected in June (817-PRX-E, NC2-07, W-808-03, W-809-02, W-810-01, W-812-2009, W-827-02, and W-827-03) were rejected due to poor QC data. The samples were associated with the same analytical QC batch. Shortly after analyzing the samples, the analytical laboratory reported the high explosive compounds instrument was

inoperable and could not be repaired. The samples were re-collected in September and October and were analyzed by the analytical laboratory's sister laboratory with acceptable results.

- VOC results from a sample collected from W-1552 in August were rejected due to low sample surrogate recovery. The sample was re-collected in August and analyzed with acceptable results.

Analyte detections in method blanks or field blanks greater than 1/10 of the associated sample concentrations require the assignment of "B" or "F" qualifiers, respectively, to the sample results. In 2025, most of the method and field blank detections were for metals such as antimony, cadmium, lead, and nickel at estimated concentrations greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).

Finally, data are qualified as suspect and assigned "S" qualifiers when the results, based on sample type, location, or previous result history, are anomalous and believed to have been switched or incorrectly identified during the sample collection, preparation, or analysis process. VOC results from two samples were qualified as suspect because of results that differed greatly from historical results. Re-analysis results indicated a possible sample switch or sample cross-contamination.

More sample result rejections and/or additional data qualifiers may follow further assessment of 2025 analytical data.

G-1-3. Analytical Accuracy and Precision

G-1-3.1. Analytical Accuracy

A quantitative parameter, accuracy denotes how close a measurement is to the actual value. Laboratory control sample (LCS) recovery, expressed as a percentage, is used as an indicator of analytical accuracy.

An LCS is prepared by spiking a clean matrix, usually blank (i.e., de-ionized) water, with known concentrations of the target analytes after which the LCS is prepared and analyzed like a regular sample. For the results to be acceptable, recovery of the spiked analytes must fall within a certain percentage range, known as control limits. The LCS analytical control limits used by analytical laboratories can be obtained from the method paper, The NELAC Institute (TNI) standards, U.S. Department of Defense (DoD)/U.S. Department of Energy's (DOE) *Quality Systems Manual (QSM) for Environmental Laboratories* (QSM 6.0) (2023), or the laboratory's own recovery data (but must be approved by LLNL).

Analytical control limits vary somewhat between laboratories, and results received that fall outside their stated control limits are rejected. However, to meet the LLNL MQO for accuracy, 85% or more of the LCS recoveries from each analyte group must fall within the tighter control limit ranges specified in Table G-1.

G-1-3.1.1. LCS Percent Recovery Results for 2025 Aqueous Analyses

Preliminary assessment of LCS percent recovery results for 2025 aqueous analyses indicates the following:

- LCS recoveries for VOCs, metals, tritium, uranium-238, nitrate, and perchlorate met the MQO requirements.
- Further assessment is required to determine if HE compound LCS recoveries met the MQO requirements.

G-1-3.1.2. LCS Recovery Results for 2025 Soil Samples

Preliminary assessment of LCS percent recovery results for 2025 soil samples indicates that LCS recoveries for VOCs, HE compounds, metals, tritium, nitrate, and perchlorate met the MQO requirements.

G-1-3.1.3. LCS Recovery Results for VOCs in 2025 Air Samples

Preliminary assessment of LCS percent recovery results for 2025 air samples indicates that LCS recoveries for VOCs met the MQO requirements.

G-1-3.2. Analytical Precision

A quantitative parameter, precision is the degree of agreement between measurements of the same property under the same conditions. The indicator for precision is the relative percent difference (RPD) calculated between pairs of samples using the following equation:

$$RPD = \frac{|R_1 - R_2|}{\left(\frac{R_1 + R_2}{2}\right)} \times 100$$

where R_1 is the routine sample analytical result and R_2 is the duplicate sample analytical result.

Analytical precision is often determined using RPDs calculated from matrix spike (MS) and matrix spike duplicate (MSD) pairs. A matrix spike is prepared by spiking an actual sample matrix, rather than the clean matrix used for an LCS, with known concentrations of the target analytes. RPD may also be calculated using LCS and LCS duplicate (LCSD) pairs. Most comparisons of LLNL water and soil sample pairs for organic and inorganic analyses use MS and MSD results, and air samples use LCS and LCSD results. In contrast, radionuclide analyses compare sample and sample duplicate results. RPD is often not a useful indicator of precision for soil sample analyses because it may suggest more about sample heterogeneity than analytical precision.

The application of the RPD calculation is not always possible or appropriate. The following guidelines are used to determine when to apply the RPD calculation and how to compare duplicate pair results for acceptability when the RPD calculation is not applicable:

- The standard RPD calculation is used when both results are greater than the reporting limit and one or both results are greater than five times the reporting limit.
- When both results are less than five times the reporting limit, results are acceptable when the difference between the results is less than or equal to the reporting limit.
- When both results are less than the reporting limit and the reporting limits are the same, the results are acceptable.
- When both results are less than the reporting limit, but the reporting limits are different, the difference between half the reporting limits must be less than or equal to the smaller reporting limit to be acceptable.
- When one result is a detection greater than the reporting limit and the other result is less than the reporting limit (the reporting limits may be different), the difference between the detection and half the reporting limit must be less than or equal to the smaller reporting limit to be acceptable.

- In plotting the results of duplicate pair comparisons when the RPD calculation is not used, acceptable results are assigned a default value of "0" and unacceptable results are assigned a default value of "50," which is noticeably greater than any of the MQO RPDs.

The following sections present QC sample pair comparisons for VOCs, HE compounds, metals, radionuclides (i.e., tritium and uranium-238), and anions (i.e., nitrate and perchlorate).

G-1-3.2.1. RPD Results for 2025 Aqueous Analyses

Preliminary assessment of RPD results for 2025 aqueous analyses indicates the following:

- RPD results for VOCs, HE compounds, metals, tritium, uranium-238, nitrate, and perchlorate met the MQO requirements.
- Further assessment of VOC results is necessary to determine if data are missing or overlooked due to the inconsistent use of EDD QC types to report results.
- Further assessment of HE compound results is necessary to determine if data are missing or overlooked due to the inconsistent use of EDD QC types to report results.

G-1-3.2.2. RPD Results for 2025 Soil Samples

Preliminary assessment of RPD results for 2025 soil samples indicates the following:

- RPD results for VOCs, HE compounds, tritium, nitrate, and perchlorate met the MQO requirements.
- Further assessment of metals results is necessary to determine if data are missing or overlooked due to the inconsistent use of EDD QC types to report results.

G-1-3.2.3. RPD Results for VOCs in 2025 Air Samples

Preliminary assessment of RPD results for 2025 air samples indicates that RPD results for VOCs met the MQO requirements.

G-1-4. Field QC Precision and Completeness

When preparing quarterly sampling plans, locations are selected for the collection of collocated field QC duplicate samples following *Standard Operating Procedure 4.9*: *Collection of Field QC Samples*. The MQO requires 10% of all samples collected to have a collocated field duplicate with half of the duplicates (i.e., 5% of the total samples) sent for inter-laboratory comparisons and the other half sent for intra-laboratory comparisons. The RPD or comparison between the analytical results for the field QC sample pairs indicates the precision of the entire sampling and analysis process while the inter-laboratory results indicate the comparability of analytical results between laboratories. Section G-1-3.2 presents the RPD formula, guidelines for duplicate pair comparisons, and default values for plots. Because the entire sampling and analysis process is evaluated, the RPD limits for field QC sample results comparisons are larger than those for analytical QC sample results.

G-1-4.1. Field QC Duplicate Pair Comparison Results for 2025 Aqueous Samples

Preliminary assessment of field QC duplicate pair comparison results for 2025 aqueous samples indicates the following:

- RPD results for VOCs, HE compounds, tritium, uranium-238, nitrate, and perchlorate met the MQO requirements.
- RPD results for metals did not meet the MQO requirement. Further assessment of metals results is necessary to determine if data are missing.
- The 10% MQO for duplicate sample collection was met for VOCs, HE compounds, tritium, uranium-238, nitrate, and perchlorate.
- The 10% MQO for duplicate sample collection was not met for metals. Further review is necessary to ensure that all duplicate sample results were included in the calculation.

G-1-4.2. Field QC Duplicate Pair Comparison Results for 2025 Soil Samples

Preliminary assessment of field QC duplicate pair comparison results for 2025 soil samples indicates the following:

- RPD results for VOCs, HE compounds, tritium, nitrate, and perchlorate met the MQO requirements.
- RPD results for metals did not meet the MQO requirement. Further assessment of metals results is necessary to determine if data are missing.
- The 10% MQO for duplicate sample collection was met for HE compounds, metals, and perchlorate.
- The 10% MQO for duplicate sample collection was not met for VOCs, tritium, and nitrate. Further review is necessary to ensure that all duplicate sample results were included in the calculation.

G-1-4.3. Field QC Duplicate Pair Comparison Results for VOCs in 2025 Air Samples

Preliminary assessment of field QC duplicate pair comparison results for 2025 air samples indicates the following:

- RPD results for VOCs analyzed using method TO-17 met the RPD and 10% duplicate sample collection MQO requirements.
- RPD results for VOCs analyzed using method TO-15 did not meet the RPD MQO requirements bud did meet the 10% duplicate sample collection MQO requirement.
- Further assessment of TO-15 results is necessary, particularly for inter-laboratory results.

G-1-5. Representativeness

A qualitative parameter, representativeness indicates that the concentrations measured in the collected samples represent true site conditions and actual concentrations of contaminants in groundwater, soil, or air. Lack of detections in trip blanks, field blanks, and equipment blanks indicate that sample collection, handling, and equipment decontamination procedures did not introduce additional contaminants into the samples. The use of sampling techniques and methods appropriate to well completion and hydrogeologic conditions, selected per sampling location by staff hydrogeologists, also ensures the representativeness of sample results.

At the analytical laboratory, lack of detections in method blanks indicates that contaminants are not added during sample preparation and analysis. The lack of any significant detections in blank samples of water, soil, and air collected at the Livermore Site and Site 300 in 2025 indicate that the analytical data

should be representative of site conditions. Section G-1-6 offers comments concerning representativeness of the analytical data.

G-1-6. Comparability

A qualitative parameter, comparability is achieved in the field by consistently following SOPs for sample collection, preservation, and handling. In the laboratory, comparability is achieved by consistently following method-specified procedures for sample preparation and analysis. Certification to perform EPA-approved analytical methods, participation in performance testing (PT) programs, and regular assessments by the DOE Consolidated Audit Program–Accreditation Program (DOECAP-AP) and California Environmental Laboratory Accreditation Program (CA-ELAP) ensure the comparability of results obtained from different laboratories. RPD results from collocated field duplicate samples sent to different laboratories for inter-laboratory comparisons also serve to indicate data comparability.

In 2025, poor inter-laboratory results and the occurrence of historic maximum results for HE compounds, perchlorate, and nitrate question the comparability and representativeness of the analytical data. With the exception of Pace Analytical Bakersfield's lack of PT results for Environmental Protection Agency (EPA) Method 8330, other laboratories performing these analyses participated in PT programs and achieved acceptable results. The 2025 results in question will be investigated further, and additional QC samples will be collected in 2026.

G-1-7. Completeness

A quantitative parameter, completeness is calculated annually and expressed as a percentage of the quantity of samples collected and analyzed versus the quantity of samples planned to be collected:

$$Completeness = \left(\frac{Number\ of\ samples\ collected\ and\ analyzed}{Number\ of\ samples\ planned}\right) \times\ 100$$

The completeness calculation does not include samples that could not be collected from locations that are dry, contain insufficient water for sample collection, sustained damage during the 2024 Corral Fire, or are inaccessible due to unsafe road and trail conditions, threat to wildlife, or institutional controls.

In 2025, completeness at both Livermore Site and Site 300 exceeded the 85% MQO. Overall completeness for the Livermore Site was 99%, with the remaining 1% of samples not collected from locations where equipment was inoperable or malfunctioning. Overall completeness for Site 300 was 99%, with 1% of samples not collected from locations where equipment was inoperable or malfunctioning.

G-1-8. Sensitivity

To be useful, data reporting limits must be lower than the maximum contaminant levels (MCLs) or other established cleanup goals, particularly for the target analytes. The requested analyses used by LLNL were established specifically to have reporting limits less than MCLs or cleanup goals. Exceptions can occur when elevated concentrations of target and/or non-target analytes require sample dilution to stay within the method calibration range or prevent analytical equipment damage. In these cases, the LLNL

contract requires that multiple dilutions are performed to keep higher concentration analytes within the method calibration range and achieve the lowest reporting limits possible for other analytes.

In 2025, analytical laboratories met the agreed-upon bid package reporting limits and, when necessary, performed multiple dilutions. Different reporting limits that prevent useful comparisons of lower concentration results did result from laboratories using different dilution factors, particularly for metals and TO-15 VOC analyses. However, for the most part, the affected analytes do not have detection histories at LLNL and are not target analytes for the environmental restoration projects at the Livermore Site or Site 300. Overall, the 2025 analytical data met the requirement for sensitivity.

G-1-9. Analytical Laboratory Certifications, PT, and DOECAP Assessments

LLNL requires contracted analytical laboratories to maintain CA-ELAP certification for all fields of testing applicable to LLNL samples as well as participation in nationally recognized PT programs. Participation in the DOECAP-AP, while not required, is desirable.

G-1-9.1. Analytical Laboratory Certifications

In 2025, laboratories maintained CA-ELAP certification for fields of testing applicable to LLNL samples. For labs participating in DOECAP-AP, accreditation was also maintained.

G-1-9.2. Analytical Laboratory PT

In 2025, labs participated in PT programs administered by Phenova, Environmental Resource Associates (ERA), Absolute Standards, Inc., Mixed Analyte Performance Evaluation Program (MAPEP), DOE Laboratory Accreditation Program (DOELAP), and Eckert & Ziegler Analytics. Eurofins Air Toxics and Pace Bakersfield conducted internal PT programs for methods TO-17 and RSK-175, respectively.

With one exception, all labs maintained acceptable results for analytical methods requested by LLNL. Any unacceptable PT results are either awaiting follow-up testing in 2026 or are not LLNL contaminants of concern or analytical methods related to LLNL projects. In 2025, Pace Analytical Bakersfield lost their certification to perform total dissolved solids (TDS) analyses due to receipt of two consecutive unacceptable results for TDS (EPA Method 160.1 and SM2540) in April and May. TDS analyses were subcontracted to Alpha Analytical until certification was regained following two consecutive acceptable results obtained in July and August. Due to ongoing 8330 instrument issues leading to complete instrument failure in July 2025, PT results for EPA Method 8330 are not available from Pace Bakersfield for 2025.

The most recent PT results for Pace Bakersfield are from August 2024 and all acceptable. However, the rejection of samples for poor QC results and poor inter-laboratory comparison results raise concerns regarding the quality of HE compound analytical results prior to failure of the 8330 instrument. Beginning July 31, 2025, all LLNL samples submitted for 8330 analyses were analyzed at the Pace Mt. Juliet location. Pace Mt. Juliet received acceptable PT results for EPA Method 8330 in March and August of 2025.

G-1-9.3. DOECAP Assessments

In 2025, the following three analytical laboratories under contract with LLNL were assessed in February, March, and November:

- **Eurofins Environment Testing Northern California, LLC (Air Toxics)**: From February 18 to 19, the American National Standards Institute-American Society of Quality (ANSQI-ASQ)

National Accreditation Board (ANAB), an approved third-party accrediting body (AB) for DOECAP-AP, conducted an assessment of Eurofins Air Toxics in Folsom, California. The assessment team recorded one minor finding related to record keeping for software and firmware versions. Upon receipt of acceptable corrective actions, the AB found Eurofins Air Toxics Laboratory in compliance with QSM 5.4 standard and ISO/IEC 17025:2017 for their accredited scope, and DOECAP accreditation was maintained.

- **GEL Laboratories, LLC**: From March 3 to 7, the American Association for Laboratory Accreditation (A2LA), an approved AB for the DOECAP-AP, conducted an assessment of GEL Laboratories in Charleston, South Carolina. The assessment team recorded 10 minor findings, mostly related to documentation. Upon receipt of acceptable corrective actions, the AB found GEL Laboratories in compliance with QSM 6.0, the 2016 TNI standard, and ISO/IEC 17025:2017 for their accredited scope, and DOECAP accreditation was maintained.
- **Pace Analytical Services, LLC dba BC Laboratories, Inc**: From November 4 to 7, ANAB conducted an assessment of Pace Analytical Services, LLC dba BC Laboratories, Inc. in Bakersfield, California. The assessment team recorded 36 minor findings, a significant increase from 2024. The findings included deficiencies regarding the following:
    - Documentation, detection, reporting, and training for improper, inappropriate, and prohibited actions
    - Equipment maintenance and calibration
    - Insufficient instructions in methods documents
    - Accuracy and completeness of sample preparation and analysis records
    - Lack of explanation in case narratives for re-issued or amended reports
    - Use of non-certified reference materials for method calibrations

  The large number of findings and the potential they have to affect sample results are of great concern to LLNL. A copy of the Pace corrective actions was requested but not provided. DOECAP accreditation to QSM 5.4 and ISO/IEC 17025:2017 remains in effect through March 2026. Acceptance of corrective actions and DOECAP accreditation to QSM 6.0 and ISO/IEC 17025:2017 is pending.

G-1-9.4. Internal Assessments and Inspections

DOE/LLNL conducts both formal and informal self-assessments to evaluate work activities against procedural, QA, management, and integrated safety management system (ISMS) practices. External regulatory agencies and management also perform frequent assessments, verifications, and inspections of DOE/LLNL work activities.

In 2025, the following seven assessments were conducted for the Livermore Site Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) program:

- Visit and inspection by the California Department of Toxic Substances Control (DTSC) and San Francisco Bay Regional Water Quality Control Board (RWQCB)
- Regulatory compliance inspection of air emission sources by the Bay Area Air Quality Management District (BAAQMD)
- Storm Water Pollution Prevention Program (SWPPP) inspection

- Three hazardous waste field inspections
- Verification of Livermore Site institutional and engineered controls throughout the year

For the Site 300 CERCLA program, the following 59 assessments were conducted in 2025:

- SWPPP inspection
- Three inspections of the Building 850 Corrective Action Management Unit (CAMU)
- Eleven inspections of the Pit 7 drainage diversion system (DDS)
- Four inspections of the Building 829 monitor wells
- Forty inspections regarding landfill cap integrity and overall conditions at the Pit 1, 2, 3, 5, 6, 7, 8, 9, and 829 Landfills

Issues and deficiencies observed during these assessments are tracked from inception to resolution using the institutional issues tracking system. No deficiencies were associated with the assessments performed for either the Livermore Site or Site 300 during this reporting period.

G-1-10. Summary and Conclusion

Due to the late availability of 2025 analytical results and issues revealed during initial review of the data, a conclusion regarding MQOs and data quality requires further investigation. Preliminary results and issues requiring additional assessment are as follows:

- Analytical data from 11 samples, 9 of them for HE compound analyses, were rejected due to poor QC data. Additional data rejection and/or data qualifiers may be necessary after further investigation.
- In terms of analytical accuracy, except for LCS recoveries for aqueous analyses of HE compounds, preliminary results indicate that MQO requirements for LCS recoveries were met for aqueous, soil, and air analyses.
- LCS recoveries for aqueous analyses of HE compounds require further investigation to determine if MQO requirements were met.
- In terms of analytical precision, except for RPD results for VOCs in aqueous analyses and metals in soil analyses, preliminary results indicate that MQO requirements for RPD results were met for aqueous, soil, and air sample analyses.
- Further assessment of VOC RPD results for aqueous analyses and metals RPD results for soil analyses is necessary to determine if data are missing or overlooked due to the inconsistent use of EDD QC types to report results.
- In terms of field QC precision, except for metals results for aqueous and soil analyses, preliminary results indicate the MQO requirements for RPD results were met for aqueous, soil, and air analyses.
- RPD results from duplicate sample comparisons for aqueous and soil analyses of metals require further assessment.
- Overall, preliminary results indicate the MQO requirements for duplicate sample comparisons were met. However, poor inter-laboratory comparison results for HE compounds, perchlorate, and nitrate in aqueous samples indicate further investigation is necessary.
- In terms of field QC completeness, except for aqueous analyses for metals and soil analyses for VOCs and tritium, preliminary results indicate the MQO requirement for 10% duplicate sample

collection has been met, and, where possible, evenly split between inter- and intra-laboratory comparisons.

- In terms of representativeness and comparability, poor inter-laboratory comparisons and anomalous historic maximums reported for HE compounds, perchlorate, and nitrate indicate that further investigation of these results is necessary. Also, the method employed to compare inter-laboratory results of trace concentrations of metals and non-detect results from air samples with reporting limits that vary by and order of magnitude or more should be re-evaluated.
- Completeness for both Livermore Site and Site 300 was 99%, exceeding the 85% MQO.
- In terms of PT, with the exception results for EPA Method 8330 (HE compounds) from Pace Analytical's Bakersfield location, analytical laboratories fulfilled their contract requirements by participating in PT programs with acceptable results for the analytical methods applicable to Livermore Site and Site 300 samples.
- DOECAP conducted assessments of Eurofins Environment Testing Northern California (Air Toxics) and GEL Laboratories, and their DOECAP certifications were maintained. The DOECAP assessment of the Pace Analytical Bakersfield location, in November, recorded 36 minor findings, a significant increase over 2024. Many of these findings are of concern to LLNL due to their possible effect on analytical results. Acceptance of corrective actions and DOECAP accreditation to QSM 6.0 and ISO/IEC 17025:2017 is pending.
- Routine self-assessments of internal operations and facilities and regulatory inspections were conducted at both the Livermore Site and Site 300. No major deficiencies were noted.

Conclusions regarding the quality of the analytical data obtained from the analysis of environmental samples collected through the environmental restoration projects at the Livermore Site and Site 300 during 2025 are pending until review of the data is completed.

G-1-11. References

DoD/DOE (U.S. Department of Defense/U.S. Department of Energy). 2023. *Quality Systems Manual (QSM) for Environmental Laboratories*. Vers 6.0.

LLNL (Lawrence Livermore National Laboratory). 2020. *Quality Assurance Project Plan, Lawrence Livermore National Laboratory Livermore Site and Site 300 Environmental Restoration Projects*. LLNL. UCRL-AR-103160-REV-4.

Table G-1. MQOs for analytical data.

Precision			
	Analytical QC **RPD limit**	***Field QC*** **RPD limit**	**Requirement**
VOCs	15	25	≥ 85% of results are acceptable* or ≤ RPD limit.
HE compounds	25	35	≥ 85% of results are acceptable* or ≤ RPD limit.
Metals	10	20	≥ 85% of results are acceptable* or ≤ RPD limit.
Radionuclides			
Tritium	20	30	≥ 85% of results are acceptable* or ≤ RPD limit.
Uranium-238	20	30	≥ 85% of results are acceptable* or ≤ RPD limit.
Anions			
Nitrate	5	15	≥ 85% of results are acceptable* or ≤ RPD limit.
Perchlorate	10	20	≥ 85% of results are acceptable* or ≤ RPD limit.

* Guidelines for duplicate results comparison:

- The standard RPD calculation is used when one or both results are greater than five times the reporting limit.
- When both results are less than five times the reporting limit, results are acceptable when the difference between the results is less than or equal to the reporting limit.
- When both results are less than the reporting limit and the reporting limits are the same, the results are acceptable.
- When both results are less than the reporting limit but the reporting limits are different, the difference between half the reporting limits must be less than or equal to the smaller reporting limit to be acceptable.
- When one result is a detection greater than the reporting limit and the other result is less than the reporting limit (the reporting limits may be different), the difference between the detection and half the reporting limit must be less than or equal to the smaller reporting limit to be acceptable.

Accuracy		
	LCS recovery	**Requirement**
VOCs	80-120%	≥ 85% of LCS recoveries
HE compounds	80-120%	≥ 85% of LCS recoveries
Metals	90-110%	≥ 85% of LCS recoveries
Radionuclides		
Tritium	80-120%	≥ 85% of LCS recoveries
Uranium-238	85-115%	≥ 85% of LCS recoveries
Anions		
Nitrate	90-110%	100% of LCS recoveries
Perchlorate	85-115%	100% of LCS recoveries

Table G-1. MQOs for analytical data.

Representativeness
The annual QA summary discusses detections in blank samples and/or other indications that the representativeness of samples has been compromised.
Comparability
The annual QA summary discusses any issues affecting the comparability of analytical results.
Completeness
Analytical results are available for at least 85% of all planned sampling events for the Livermore Site and Site 300.
At least 10% of all samples collected have a collocated duplicate (1/2 or 5% of total samples) sent for inter-laboratory comparison and the other 1/2 sent for intra-laboratory comparison.
The annual QA summary discusses failures to meet this MQO along with corrective actions.
Sensitivity
The annual QA summary discusses any failures to meet required reporting limits.

Notes:

HE = high explosives; LCS = laboratory control sample; MQO = measurement quality objectives; QA = quality assurance; QC = quality control; RPD = relative percent difference; VOCs = volatile organic compounds.

Attachment 1

Well Location Map of the Livermore Site

LLNL Livermore Site Well Location Map

- Groundwater extraction well
- Dual extraction well
- Groundwater injection well
- Piezometer
- Monitor well
- Anode well
- Multiport system
- Guard well
- Water supply well (active)
- Soil vapor extraction well
- Soil vapor injection well
- Soil vapor monitor well
- Indicates abandoned or decommissioned well
- Receiving water sample location

Hydrostratigraphic unit (HSU) in which the well is screened:

- 1A
- 1B
- 2
- 3A
- 3B
- 4
- 5
- 6
- 7
- Multiple HSUs

Light gray well label indicates well is abandoned or decommissioned.
Dark gray well label indicates HSU is unknown/insufficient data.

- Treatment facility location (treatment unit)
- Offsite road
- Livermore Site boundary
- Treatment facility area (dashed off-facility)
- Stream (ephemeral)
- Stream (perennial)
- Building/structure
- Lake Haussmann
- A-6 Parking lot designation

N

1:2,400
1 inch on the map = 200 feet on the ground when printed on a sheet 55 by 42 inches

0 200 400 800
Feet

The map is projected on the Lambert Conformal Conic Projection used by the California State Plane Coordinate System, Zone III, NAD 27. The grid displayed is the LLNL Coordinate Grid, in feet.

Produced by the Environmental Restoration Department at LLNL, 31-Mar-2026
S200_WellMap_2400_20260331.msd

LLNL-POST-641643
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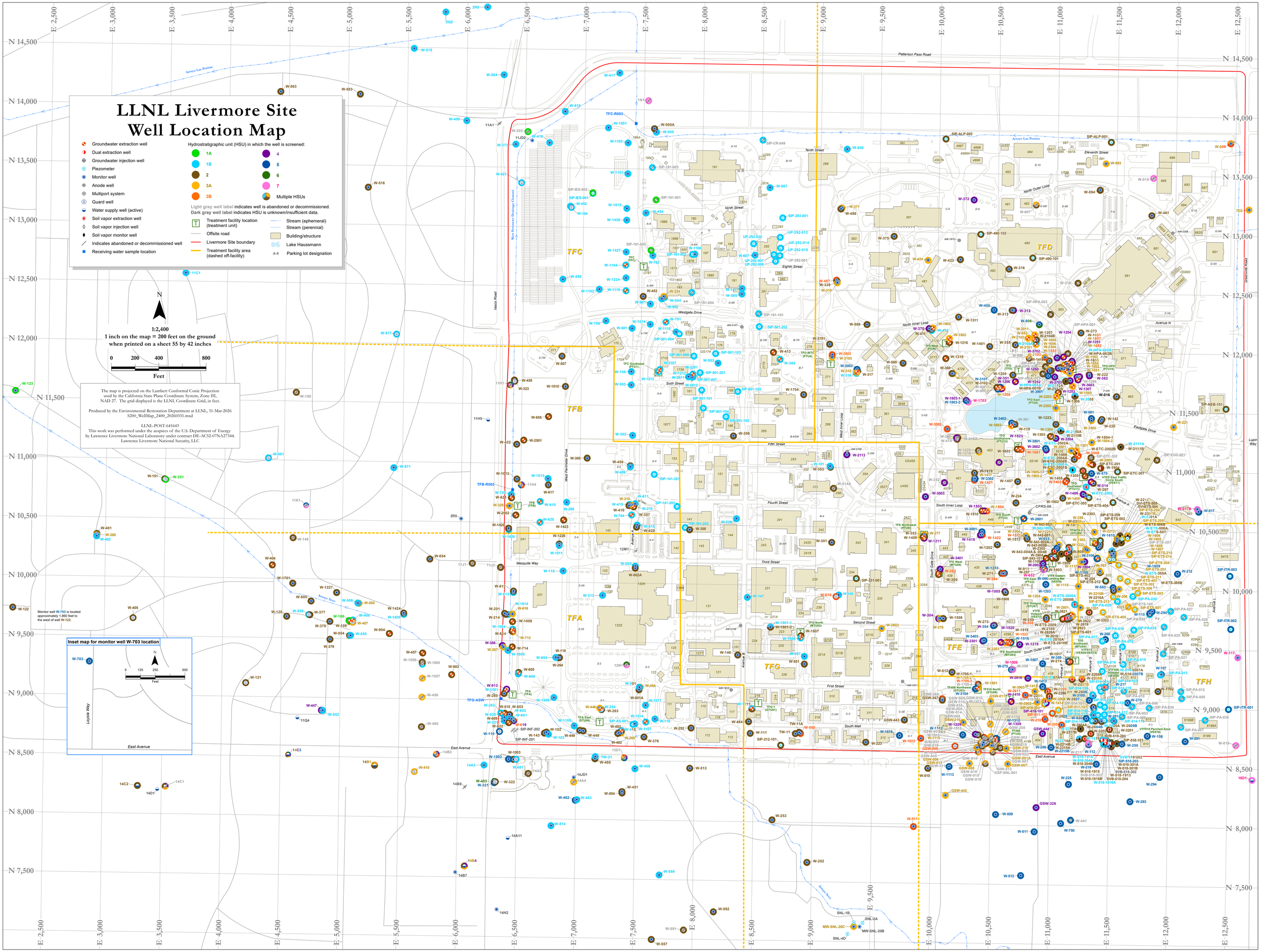
Monitor well W-703 is located approximately 1,860 feet to the west of well W-122.

Inset map for monitor well W-703 location

N

0 125 250 500
Feet



Attachment 2

2025 Analytical Results for the Livermore Site

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
11C1	4/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
11C1	4/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
11C1	4/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
11C1	4/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
11C1	4/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
11C1	4/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
11C1	4/17/25	RTN	Bromoform		< 0.5	ug/L	
11C1	4/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
11C1	4/17/25	RTN	Chloroform		1.7	ug/L	
11C1	4/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
11C1	4/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
11C1	4/17/25	RTN	Trichloroethene		< 0.5	ug/L	
11C1	4/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
11C1	4/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
11C1	4/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
11C1	4/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
11C1	4/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
14A3	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
14A3	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
14A3	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
14A3	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
14A3	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
14A3	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
14A3	12/1/25	RTN	Bromoform		< 0.5	ug/L	
14A3	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
14A3	12/1/25	RTN	Chloroform		< 0.5	ug/L	
14A3	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
14A3	12/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
14A3	12/1/25	RTN	Trichloroethene		< 0.5	ug/L	
14A3	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
14A3	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
14A3	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
14A3	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
14A3	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
14B1	3/20/25	RTN	Tritium		< 100	pCi/L	
14B1	12/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
14B1	12/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
14B1	12/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
14B1	12/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
14B1	12/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
14B1	12/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
14B1	12/15/25	RTN	Bromoform		< 0.5	ug/L	
14B1	12/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
14B1	12/15/25	RTN	Chloroform		< 0.5	ug/L	
14B1	12/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
14B1	12/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
14B1	12/15/25	RTN	Trichloroethene		< 0.5	ug/L	
14B1	12/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
14B1	12/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
14B1	12/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
14B1	12/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
14B1	12/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
14B4	12/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
14B4	12/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
14B4	12/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
14B4	12/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
14B4	12/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
14B4	12/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
14B4	12/15/25	RTN	Bromoform		< 0.5	ug/L	
14B4	12/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
14B4	12/15/25	RTN	Chloroform		< 0.5	ug/L	
14B4	12/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
14B4	12/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
14B4	12/15/25	RTN	Trichloroethene		< 0.5	ug/L	
14B4	12/15/25	RTN	Trichlorofluoromethane		0.51	ug/L	
14B4	12/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
14B4	12/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
14B4	12/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
14B4	12/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
18D1	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
18D1	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
18D1	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
18D1	5/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
18D1	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
18D1	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
18D1	5/1/25	RTN	Bromoform		< 0.5	ug/L	
18D1	5/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
18D1	5/1/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
18D1	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
18D1	5/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
18D1	5/1/25	RTN	Trichloroethene		< 0.5	ug/L	
18D1	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
18D1	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
18D1	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
18D1	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
18D1	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Bromoform		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Chloroform		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Trichloroethene		3.8	ug/L	
GSW-001A	4/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-001A	4/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-007	3/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-007	3/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Bromoform		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Chloroform		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-007	3/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
GSW-007	3/5/25	RTN	Vinyl chloride	<	0.5	ug/L	
GSW-007	3/5/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
GSW-007	3/5/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
GSW-008	3/5/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
GSW-008	3/5/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Bromodichloromethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Bromoform	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Chloroform	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Dibromochloromethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Tetrachloroethene	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Trichloroethene	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
GSW-008	3/5/25	RTN	Vinyl chloride	<	0.5	ug/L	
GSW-008	3/5/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
GSW-008	3/5/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
GSW-008	12/2/25	RTN	Chromium		0.012	mg/L	
GSW-008	12/2/25	RTN	Hexavalent Chromium		0.0067	mg/L	
GSW-009	3/18/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
GSW-009	3/18/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Bromodichloromethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Bromoform	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Carbon tetrachloride		1.7	ug/L	
GSW-009	3/18/25	RTN	Chloroform		0.83	ug/L	
GSW-009	3/18/25	RTN	Dibromochloromethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Tetrachloroethene	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Trichloroethene	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
GSW-009	3/18/25	RTN	Vinyl chloride	<	0.5	ug/L	
GSW-009	3/18/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
GSW-009	3/18/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
GSW-009	4/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-009	4/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Bromoform		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Carbon tetrachloride		1.5	ug/L	
GSW-009	4/28/25	RTN	Chloroform		0.8	ug/L	
GSW-009	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-009	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-009	4/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-009	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-009	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Bromoform		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Carbon tetrachloride		1.3	ug/L	H
GSW-009	7/10/25	RTN	Chloroform		0.76	ug/L	H
GSW-009	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
GSW-009	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
GSW-009	11/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-009	11/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
GSW-009	11/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Bromoform		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Carbon tetrachloride		1.7	ug/L	
GSW-009	11/3/25	RTN	Chloroform		0.89	ug/L	
GSW-009	11/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-009	11/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-009	11/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-009	11/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-011	4/1/25	RTN	Tritium		< 100	pCi/L	
GSW-013	4/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-013	4/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Bromoform		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Chloroform		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-013	4/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-013	4/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-013	4/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-215	4/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-215	4/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Bromoform		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Chloroform		3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
GSW-215	4/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-215	4/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-215	4/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-215	4/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-326	3/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-326	3/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Bromoform		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Chloroform		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-326	3/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-326	3/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-326	3/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-367	8/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-367	8/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	Bromoform		< 0.5	ug/L	
GSW-367	8/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-367	8/20/25	RTN	Chloroform		3	ug/L	
GSW-367	8/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	Tetrachloroethene		3.7	ug/L	
GSW-367	8/20/25	RTN	Trichloroethene		2.9	ug/L	
GSW-367	8/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-367	8/20/25	RTN	Trichlorotrifluoroethane		2.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
GSW-367	8/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-367	8/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-367	8/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-442	3/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-442	3/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Bromodichloromethane		0.5	ug/L	
GSW-442	3/12/25	RTN	Bromoform		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Chloroform		13	ug/L	
GSW-442	3/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-442	3/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-442	3/12/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-442	3/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-442	12/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-442	12/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Bromoform		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Chloroform		10	ug/L	
GSW-442	12/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-442	12/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-442	12/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-442	12/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-444	3/12/25	RTN	Tritium		< 100	pCi/L	
GSW-444	10/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
GSW-444	10/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
GSW-444	10/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Bromoform		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Chloroform		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Trichloroethene		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
GSW-444	10/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
GSW-444	10/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
GSW-444	10/28/25	RTN	Chromium		0.016	mg/L	
GSW-444	10/28/25	RTN	Hexavalent Chromium		0.017	mg/L	
SIP-141-201	1/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	Bromoform		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	Chloroform		3.9	ug/L	
SIP-141-201	1/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	Tetrachloroethene		2.1	ug/L	
SIP-141-201	1/30/25	RTN	Trichloroethene		0.58	ug/L	
SIP-141-201	1/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	Trichlorotrifluoroethane		0.56	ug/L	
SIP-141-201	1/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-141-201	1/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-141-202	9/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-141-202	9/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-141-202	9/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-141-202	9/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-141-202	9/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Bromoform	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Chloroform		4.1	ug/L	
SIP-141-202	9/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Trichloroethene		29	ug/L	
SIP-141-202	9/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-141-202	9/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	E
SIP-141-203	1/13/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Bromoform	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Chloroform		0.99	ug/L	
SIP-141-203	1/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Tetrachloroethene	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Trichloroethene		14	ug/L	
SIP-141-203	1/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	Trichlorotrifluoroethane		4.6	ug/L	
SIP-141-203	1/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-141-203	1/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	Bromoform	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	Chloroform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-191-002	1/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	Tetrachloroethene		2.2	ug/L	
SIP-191-002	1/21/25	RTN	Trichloroethene		29	ug/L	
SIP-191-002	1/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	Trichlorotrifluoroethane		0.67	ug/L	
SIP-191-002	1/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-191-002	1/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Bromoform	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Chloroform	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Tetrachloroethene		2.3	ug/L	
SIP-191-002	9/8/25	RTN	Trichloroethene		29	ug/L	
SIP-191-002	9/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	Trichlorotrifluoroethane		0.63	ug/L	
SIP-191-002	9/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-191-002	9/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Bromoform	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Chloroform		1.5	ug/L	
SIP-331-001	5/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Tetrachloroethene		18	ug/L	
SIP-331-001	5/13/25	RTN	Trichloroethene		8.4	ug/L	
SIP-331-001	5/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Trichlorotrifluoroethane		3.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-331-001	5/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-331-001	5/13/25	RTN	Tritium		173	pCi/L	
SIP-419-101	7/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	1,1-Dichloroethene		7.6	ug/L	H
SIP-419-101	7/2/25	RTN	1,2-Dichloroethane		0.68	ug/L	H
SIP-419-101	7/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	Bromoform	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	Carbon tetrachloride		12	ug/L	H
SIP-419-101	7/2/25	RTN	Chloroform		1.4	ug/L	H
SIP-419-101	7/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	Tetrachloroethene		4.6	ug/L	H
SIP-419-101	7/2/25	RTN	Trichloroethene		230	ug/L	DH
SIP-419-101	7/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	Vinyl chloride	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	H
SIP-419-101	7/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	H
SIP-419-202	3/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	1,1-Dichloroethene		3.2	ug/L	
SIP-419-202	3/13/25	RTN	1,2-Dichloroethane		11	ug/L	
SIP-419-202	3/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	Bromoform	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	Carbon tetrachloride		9.6	ug/L	
SIP-419-202	3/13/25	RTN	Chloroform		4.7	ug/L	
SIP-419-202	3/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	Tetrachloroethene		28	ug/L	
SIP-419-202	3/13/25	RTN	Trichloroethene		290	ug/L	D
SIP-419-202	3/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	E
SIP-419-202	3/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-419-202	3/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-419-202	4/15/25	RTN	Tritium		22200	pCi/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-419-202	4/15/25	DUP	Tritium		21200	pCi/L	
SIP-419-202	7/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	1,1-Dichloroethene		3	ug/L	H
SIP-419-202	7/2/25	RTN	1,2-Dichloroethane		10	ug/L	H
SIP-419-202	7/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	Bromoform	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	Carbon tetrachloride		8.7	ug/L	H
SIP-419-202	7/2/25	RTN	Chloroform		4.1	ug/L	H
SIP-419-202	7/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	Tetrachloroethene		32	ug/L	H
SIP-419-202	7/2/25	RTN	Trichloroethene		300	ug/L	DH
SIP-419-202	7/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	EH
SIP-419-202	7/2/25	RTN	Vinyl chloride	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	H
SIP-419-202	7/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	H
SIP-419-202	10/1/25	RTN	Tritium		21100	pCi/L	
SIP-419-202	10/1/25	DUP	Tritium		23400	pCi/L	
SIP-501-007	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	1,1-Dichloroethene		0.65	ug/L	
SIP-501-007	1/13/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Bromoform	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Chloroform		1.3	ug/L	
SIP-501-007	1/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Tetrachloroethene	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Trichloroethene		95	ug/L	
SIP-501-007	1/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-007	1/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-501-101	1/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	1,1-Dichloroethene		0.58	ug/L	
SIP-501-101	1/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	Bromoform	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	Chloroform		2.1	ug/L	
SIP-501-101	1/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	Tetrachloroethene		0.5	ug/L	
SIP-501-101	1/21/25	RTN	Trichloroethene		9.3	ug/L	
SIP-501-101	1/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	Trichlorotrifluoroethane		6.6	ug/L	
SIP-501-101	1/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-101	1/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Bromoform	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Chloroform		1.2	ug/L	
SIP-501-105	4/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Trichloroethene		3.5	ug/L	
SIP-501-105	4/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	Trichlorotrifluoroethane		1.6	ug/L	
SIP-501-105	4/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-105	4/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	1,1-Dichloroethene		2.3	ug/L	
SIP-501-201	7/21/25	RTN	1,2-Dichloroethane		1.6	ug/L	
SIP-501-201	7/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-501-201	7/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	Chloroform		1.2	ug/L	
SIP-501-201	7/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	Tetrachloroethene	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	Trichloroethene		110	ug/L	D
SIP-501-201	7/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-201	7/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	Bromoform	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	Chloroform		0.58	ug/L	
SIP-501-202	7/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	Tetrachloroethene		0.75	ug/L	
SIP-501-202	7/21/25	RTN	Trichloroethene		4.8	ug/L	
SIP-501-202	7/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
SIP-501-202	7/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-501-202	7/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-543-101	4/30/25	RTN	Tritium		233	pCi/L	
SIP-543-101	12/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	1,1-Dichloroethene		23	ug/L	
SIP-543-101	12/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	Bromoform	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	Chloroform	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-543-101	12/8/25	RTN	Tetrachloroethene		82	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-543-101	12/8/25	RTN	Trichloroethene		82	ug/L	
SIP-543-101	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-543-101	12/8/25	RTN	Trichlorotrifluoroethane		2.9	ug/L	
SIP-543-101	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-543-101	12/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-543-101	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Trichloroethene		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ALP-001	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Bromoform		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Chloroform		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Tetrachloroethene		2.8	ug/L	
SIP-AS-001	4/8/25	RTN	Trichloroethene		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-AS-001	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-AS-001	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	1,1-Dichloroethene		6.9	ug/L	
SIP-ETC-201	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Tetrachloroethene		28	ug/L	
SIP-ETC-201	1/7/25	RTN	Trichloroethene		32	ug/L	
SIP-ETC-201	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	1,1-Dichloroethane		0.63	ug/L	
SIP-ETC-201	4/7/25	RTN	1,1-Dichloroethene		13	ug/L	
SIP-ETC-201	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Tetrachloroethene		56	ug/L	
SIP-ETC-201	4/7/25	RTN	Trichloroethene		52	ug/L	
SIP-ETC-201	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	1,1-Dichloroethene		4.9	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-ETC-201	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Tetrachloroethene		29	ug/L	
SIP-ETC-201	7/10/25	RTN	Trichloroethene		22	ug/L	
SIP-ETC-201	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	1,1-Dichloroethene		5.6	ug/L	
SIP-ETC-201	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Tetrachloroethene		29	ug/L	
SIP-ETC-201	10/8/25	RTN	Trichloroethene		26	ug/L	
SIP-ETC-201	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	L
SIP-ETC-201	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-201	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-ETC-301	7/23/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Tetrachloroethene		0.64	ug/L	
SIP-ETC-301	7/23/25	RTN	Trichloroethene	<	0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETC-301	7/23/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	1,2-Dichloroethane		0.78	ug/L	
SIP-ETS-212	4/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	Bromoform	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	Carbon tetrachloride		0.74	ug/L	
SIP-ETS-212	4/24/25	RTN	Chloroform		18	ug/L	
SIP-ETS-212	4/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	Tetrachloroethene		2.8	ug/L	
SIP-ETS-212	4/24/25	RTN	Trichloroethene		46	ug/L	
SIP-ETS-212	4/24/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	Trichlorotrifluoroethane		5	ug/L	
SIP-ETS-212	4/24/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-212	4/24/25	RTN	Tritium		142	pCi/L	
SIP-ETS-401	4/1/25	RTN	Tritium		436	pCi/L	
SIP-ETS-401	10/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	1,1-Dichloroethane		0.86	ug/L	
SIP-ETS-401	10/13/25	RTN	1,1-Dichloroethene		6.4	ug/L	
SIP-ETS-401	10/13/25	RTN	1,2-Dichloroethane		1.5	ug/L	
SIP-ETS-401	10/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	Bromoform	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	Carbon tetrachloride		0.76	ug/L	
SIP-ETS-401	10/13/25	RTN	Chloroform		12	ug/L	
SIP-ETS-401	10/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	Tetrachloroethene		14	ug/L	
SIP-ETS-401	10/13/25	RTN	Trichloroethene		110	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-ETS-401	10/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	Trichlorotrifluoroethane		7.1	ug/L	
SIP-ETS-401	10/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-401	10/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	1,1-Dichloroethene		4.6	ug/L	
SIP-ETS-402	4/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	Bromoform	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	Carbon tetrachloride		0.72	ug/L	
SIP-ETS-402	4/29/25	RTN	Chloroform		0.84	ug/L	
SIP-ETS-402	4/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	Tetrachloroethene		4.7	ug/L	
SIP-ETS-402	4/29/25	RTN	Trichloroethene		35	ug/L	
SIP-ETS-402	4/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	Trichlorotrifluoroethane		11	ug/L	
SIP-ETS-402	4/29/25	RTN	Vinyl chloride	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-402	4/29/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	1,1-Dichloroethene		0.56	ug/L	
SIP-ETS-405	10/28/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	Bromodichloromethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	Bromoform	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	Chloroform		1.3	ug/L	
SIP-ETS-405	10/28/25	RTN	Chromium		0.0084	mg/L	
SIP-ETS-405	10/28/25	RTN	Dibromochloromethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	Hexavalent Chromium		0.0095	mg/L	
SIP-ETS-405	10/28/25	RTN	Tetrachloroethene		2.7	ug/L	
SIP-ETS-405	10/28/25	RTN	Trichloroethene		31	ug/L	
SIP-ETS-405	10/28/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	Trichlorotrifluoroethane		0.66	ug/L	
SIP-ETS-405	10/28/25	RTN	Vinyl chloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-ETS-405	10/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETS-405	10/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	1,1-Dichloroethane		0.83	ug/L	
SIP-ETS-502	10/13/25	RTN	1,1-Dichloroethene		3.6	ug/L	
SIP-ETS-502	10/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Chloroform		25	ug/L	
SIP-ETS-502	10/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Tetrachloroethene		9.8	ug/L	
SIP-ETS-502	10/13/25	RTN	Trichloroethene		93	ug/L	
SIP-ETS-502	10/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETS-502	10/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Tetrachloroethene		5.8	ug/L	
SIP-ETS-601	2/19/25	RTN	Trichloroethene		49	ug/L	
SIP-ETS-601	2/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	Trichlorotrifluoroethane		0.56	ug/L	
SIP-ETS-601	2/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ETS-601	2/19/25	RTN	cis-1,2-Dichloroethene		0.54	ug/L	
SIP-ETS-601	2/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ETS-601	10/2/25	RTN	Tritium		< 100	pCi/L	
SIP-ITR-001	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
SIP-ITR-001	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Trichloroethene		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ITR-001	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Bromoform		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Chloroform		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Tetrachloroethene		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Trichloroethene		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
SIP-ITR-003	5/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
TW-21	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
TW-21	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
TW-21	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
TW-21	12/1/25	RTN	Chloroform		< 0.5	ug/L	
TW-21	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	Tetrachloroethene		5.3	ug/L	
TW-21	12/1/25	RTN	Trichloroethene		1.5	ug/L	
TW-21	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
TW-21	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
TW-21	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
TW-21	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Bromoform		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Chloroform		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Trichloroethene		0.67	ug/L	
UP-292-006	1/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
UP-292-006	1/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
UP-292-006	1/9/25	RTN	Tritium		5800	pCi/L	
UP-292-006	7/15/25	RTN	Tritium		5040	pCi/L	
UP-292-006	7/15/25	DUP	Tritium		4970	pCi/L	
UP-292-007	1/9/25	RTN	Tritium		20700	pCi/L	
UP-292-007	7/15/25	RTN	Tritium		14200	pCi/L	
UP-292-007	7/15/25	DUP	Tritium		14800	pCi/L	
UP-292-012	1/9/25	RTN	Tritium		635	pCi/L	
UP-292-012	7/15/25	RTN	Tritium		420	pCi/L	
UP-292-014	1/9/25	RTN	Tritium		< 100	pCi/L	
UP-292-015	1/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
UP-292-015	1/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
UP-292-015	1/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
UP-292-015	1/9/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Bromoform	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Chloroform	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Tetrachloroethene	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Trichloroethene	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
UP-292-015	1/9/25	RTN	Tritium		3230	pCi/L	
UP-292-015	7/15/25	RTN	Tritium		1230	pCi/L	
UP-292-015	7/15/25	DUP	Tritium		1370	pCi/L	
W-001A	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	1,1-Dichloroethane		0.62	ug/L	
W-001A	1/16/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-001A	1/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	Bromoform	<	0.5	ug/L	
W-001A	1/16/25	RTN	Carbon tetrachloride		2.3	ug/L	
W-001A	1/16/25	RTN	Chloroform		3.3	ug/L	
W-001A	1/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	Tetrachloroethene		1.8	ug/L	
W-001A	1/16/25	RTN	Trichloroethene		8.1	ug/L	
W-001A	1/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-001A	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-001A	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-001A	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-002	10/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-002	10/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-002	10/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-002	10/20/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-002	10/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-002	10/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-002	10/20/25	RTN	Bromoform	<	0.5	ug/L	
W-002	10/20/25	RTN	Carbon tetrachloride		0.58	ug/L	
W-002	10/20/25	RTN	Chloroform		6.5	ug/L	
W-002	10/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-002	10/20/25	RTN	Tetrachloroethene		4	ug/L	
W-002	10/20/25	RTN	Trichloroethene		4.2	ug/L	
W-002	10/20/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-002	10/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-002	10/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-002	10/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-002	10/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-002A	7/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	1,1-Dichloroethene		4	ug/L	
W-002A	7/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	Bromoform	<	0.5	ug/L	
W-002A	7/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-002A	7/9/25	RTN	Chloroform		2.3	ug/L	
W-002A	7/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	Tetrachloroethene		2.3	ug/L	
W-002A	7/9/25	RTN	Trichloroethene		3	ug/L	
W-002A	7/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-002A	7/9/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-002A	7/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-002A	7/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-002A	7/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-004	3/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-004	3/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-004	3/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-004	3/20/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-004	3/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-004	3/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-004	3/20/25	RTN	Bromoform	<	0.5	ug/L	
W-004	3/20/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-004	3/20/25	RTN	Chloroform	<	0.5	ug/L	
W-004	3/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-004	3/20/25	RTN	Tetrachloroethene		0.86	ug/L	
W-004	3/20/25	RTN	Trichloroethene		7.4	ug/L	
W-004	3/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-004	3/20/25	RTN	Trichlorotrifluoroethane		4.6	ug/L	
W-004	3/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-004	3/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-004	3/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-008	1/30/25	RTN	Tritium		< 100	pCi/L	
W-008	11/3/25	RTN	Chromium		0.0025	mg/L	
W-008	11/3/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-011	9/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-011	9/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-011	9/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-011	9/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	L
W-011	9/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-011	9/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-011	9/16/25	RTN	Bromoform		< 0.5	ug/L	
W-011	9/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-011	9/16/25	RTN	Chloroform		< 0.5	ug/L	
W-011	9/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-011	9/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-011	9/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-011	9/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-011	9/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-011	9/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-011	9/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-011	9/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-012	3/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-012	3/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-012	3/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-012	3/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-012	3/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-012	3/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-012	3/10/25	RTN	Bromoform		< 0.5	ug/L	
W-012	3/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-012	3/10/25	RTN	Chloroform		< 0.5	ug/L	
W-012	3/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-012	3/10/25	RTN	Tetrachloroethene		9	ug/L	
W-012	3/10/25	RTN	Trichloroethene		11	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-012	3/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-012	3/10/25	RTN	Trichlorotrifluoroethane		2	ug/L	
W-012	3/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-012	3/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-012	3/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-017	1/9/25	RTN	Tritium		< 100	pCi/L	
W-017	10/30/25	RTN	Chromium		0.01	mg/L	
W-017	10/30/25	RTN	Hexavalent Chromium		0.011	mg/L	
W-017A	5/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-017A	5/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	Bromoform		< 0.5	ug/L	
W-017A	5/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-017A	5/5/25	RTN	Chloroform		< 0.5	ug/L	
W-017A	5/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-017A	5/5/25	RTN	Trichloroethene		< 0.5	ug/L	
W-017A	5/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-017A	5/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-017A	5/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-017A	5/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1001	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1001	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1001	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-1001	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1001	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1001	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1001	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1001	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1001	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1001	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1001	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1001	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1001	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1001	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1001	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1001	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1001	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1001	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1001	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1001	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1001	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1001	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1001	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1001	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1001	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1001	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1001	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1001	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1001	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1001	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1001	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1001	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1001	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1001	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1001	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1002	1/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1002	1/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1002	1/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1002	1/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1002	1/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	Tetrachloroethene		1.2	ug/L	
W-1002	1/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1002	1/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1002	1/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1002	1/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1002	1/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1002	11/5/25	RTN	Chromium		0.0095	mg/L	
W-1002	11/5/25	RTN	Hexavalent Chromium		0.01	mg/L	
W-1003	11/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1003	11/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1003	11/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1003	11/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1003	11/5/25	RTN	Chloroform		< 0.5	ug/L	
W-1003	11/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1003	11/5/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1003	11/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1003	11/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1003	11/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1003	11/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1004	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1004	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1004	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-1004	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	Tetrachloroethene		1.8	ug/L	
W-1004	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1004	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1004	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1004	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1004	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1004	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1004	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1004	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1004	4/9/25	RTN	Tetrachloroethene		1.6	ug/L	
W-1004	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1004	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1004	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1004	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1004	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1004	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1004	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1004	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	Tetrachloroethene		1.6	ug/L	
W-1004	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1004	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1004	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1004	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1004	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1004	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1004	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1004	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	Tetrachloroethene		1.7	ug/L	
W-1004	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1004	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1004	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1004	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1004	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1008	4/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1008	4/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	Bromoform		< 0.5	ug/L	
W-1008	4/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1008	4/28/25	RTN	Chloroform		< 0.5	ug/L	
W-1008	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1008	4/28/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1008	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1008	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1008	4/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1008	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	3/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	1,1-Dichloroethene		2	ug/L	
W-1009	3/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	Bromoform		< 0.5	ug/L	
W-1009	3/11/25	RTN	Carbon tetrachloride		0.93	ug/L	
W-1009	3/11/25	RTN	Chloroform		4.3	ug/L	
W-1009	3/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	Tetrachloroethene		6.9	ug/L	
W-1009	3/11/25	RTN	Trichloroethene		1.5	ug/L	
W-1009	3/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1009	3/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1009	3/11/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	3/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1009	4/9/25	RTN	1,1-Dichloroethene		1.9	ug/L	
W-1009	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1009	4/9/25	RTN	Carbon tetrachloride		0.86	ug/L	
W-1009	4/9/25	RTN	Chloroform		4.2	ug/L	
W-1009	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	Tetrachloroethene		5.7	ug/L	
W-1009	4/9/25	RTN	Trichloroethene		1.5	ug/L	
W-1009	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1009	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1009	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	1,1-Dichloroethene		1.7	ug/L	
W-1009	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1009	7/10/25	RTN	Carbon tetrachloride		0.83	ug/L	
W-1009	7/10/25	RTN	Chloroform		4	ug/L	
W-1009	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	Tetrachloroethene		5.6	ug/L	
W-1009	7/10/25	RTN	Trichloroethene		1.3	ug/L	
W-1009	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1009	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1009	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-1009	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1009	10/9/25	RTN	Carbon tetrachloride		0.95	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1009	10/9/25	RTN	Chloroform		4.6	ug/L	
W-1009	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	Tetrachloroethene		6.2	ug/L	
W-1009	10/9/25	RTN	Trichloroethene		1.6	ug/L	
W-1009	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1009	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1009	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1009	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1012	3/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1012	3/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	Bromoform		< 0.5	ug/L	
W-1012	3/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1012	3/4/25	RTN	Chloroform		< 0.5	ug/L	
W-1012	3/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1012	3/4/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1012	3/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1012	3/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1012	3/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1012	3/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1012	3/10/25	RTN	Hexavalent Chromium		0.0057	mg/L	H
W-1012	3/10/25	RTN	Tritium		< 100	pCi/L	
W-1013	7/31/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1013	7/31/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1013	7/31/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1013	7/31/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1013	7/31/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1013	7/31/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1013	7/31/25	RTN	Bromoform		< 0.5	ug/L	
W-1013	7/31/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1013	7/31/25	RTN	Chloroform		< 0.5	ug/L	
W-1013	7/31/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1013	7/31/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1013	7/31/25	RTN	Trichloroethene	<	0.5	ug/L	
W-1013	7/31/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1013	7/31/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1013	7/31/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1013	7/31/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1013	7/31/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1014	10/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1014	10/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	Bromoform	<	0.5	ug/L	
W-1014	10/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1014	10/21/25	RTN	Chloroform		3.1	ug/L	
W-1014	10/21/25	RTN	Chromium		0.029	mg/L	
W-1014	10/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	Hexavalent Chromium		0.028	mg/L	
W-1014	10/21/25	RTN	Tetrachloroethene		1.7	ug/L	
W-1014	10/21/25	RTN	Trichloroethene		2.4	ug/L	
W-1014	10/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1014	10/21/25	RTN	Trichlorotrifluoroethane		0.93	ug/L	
W-1014	10/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1014	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1014	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1015	7/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	E
W-1015	7/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	Bromoform	<	0.5	ug/L	
W-1015	7/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1015	7/9/25	RTN	Chloroform	<	0.5	ug/L	
W-1015	7/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	Tetrachloroethene	<	0.5	ug/L	E
W-1015	7/9/25	RTN	Trichloroethene		2.1	ug/L	
W-1015	7/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1015	7/9/25	RTN	Trichlorotrifluoroethane		0.58	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1015	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1015	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1015	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-102	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-102	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-102	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-102	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-102	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-102	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-102	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-102	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-102	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-102	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-102	1/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-102	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-102	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-102	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-102	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-102	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-102	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-103	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-103	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-103	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-103	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-103	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-103	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-103	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-103	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-103	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-103	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-103	1/16/25	RTN	Tetrachloroethene		0.94	ug/L	
W-103	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-103	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-103	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-103	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-103	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-103	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-104	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-104	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-104	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-104	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-104	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-104	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-104	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-104	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-104	3/17/25	RTN	Chloroform		< 0.5	ug/L	
W-104	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-104	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-104	3/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-104	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-104	3/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-104	3/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-104	3/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-104	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-104	4/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-104	4/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-104	4/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-104	4/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-104	4/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-104	4/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-104	4/15/25	RTN	Bromoform		< 0.5	ug/L	
W-104	4/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-104	4/15/25	RTN	Chloroform		< 0.5	ug/L	
W-104	4/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-104	4/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-104	4/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-104	4/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-104	4/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-104	4/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-104	4/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-104	4/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-104	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-104	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-104	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-104	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-104	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-104	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-104	7/8/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-104	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-104	7/8/25	RTN	Chloroform		< 0.5	ug/L	
W-104	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-104	7/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-104	7/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-104	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-104	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-104	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-104	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-104	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-104	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-104	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-104	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-104	10/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-104	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-104	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-104	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-104	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-104	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-104	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-104	10/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-104	10/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-104	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-104	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-104	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-104	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-104	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-106	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-106	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-106	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-106	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-106	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-106	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-106	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-106	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-106	1/6/25	RTN	Chloroform		< 0.5	ug/L	
W-106	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-106	1/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-106	1/6/25	RTN	Trichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-106	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-106	1/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-106	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-106	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-106	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-107	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-107	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-107	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-107	7/7/25	RTN	1,1-Dichloroethene		8.3	ug/L	
W-107	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-107	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-107	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-107	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-107	7/7/25	RTN	Chloroform		< 0.5	ug/L	
W-107	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-107	7/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-107	7/7/25	RTN	Trichloroethene		0.83	ug/L	
W-107	7/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-107	7/7/25	RTN	Trichlorotrifluoroethane		2.5	ug/L	
W-107	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-107	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-107	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-108	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-108	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-108	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-108	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-108	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-108	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-108	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-108	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-108	12/1/25	RTN	Chloroform		< 0.5	ug/L	
W-108	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-108	12/1/25	RTN	Tetrachloroethene		0.66	ug/L	
W-108	12/1/25	RTN	Trichloroethene		3.2	ug/L	
W-108	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-108	12/1/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-108	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-108	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-108	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-109	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-109	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-109	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-109	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-109	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-109	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-109	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-109	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-109	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-109	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-109	1/16/25	RTN	Tetrachloroethene		0.71	ug/L	
W-109	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-109	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-109	1/16/25	RTN	Trichlorotrifluoroethane		0.62	ug/L	
W-109	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-109	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-109	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-109	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-109	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-109	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-109	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-109	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-109	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-109	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-109	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-109	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-109	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-109	4/9/25	RTN	Tetrachloroethene		0.81	ug/L	
W-109	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-109	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-109	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-109	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-109	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-109	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-109	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-109	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-109	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-109	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-109	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-109	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-109	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-109	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-109	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-109	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-109	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-109	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-109	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-109	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-109	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-109	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-109	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-109	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-109	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-109	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-109	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-109	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-109	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-109	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-109	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-109	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-109	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-109	10/9/25	RTN	Tetrachloroethene		0.9	ug/L	
W-109	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-109	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-109	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-109	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-109	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-109	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-110	3/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-110	3/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-110	3/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-110	3/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-110	3/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-110	3/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-110	3/6/25	RTN	Bromoform		< 0.5	ug/L	
W-110	3/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-110	3/6/25	RTN	Chloroform		< 0.5	ug/L	
W-110	3/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-110	3/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-110	3/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-110	3/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-110	3/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-110	3/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-110	3/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-110	3/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-110	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-110	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-110	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-110	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-110	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-110	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-110	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-110	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-110	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-110	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-110	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-110	4/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-110	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-110	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-110	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-110	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-110	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-110	9/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-110	9/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-110	9/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-110	9/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-110	9/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-110	9/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-110	9/30/25	RTN	Bromoform		< 0.5	ug/L	
W-110	9/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-110	9/30/25	RTN	Chloroform		< 0.5	ug/L	
W-110	9/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-110	9/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-110	9/30/25	RTN	Trichloroethene		< 0.5	ug/L	
W-110	9/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-110	9/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-110	9/30/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-110	9/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-110	9/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-110	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-110	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-110	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-110	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-110	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-110	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-110	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-110	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-110	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-110	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-110	10/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-110	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-110	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-110	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-110	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-110	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-110	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1101	9/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1101	9/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1101	9/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1101	9/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1101	9/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1101	9/8/25	RTN	Trichloroethene		1.1	ug/L	
W-1101	9/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1101	9/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1101	9/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1101	9/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1101	10/27/25	RTN	Chromium		0.011	mg/L	
W-1101	10/27/25	RTN	Hexavalent Chromium		0.013	mg/L	H
W-1102	12/18/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1102	12/18/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1102	12/18/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1102	12/18/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1102	12/18/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1102	12/18/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1102	12/18/25	RTN	Bromoform		< 0.5	ug/L	
W-1102	12/18/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1102	12/18/25	RTN	Chloroform		< 0.5	ug/L	
W-1102	12/18/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1102	12/18/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1102	12/18/25	RTN	Trichloroethene		1.1	ug/L	
W-1102	12/18/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1102	12/18/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-1102	12/18/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1102	12/18/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1102	12/18/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1104	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1104	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1104	1/6/25	RTN	Chloroform		< 0.5	ug/L	
W-1104	1/6/25	RTN	Chromium		0.015	mg/L	
W-1104	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	Tetrachloroethene		1.5	ug/L	
W-1104	1/6/25	RTN	Trichloroethene		2.6	ug/L	
W-1104	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1104	1/6/25	RTN	Trichlorotrifluoroethane		0.82	ug/L	
W-1104	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1104	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1104	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1104	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1104	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1104	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1104	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1104	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1104	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1104	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-1104	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1104	4/2/25	RTN	Tetrachloroethene		1.3	ug/L	
W-1104	4/2/25	RTN	Trichloroethene		2.6	ug/L	
W-1104	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1104	4/2/25	RTN	Trichlorotrifluoroethane		0.71	ug/L	
W-1104	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1104	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1104	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1104	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1104	7/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1104	7/9/25	RTN	Chromium		0.014	mg/L	
W-1104	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	Tetrachloroethene		1.4	ug/L	
W-1104	7/9/25	RTN	Trichloroethene		2.3	ug/L	
W-1104	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1104	7/9/25	RTN	Trichlorotrifluoroethane		0.68	ug/L	
W-1104	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1104	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1104	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1104	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1104	10/8/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1104	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	Tetrachloroethene		1.3	ug/L	
W-1104	10/8/25	RTN	Trichloroethene		2.6	ug/L	
W-1104	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1104	10/8/25	RTN	Trichlorotrifluoroethane		0.8	ug/L	
W-1104	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-1104	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1104	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1105	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-1105	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-1105	7/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
W-1105	7/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	H
W-1105	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Bromoform		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Chloroform		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	OH
W-1105	7/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Trichloroethene		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	LH
W-1105	7/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
W-1105	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-1105	7/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-1105	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-1106	9/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1106	9/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1106	9/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1106	9/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1106	9/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	Tetrachloroethene		0.76	ug/L	
W-1106	9/8/25	RTN	Trichloroethene		1.3	ug/L	
W-1106	9/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1106	9/8/25	RTN	Trichlorotrifluoroethane		0.58	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1106	9/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1106	9/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1106	9/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1106	9/8/25	RTN	Tritium		< 100	pCi/L	
W-1107	7/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1107	7/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	Bromoform		< 0.5	ug/L	
W-1107	7/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1107	7/22/25	RTN	Chloroform		< 0.5	ug/L	
W-1107	7/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	Tetrachloroethene		21	ug/L	
W-1107	7/22/25	RTN	Trichloroethene		0.65	ug/L	
W-1107	7/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1107	7/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1107	7/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1107	7/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1107	7/22/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-1107	7/22/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	Bromoform		< 0.5	ug/L	
W-1107	7/22/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1107	7/22/25	DUP	Chloroform		< 0.5	ug/L	
W-1107	7/22/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	Tetrachloroethene		20	ug/L	
W-1107	7/22/25	DUP	Trichloroethene		0.65	ug/L	
W-1107	7/22/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1107	7/22/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1107	7/22/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1107	7/22/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1108	1/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1108	1/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1108	1/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1108	1/8/25	RTN	1,1-Dichloroethene		11	ug/L	
W-1108	1/8/25	RTN	1,2-Dichloroethane		2.2	ug/L	
W-1108	1/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1108	1/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1108	1/8/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-1108	1/8/25	RTN	Chloroform		13	ug/L	
W-1108	1/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1108	1/8/25	RTN	Tetrachloroethene		22	ug/L	
W-1108	1/8/25	RTN	Trichloroethene		190	ug/L	D
W-1108	1/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1108	1/8/25	RTN	Trichlorotrifluoroethane		2.5	ug/L	
W-1108	1/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1108	1/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1108	1/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1108	1/8/25	RTN	Tritium		166	pCi/L	
W-1108	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1108	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1108	4/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1108	4/7/25	RTN	1,1-Dichloroethene		13	ug/L	
W-1108	4/7/25	RTN	1,2-Dichloroethane		2.5	ug/L	
W-1108	4/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1108	4/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1108	4/7/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-1108	4/7/25	RTN	Chloroform		14	ug/L	
W-1108	4/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1108	4/7/25	RTN	Tetrachloroethene		21	ug/L	
W-1108	4/7/25	RTN	Trichloroethene		210	ug/L	D
W-1108	4/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1108	4/7/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-1108	4/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1108	4/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1108	4/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1108	4/7/25	RTN	Tritium		203	pCi/L	
W-1108	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1108	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1108	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1108	7/8/25	RTN	1,1-Dichloroethene		12	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1108	7/8/25	RTN	1,2-Dichloroethane		2.6	ug/L	
W-1108	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1108	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1108	7/8/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-1108	7/8/25	RTN	Chloroform		14	ug/L	
W-1108	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1108	7/8/25	RTN	Tetrachloroethene		24	ug/L	
W-1108	7/8/25	RTN	Trichloroethene		200	ug/L	D
W-1108	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1108	7/8/25	RTN	Trichlorotrifluoroethane		2.5	ug/L	
W-1108	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1108	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1108	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1108	7/8/25	RTN	Tritium		< 100	pCi/L	
W-1108	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1108	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1108	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1108	10/7/25	RTN	1,1-Dichloroethene		11	ug/L	
W-1108	10/7/25	RTN	1,2-Dichloroethane		2	ug/L	
W-1108	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1108	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1108	10/7/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-1108	10/7/25	RTN	Chloroform		12	ug/L	
W-1108	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1108	10/7/25	RTN	Tetrachloroethene		22	ug/L	
W-1108	10/7/25	RTN	Trichloroethene		180	ug/L	D
W-1108	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1108	10/7/25	RTN	Trichlorotrifluoroethane		2.2	ug/L	
W-1108	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1108	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1108	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1108	10/7/25	RTN	Tritium		< 100	pCi/L	
W-1109	1/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1109	1/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1109	1/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1109	1/22/25	RTN	1,1-Dichloroethene		2	ug/L	
W-1109	1/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1109	1/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1109	1/22/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1109	1/22/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1109	1/22/25	RTN	Chloroform	<	0.5	ug/L	
W-1109	1/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1109	1/22/25	RTN	Tetrachloroethene		5.4	ug/L	
W-1109	1/22/25	RTN	Trichloroethene		14	ug/L	
W-1109	1/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1109	1/22/25	RTN	Trichlorotrifluoroethane		0.6	ug/L	
W-1109	1/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1109	1/22/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1109	1/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1109	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	1,1-Dichloroethene		4.4	ug/L	
W-1109	4/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1109	4/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1109	4/8/25	RTN	Chloroform	<	0.5	ug/L	
W-1109	4/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	Tetrachloroethene		7.4	ug/L	
W-1109	4/8/25	RTN	Trichloroethene		31	ug/L	
W-1109	4/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1109	4/8/25	RTN	Trichlorotrifluoroethane		0.7	ug/L	
W-1109	4/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1109	4/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1109	4/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1109	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1109	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1109	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1109	7/8/25	RTN	1,1-Dichloroethene		3.6	ug/L	
W-1109	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1109	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1109	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1109	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1109	7/8/25	RTN	Chloroform	<	0.5	ug/L	
W-1109	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1109	7/8/25	RTN	Tetrachloroethene		7.8	ug/L	
W-1109	7/8/25	RTN	Trichloroethene		28	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1109	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1109	7/8/25	RTN	Trichlorotrifluoroethane		0.7	ug/L	
W-1109	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1109	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1109	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1109	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	1,1-Dichloroethene		4.6	ug/L	
W-1109	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1109	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1109	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1109	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	Tetrachloroethene		7.2	ug/L	
W-1109	10/8/25	RTN	Trichloroethene		29	ug/L	
W-1109	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1109	10/8/25	RTN	Trichlorotrifluoroethane		0.75	ug/L	
W-1109	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1109	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1109	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-111	5/14/25	RTN	Tritium		< 100	pCi/L	
W-1110	8/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	1,1-Dichloroethene		0.88	ug/L	
W-1110	8/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	Bromoform		< 0.5	ug/L	
W-1110	8/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1110	8/27/25	RTN	Chloroform		4.2	ug/L	
W-1110	8/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1110	8/27/25	RTN	Trichloroethene		6.2	ug/L	
W-1110	8/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1110	8/27/25	RTN	Trichlorotrifluoroethane		7.4	ug/L	
W-1110	8/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1110	8/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1110	8/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1111	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1111	1/6/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1111	1/6/25	RTN	Chloroform		4.6	ug/L	
W-1111	1/6/25	RTN	Chromium		0.0087	mg/L	
W-1111	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	Tetrachloroethene		0.99	ug/L	
W-1111	1/6/25	RTN	Trichloroethene		3.8	ug/L	
W-1111	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1111	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1111	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1111	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1111	4/2/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1111	4/2/25	RTN	Chloroform		4.5	ug/L	
W-1111	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	Tetrachloroethene		0.91	ug/L	
W-1111	4/2/25	RTN	Trichloroethene		3.6	ug/L	
W-1111	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1111	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1111	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1111	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1111	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1111	7/8/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1111	7/8/25	RTN	Chloroform		4	ug/L	
W-1111	7/8/25	RTN	Chromium		0.0099	mg/L	
W-1111	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	Tetrachloroethene		0.97	ug/L	
W-1111	7/8/25	RTN	Trichloroethene		3.4	ug/L	
W-1111	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1111	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1111	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	10/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1111	10/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1111	10/6/25	RTN	Carbon tetrachloride		2	ug/L	
W-1111	10/6/25	RTN	Chloroform		3.9	ug/L	
W-1111	10/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	Tetrachloroethene		1	ug/L	
W-1111	10/6/25	RTN	Trichloroethene		3.6	ug/L	
W-1111	10/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1111	10/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1111	10/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1111	10/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1112	10/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1112	10/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1112	10/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1112	10/29/25	RTN	Chloroform		< 0.5	ug/L	
W-1112	10/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1112	10/29/25	RTN	Trichloroethene		1.1	ug/L	
W-1112	10/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1112	10/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1112	10/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1112	10/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1113	12/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1113	12/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1113	12/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1113	12/2/25	RTN	Chloroform		< 0.5	ug/L	
W-1113	12/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1113	12/2/25	RTN	Trichloroethene		1.8	ug/L	
W-1113	12/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1113	12/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1113	12/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1113	12/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1115	3/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1115	3/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	Bromoform		< 0.5	ug/L	
W-1115	3/11/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1115	3/11/25	RTN	Chloroform		< 0.5	ug/L	
W-1115	3/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1115	3/11/25	RTN	Trichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1115	3/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1115	3/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1115	3/11/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1115	3/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1116	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1116	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1116	1/6/25	RTN	Chloroform		0.5	ug/L	
W-1116	1/6/25	RTN	Chromium		0.021	mg/L	
W-1116	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	Tetrachloroethene		2.4	ug/L	
W-1116	1/6/25	RTN	Trichloroethene		4.4	ug/L	
W-1116	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1116	1/6/25	RTN	Trichlorotrifluoroethane		1.7	ug/L	
W-1116	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1116	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1116	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1116	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1116	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-1116	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	Tetrachloroethene		2	ug/L	
W-1116	4/2/25	RTN	Trichloroethene		4	ug/L	
W-1116	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1116	4/2/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1116	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1116	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1116	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1116	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1116	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1116	7/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1116	7/9/25	RTN	Chromium		0.047	mg/L	
W-1116	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	Tetrachloroethene		2.3	ug/L	
W-1116	7/9/25	RTN	Trichloroethene		4	ug/L	
W-1116	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1116	7/9/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-1116	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1116	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1116	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1116	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1116	10/8/25	RTN	Chloroform		0.58	ug/L	
W-1116	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	Tetrachloroethene		2.2	ug/L	
W-1116	10/8/25	RTN	Trichloroethene		4.5	ug/L	
W-1116	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1116	10/8/25	RTN	Trichlorotrifluoroethane		1.6	ug/L	
W-1116	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-1116	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1116	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	2/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1117	2/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1117	2/25/25	RTN	1,1-Dichloroethane		0.55	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1117	2/25/25	RTN	1,1-Dichloroethene		23	ug/L	
W-1117	2/25/25	RTN	1,2-Dichloroethane		2.9	ug/L	
W-1117	2/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1117	2/25/25	RTN	Bromoform		< 0.5	ug/L	
W-1117	2/25/25	RTN	Carbon tetrachloride		1.4	ug/L	
W-1117	2/25/25	RTN	Chloroform		15	ug/L	
W-1117	2/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1117	2/25/25	RTN	Tetrachloroethene		38	ug/L	
W-1117	2/25/25	RTN	Trichloroethene		210	ug/L	D
W-1117	2/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1117	2/25/25	RTN	Trichlorotrifluoroethane		9.1	ug/L	
W-1117	2/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1117	2/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	2/25/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	2/25/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1117	2/25/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1117	2/25/25	DUP	1,1-Dichloroethane		0.53	ug/L	
W-1117	2/25/25	DUP	1,1-Dichloroethene		20	ug/L	
W-1117	2/25/25	DUP	1,2-Dichloroethane		2.7	ug/L	
W-1117	2/25/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1117	2/25/25	DUP	Bromoform		< 0.5	ug/L	
W-1117	2/25/25	DUP	Carbon tetrachloride		1.3	ug/L	
W-1117	2/25/25	DUP	Chloroform		14	ug/L	
W-1117	2/25/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1117	2/25/25	DUP	Tetrachloroethene		35	ug/L	
W-1117	2/25/25	DUP	Trichloroethene		230	ug/L	D
W-1117	2/25/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1117	2/25/25	DUP	Trichlorotrifluoroethane		8.2	ug/L	
W-1117	2/25/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1117	2/25/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	2/25/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	5/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1117	5/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1117	5/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1117	5/5/25	RTN	1,1-Dichloroethene		7.8	ug/L	
W-1117	5/5/25	RTN	1,2-Dichloroethane		1.4	ug/L	
W-1117	5/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1117	5/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1117	5/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1117	5/5/25	RTN	Chloroform		7.5	ug/L	
W-1117	5/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1117	5/5/25	RTN	Tetrachloroethene		13	ug/L	
W-1117	5/5/25	RTN	Trichloroethene		110	ug/L	D
W-1117	5/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1117	5/5/25	RTN	Trichlorotrifluoroethane		2.4	ug/L	
W-1117	5/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1117	5/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	5/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	5/5/25	RTN	Tritium		< 100	pCi/L	
W-1117	5/5/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1117	5/5/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1117	5/5/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1117	5/5/25	DUP	1,1-Dichloroethene		9.3	ug/L	
W-1117	5/5/25	DUP	1,2-Dichloroethane		1.5	ug/L	
W-1117	5/5/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1117	5/5/25	DUP	Bromoform		< 0.5	ug/L	
W-1117	5/5/25	DUP	Carbon tetrachloride		0.56	ug/L	
W-1117	5/5/25	DUP	Chloroform		8.1	ug/L	
W-1117	5/5/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1117	5/5/25	DUP	Tetrachloroethene		15	ug/L	
W-1117	5/5/25	DUP	Trichloroethene		120	ug/L	D
W-1117	5/5/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1117	5/5/25	DUP	Trichlorotrifluoroethane		3.1	ug/L	
W-1117	5/5/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1117	5/5/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	5/5/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	5/5/25	DUP	Tritium		< 100	pCi/L	
W-1117	12/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	1,1-Dichloroethene		13	ug/L	
W-1117	12/3/25	RTN	1,2-Dichloroethane		1.6	ug/L	
W-1117	12/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1117	12/3/25	RTN	Carbon tetrachloride		0.75	ug/L	
W-1117	12/3/25	RTN	Chloroform		9	ug/L	
W-1117	12/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	Tetrachloroethene		22	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1117	12/3/25	RTN	Trichloroethene		84	ug/L	D
W-1117	12/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1117	12/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1117	12/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1117	12/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1118	4/29/25	RTN	Tritium		< 100	pCi/L	
W-1118	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	1,1-Dichloroethene		10	ug/L	
W-1118	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1118	12/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1118	12/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1118	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	Tetrachloroethene		3.5	ug/L	
W-1118	12/8/25	RTN	Trichloroethene		9.2	ug/L	
W-1118	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1118	12/8/25	RTN	Trichlorotrifluoroethane		5.6	ug/L	
W-1118	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1118	12/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1118	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-112	10/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-112	10/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-112	10/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-112	10/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-112	10/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-112	10/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-112	10/13/25	RTN	Bromoform		< 0.5	ug/L	
W-112	10/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-112	10/13/25	RTN	Chloroform		< 0.5	ug/L	
W-112	10/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-112	10/13/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-112	10/13/25	RTN	Trichloroethene		1.5	ug/L	
W-112	10/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-112	10/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-112	10/13/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-112	10/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-112	10/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-115	12/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-115	12/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-115	12/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-115	12/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-115	12/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-115	12/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-115	12/9/25	RTN	Bromoform		< 0.5	ug/L	
W-115	12/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-115	12/9/25	RTN	Chloroform		2.6	ug/L	
W-115	12/9/25	RTN	Chromium		0.014	mg/L	
W-115	12/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-115	12/9/25	RTN	Hexavalent Chromium		0.012	mg/L	
W-115	12/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-115	12/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-115	12/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-115	12/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-115	12/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-115	12/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-115	12/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-116	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-116	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-116	1/13/25	RTN	1,1-Dichloroethane		1.5	ug/L	
W-116	1/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-116	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-116	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-116	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-116	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-116	1/13/25	RTN	Chloroform		1.4	ug/L	
W-116	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-116	1/13/25	RTN	Tetrachloroethene		260	ug/L	D
W-116	1/13/25	RTN	Trichloroethene		14	ug/L	
W-116	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-116	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-116	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-116	1/13/25	RTN	cis-1,2-Dichloroethene		1.3	ug/L	
W-116	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-116	1/13/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-116	1/13/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-116	1/13/25	DUP	1,1-Dichloroethane		1.3	ug/L	
W-116	1/13/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-116	1/13/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-116	1/13/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-116	1/13/25	DUP	Bromoform	<	0.5	ug/L	
W-116	1/13/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-116	1/13/25	DUP	Chloroform		1.2	ug/L	
W-116	1/13/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-116	1/13/25	DUP	Tetrachloroethene		200	ug/L	D
W-116	1/13/25	DUP	Trichloroethene		12	ug/L	
W-116	1/13/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-116	1/13/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-116	1/13/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-116	1/13/25	DUP	cis-1,2-Dichloroethene		1.1	ug/L	
W-116	1/13/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-116	7/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-116	7/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-116	7/9/25	RTN	1,1-Dichloroethane		1.1	ug/L	
W-116	7/9/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-116	7/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-116	7/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-116	7/9/25	RTN	Bromoform	<	0.5	ug/L	
W-116	7/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-116	7/9/25	RTN	Chloroform		0.98	ug/L	
W-116	7/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-116	7/9/25	RTN	Tetrachloroethene		200	ug/L	D
W-116	7/9/25	RTN	Trichloroethene		10	ug/L	
W-116	7/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-116	7/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-116	7/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-116	7/9/25	RTN	cis-1,2-Dichloroethene		1.2	ug/L	
W-116	7/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-116	7/9/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-116	7/9/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-116	7/9/25	DUP	1,1-Dichloroethane		1.2	ug/L	
W-116	7/9/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-116	7/9/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-116	7/9/25	DUP	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-116	7/9/25	DUP	Bromoform		< 0.5	ug/L	
W-116	7/9/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-116	7/9/25	DUP	Chloroform		1	ug/L	
W-116	7/9/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-116	7/9/25	DUP	Tetrachloroethene		200	ug/L	D
W-116	7/9/25	DUP	Trichloroethene		11	ug/L	
W-116	7/9/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-116	7/9/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-116	7/9/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-116	7/9/25	DUP	cis-1,2-Dichloroethene		1.3	ug/L	
W-116	7/9/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-116	10/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-116	10/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-116	10/27/25	RTN	1,1-Dichloroethane		0.82	ug/L	
W-116	10/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-116	10/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-116	10/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-116	10/27/25	RTN	Bromoform		< 0.5	ug/L	
W-116	10/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-116	10/27/25	RTN	Chloroform		0.84	ug/L	
W-116	10/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-116	10/27/25	RTN	Tetrachloroethene		170	ug/L	D
W-116	10/27/25	RTN	Trichloroethene		9.7	ug/L	
W-116	10/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-116	10/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-116	10/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-116	10/27/25	RTN	cis-1,2-Dichloroethene		0.89	ug/L	
W-116	10/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-117	12/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-117	12/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-117	12/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-117	12/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-117	12/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-117	12/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-117	12/3/25	RTN	Bromoform		< 0.5	ug/L	
W-117	12/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-117	12/3/25	RTN	Chloroform		< 0.5	ug/L	
W-117	12/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-117	12/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-117	12/3/25	RTN	Trichloroethene		< 0.5	ug/L	
W-117	12/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-117	12/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-117	12/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-117	12/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-117	12/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-118	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-118	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-118	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-118	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-118	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-118	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-118	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-118	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-118	1/16/25	RTN	Chloroform		0.76	ug/L	
W-118	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-118	1/16/25	RTN	Tetrachloroethene		4.4	ug/L	
W-118	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-118	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-118	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-118	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-118	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-118	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-119	2/10/25	RTN	Lead		< 0.05	mg/L	
W-119	2/10/25	RTN	Tritium		< 100	pCi/L	
W-119	9/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-119	9/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-119	9/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-119	9/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-119	9/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-119	9/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-119	9/15/25	RTN	Bromoform		< 0.5	ug/L	
W-119	9/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-119	9/15/25	RTN	Chloroform		1.5	ug/L	
W-119	9/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-119	9/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-119	9/15/25	RTN	Trichloroethene		1	ug/L	
W-119	9/15/25	RTN	Trichlorofluoromethane		1.6	ug/L	
W-119	9/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-119	9/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-119	9/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-119	9/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-120	4/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-120	4/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-120	4/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-120	4/16/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-120	4/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-120	4/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-120	4/16/25	RTN	Bromoform	<	0.5	ug/L	
W-120	4/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-120	4/16/25	RTN	Chloroform	<	0.5	ug/L	
W-120	4/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-120	4/16/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-120	4/16/25	RTN	Trichloroethene	<	0.5	ug/L	
W-120	4/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-120	4/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-120	4/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-120	4/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-120	4/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1201	2/24/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	1,1-Dichloroethene		2.4	ug/L	
W-1201	2/24/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	Bromoform	<	0.5	ug/L	
W-1201	2/24/25	DUP	Carbon tetrachloride		0.7	ug/L	
W-1201	2/24/25	DUP	Chloroform		1.5	ug/L	
W-1201	2/24/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	Tetrachloroethene		19	ug/L	
W-1201	2/24/25	DUP	Trichloroethene		170	ug/L	D
W-1201	2/24/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1201	2/24/25	DUP	Trichlorotrifluoroethane		11	ug/L	
W-1201	2/24/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1201	2/24/25	DUP	cis-1,2-Dichloroethene		0.64	ug/L	
W-1201	2/24/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1201	2/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1201	2/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1201	2/24/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1201	2/24/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-1201	2/24/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1201	2/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1201	2/24/25	RTN	Bromoform	<	0.5	ug/L	
W-1201	2/24/25	RTN	Carbon tetrachloride		0.98	ug/L	
W-1201	2/24/25	RTN	Chloroform		1.9	ug/L	
W-1201	2/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1201	2/24/25	RTN	Tetrachloroethene		15	ug/L	
W-1201	2/24/25	RTN	Trichloroethene		160	ug/L	D
W-1201	2/24/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1201	2/24/25	RTN	Trichlorotrifluoroethane		8.1	ug/L	
W-1201	2/24/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1201	2/24/25	RTN	cis-1,2-Dichloroethene		0.72	ug/L	
W-1201	2/24/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1201	7/10/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	1,1-Dichloroethene		2	ug/L	
W-1201	7/10/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	Bromoform	<	0.5	ug/L	
W-1201	7/10/25	DUP	Carbon tetrachloride		0.73	ug/L	
W-1201	7/10/25	DUP	Chloroform		1.7	ug/L	
W-1201	7/10/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	Tetrachloroethene		11	ug/L	
W-1201	7/10/25	DUP	Trichloroethene		130	ug/L	D
W-1201	7/10/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1201	7/10/25	DUP	Trichlorotrifluoroethane		6.1	ug/L	
W-1201	7/10/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1201	7/10/25	DUP	cis-1,2-Dichloroethene		0.64	ug/L	
W-1201	7/10/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1201	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	H
W-1201	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	H
W-1201	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	H
W-1201	7/10/25	RTN	1,1-Dichloroethene		2	ug/L	H
W-1201	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	H
W-1201	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	H
W-1201	7/10/25	RTN	Bromoform	<	0.5	ug/L	H

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1201	7/10/25	RTN	Carbon tetrachloride		1	ug/L	H
W-1201	7/10/25	RTN	Chloroform		1.9	ug/L	H
W-1201	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
W-1201	7/10/25	RTN	Tetrachloroethene		12	ug/L	H
W-1201	7/10/25	RTN	Trichloroethene		150	ug/L	DH
W-1201	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-1201	7/10/25	RTN	Trichlorotrifluoroethane		5.9	ug/L	H
W-1201	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-1201	7/10/25	RTN	cis-1,2-Dichloroethene		0.69	ug/L	H
W-1201	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-1201	10/1/25	RTN	Tritium		< 100	pCi/L	
W-1202	2/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-1202	2/25/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	Bromoform		< 0.5	ug/L	
W-1202	2/25/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1202	2/25/25	RTN	Chloroform		0.51	ug/L	
W-1202	2/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	Tetrachloroethene		6	ug/L	
W-1202	2/25/25	RTN	Trichloroethene		45	ug/L	
W-1202	2/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1202	2/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1202	2/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1202	2/25/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1202	4/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1202	4/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	Bromoform		< 0.5	ug/L	
W-1202	4/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1202	4/29/25	RTN	Chloroform		< 0.5	ug/L	
W-1202	4/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	Tetrachloroethene		5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1202	4/29/25	RTN	Trichloroethene		42	ug/L	
W-1202	4/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1202	4/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1202	4/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1202	4/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1202	4/29/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	1,1-Dichloroethene		1.3	ug/L	
W-1202	4/29/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	Bromoform		< 0.5	ug/L	
W-1202	4/29/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1202	4/29/25	DUP	Chloroform		< 0.5	ug/L	
W-1202	4/29/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	Tetrachloroethene		5.1	ug/L	
W-1202	4/29/25	DUP	Trichloroethene		43	ug/L	
W-1202	4/29/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1202	4/29/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1202	4/29/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1202	4/29/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	4/29/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	1,1-Dichloroethene		1.6	ug/L	
W-1203	4/29/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	Bromoform		< 0.5	ug/L	
W-1203	4/29/25	DUP	Carbon tetrachloride		0.66	ug/L	
W-1203	4/29/25	DUP	Chloroform		0.88	ug/L	
W-1203	4/29/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	Tetrachloroethene		0.92	ug/L	
W-1203	4/29/25	DUP	Trichloroethene		78	ug/L	
W-1203	4/29/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1203	4/29/25	DUP	Trichlorotrifluoroethane		2.9	ug/L	
W-1203	4/29/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1203	4/29/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1203	4/29/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	4/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-1203	4/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	Bromoform		< 0.5	ug/L	
W-1203	4/29/25	RTN	Carbon tetrachloride		0.89	ug/L	
W-1203	4/29/25	RTN	Chloroform		0.97	ug/L	
W-1203	4/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	Tetrachloroethene		0.81	ug/L	
W-1203	4/29/25	RTN	Trichloroethene		74	ug/L	
W-1203	4/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1203	4/29/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-1203	4/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1203	4/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	4/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-1203	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1203	12/8/25	RTN	Carbon tetrachloride		0.86	ug/L	
W-1203	12/8/25	RTN	Chloroform		0.99	ug/L	
W-1203	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	Tetrachloroethene		0.94	ug/L	
W-1203	12/8/25	RTN	Trichloroethene		75	ug/L	
W-1203	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1203	12/8/25	RTN	Trichlorotrifluoroethane		2.3	ug/L	
W-1203	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1203	12/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	12/8/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	1,1-Dichloroethene		1.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1203	12/8/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	Bromoform		< 0.5	ug/L	
W-1203	12/8/25	DUP	Carbon tetrachloride		0.85	ug/L	
W-1203	12/8/25	DUP	Chloroform		1	ug/L	
W-1203	12/8/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	Tetrachloroethene		0.76	ug/L	
W-1203	12/8/25	DUP	Trichloroethene		57	ug/L	D
W-1203	12/8/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1203	12/8/25	DUP	Trichlorotrifluoroethane		2.7	ug/L	
W-1203	12/8/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1203	12/8/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1203	12/8/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1204	7/30/25	RTN	Tritium		< 100	pCi/L	
W-1204	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-1204	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1204	12/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1204	12/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1204	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	Tetrachloroethene		2	ug/L	
W-1204	12/8/25	RTN	Trichloroethene		6.5	ug/L	
W-1204	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1204	12/8/25	RTN	Trichlorotrifluoroethane		0.5	ug/L	
W-1204	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1204	12/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1204	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1205	10/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1205	10/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1205	10/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1205	10/1/25	RTN	Chloroform		0.84	ug/L	
W-1205	10/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1205	10/1/25	RTN	Trichloroethene		2.6	ug/L	
W-1205	10/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	E
W-1205	10/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1205	10/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1205	10/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1205	10/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1206	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-1206	1/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1206	1/15/25	RTN	Chloroform		1.8	ug/L	
W-1206	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1206	1/15/25	RTN	Trichloroethene		9.7	ug/L	
W-1206	1/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1206	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1206	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1206	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1206	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1206	4/7/25	RTN	Chloroform		1.8	ug/L	
W-1206	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1206	4/7/25	RTN	Trichloroethene		9.3	ug/L	
W-1206	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1206	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1206	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1206	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1206	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1206	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1206	7/10/25	RTN	Chloroform		1.8	ug/L	
W-1206	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1206	7/10/25	RTN	Trichloroethene		9	ug/L	
W-1206	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1206	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1206	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1206	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1206	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1206	10/7/25	RTN	Chloroform		1.8	ug/L	
W-1206	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1206	10/7/25	RTN	Trichloroethene		9.7	ug/L	
W-1206	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1206	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1206	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1206	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1207	1/28/25	DUP	Lead		< 0.05	mg/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1207	1/28/25	DUP	Tritium		< 100	pCi/L	
W-1207	1/28/25	RTN	Lead		< 0.05	mg/L	
W-1207	1/28/25	RTN	Tritium		< 100	pCi/L	
W-1208	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1208	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-1208	1/15/25	RTN	Carbon tetrachloride		0.77	ug/L	
W-1208	1/15/25	RTN	Chloroform		2.3	ug/L	
W-1208	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1208	1/15/25	RTN	Trichloroethene		17	ug/L	
W-1208	1/15/25	RTN	Trichlorofluoromethane		6.5	ug/L	
W-1208	1/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1208	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1208	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1208	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1208	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1208	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1208	4/7/25	RTN	Carbon tetrachloride		0.75	ug/L	
W-1208	4/7/25	RTN	Chloroform		2.2	ug/L	
W-1208	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1208	4/7/25	RTN	Trichloroethene		15	ug/L	
W-1208	4/7/25	RTN	Trichlorofluoromethane		5.8	ug/L	
W-1208	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1208	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1208	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1208	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1208	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1208	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1208	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1208	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1208	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1208	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1208	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1208	7/10/25	RTN	Carbon tetrachloride		0.71	ug/L	
W-1208	7/10/25	RTN	Chloroform		2.2	ug/L	
W-1208	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1208	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1208	7/10/25	RTN	Trichloroethene		15	ug/L	
W-1208	7/10/25	RTN	Trichlorofluoromethane		5.3	ug/L	
W-1208	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1208	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1208	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1208	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1209	3/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1209	3/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	Bromoform		< 0.5	ug/L	
W-1209	3/12/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1209	3/12/25	RTN	Chloroform		1.3	ug/L	
W-1209	3/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1209	3/12/25	RTN	Trichloroethene		4.2	ug/L	
W-1209	3/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1209	3/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1209	3/12/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1209	3/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-121	1/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-121	1/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-121	1/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-121	1/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-121	1/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-121	1/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-121	1/30/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-121	1/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-121	1/30/25	RTN	Chloroform		< 0.5	ug/L	
W-121	1/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-121	1/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-121	1/30/25	RTN	Trichloroethene		< 0.5	ug/L	
W-121	1/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-121	1/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-121	1/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-121	1/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-121	1/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-121	1/30/25	RTN	Tritium		< 100	pCi/L	
W-121	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-121	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-121	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-121	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-121	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-121	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-121	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-121	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-121	4/8/25	RTN	Chloroform		< 0.5	ug/L	
W-121	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-121	4/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-121	4/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-121	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-121	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-121	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-121	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-121	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-121	7/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-121	7/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-121	7/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-121	7/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-121	7/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-121	7/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-121	7/1/25	RTN	Bromoform		< 0.5	ug/L	
W-121	7/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-121	7/1/25	RTN	Chloroform		< 0.5	ug/L	
W-121	7/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-121	7/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-121	7/1/25	RTN	Trichloroethene		< 0.5	ug/L	
W-121	7/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-121	7/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-121	7/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-121	7/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-121	7/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1210	3/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1210	3/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1210	3/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1210	3/6/25	RTN	Chloroform		< 0.5	ug/L	
W-1210	3/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1210	3/6/25	RTN	Trichloroethene		3.6	ug/L	
W-1210	3/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1210	3/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1210	3/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1210	3/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1211	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1211	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1211	1/7/25	RTN	Chloroform		1.5	ug/L	
W-1211	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1211	1/7/25	RTN	Trichloroethene		4.5	ug/L	
W-1211	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1211	1/7/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-1211	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1211	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1211	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	1/7/25	RTN	Tritium		< 100	pCi/L	
W-1211	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1211	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1211	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1211	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-1211	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1211	4/2/25	RTN	Trichloroethene		0.86	ug/L	
W-1211	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1211	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1211	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	4/2/25	RTN	Tritium		< 100	pCi/L	
W-1211	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1211	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1211	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1211	7/7/25	RTN	Chloroform		1.3	ug/L	
W-1211	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1211	7/7/25	RTN	Trichloroethene		3.9	ug/L	
W-1211	7/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1211	7/7/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-1211	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1211	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	7/7/25	RTN	Tritium		< 100	pCi/L	
W-1211	12/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1211	12/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1211	12/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1211	12/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1211	12/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1211	12/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1211	12/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1211	12/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1211	12/3/25	RTN	Chloroform		1.5	ug/L	
W-1211	12/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1211	12/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1211	12/3/25	RTN	Trichloroethene		4.7	ug/L	
W-1211	12/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1211	12/3/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-1211	12/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1211	12/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	12/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1211	12/3/25	RTN	Tritium		< 100	pCi/L	
W-1212	1/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1212	1/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1212	1/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1212	1/23/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-1212	1/23/25	RTN	1,2-Dichloroethane		0.52	ug/L	
W-1212	1/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1212	1/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1212	1/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1212	1/23/25	RTN	Chloroform		1	ug/L	
W-1212	1/23/25	RTN	Chromium		0.0044	mg/L	
W-1212	1/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1212	1/23/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1212	1/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1212	1/23/25	RTN	Trichloroethene		56	ug/L	
W-1212	1/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1212	1/23/25	RTN	Trichlorotrifluoroethane		1.8	ug/L	
W-1212	1/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1212	1/23/25	RTN	cis-1,2-Dichloroethene		0.53	ug/L	
W-1212	1/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1212	4/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1212	4/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1212	4/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1212	4/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1212	4/23/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1212	4/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1212	4/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1212	4/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1212	4/23/25	RTN	Chloroform		1.2	ug/L	
W-1212	4/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1212	4/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1212	4/23/25	RTN	Trichloroethene		87	ug/L	D
W-1212	4/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1212	4/23/25	RTN	Trichlorotrifluoroethane		2.1	ug/L	
W-1212	4/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1212	4/23/25	RTN	cis-1,2-Dichloroethene		0.77	ug/L	
W-1212	4/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1212	4/23/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1212	4/23/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1212	4/23/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1212	4/23/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-1212	4/23/25	DUP	1,2-Dichloroethane		1.1	ug/L	
W-1212	4/23/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1212	4/23/25	DUP	Bromoform		< 0.5	ug/L	
W-1212	4/23/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1212	4/23/25	DUP	Chloroform		1.2	ug/L	
W-1212	4/23/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1212	4/23/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-1212	4/23/25	DUP	Trichloroethene		80	ug/L	D
W-1212	4/23/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1212	4/23/25	DUP	Trichlorotrifluoroethane		2	ug/L	
W-1212	4/23/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1212	4/23/25	DUP	cis-1,2-Dichloroethene		0.77	ug/L	
W-1212	4/23/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1212	7/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1212	7/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1212	7/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1212	7/24/25	RTN	1,1-Dichloroethene		2.3	ug/L	
W-1212	7/24/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1212	7/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1212	7/24/25	RTN	Bromoform		< 0.5	ug/L	
W-1212	7/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1212	7/24/25	RTN	Chloroform		1.4	ug/L	
W-1212	7/24/25	RTN	Chromium		0.014	mg/L	
W-1212	7/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1212	7/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1212	7/24/25	RTN	Trichloroethene		70	ug/L	
W-1212	7/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1212	7/24/25	RTN	Trichlorotrifluoroethane		1.7	ug/L	
W-1212	7/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1212	7/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1212	7/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1212	10/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1212	10/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1212	10/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1212	10/22/25	RTN	1,1-Dichloroethene		3.2	ug/L	
W-1212	10/22/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1212	10/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1212	10/22/25	RTN	Bromoform		< 0.5	ug/L	O
W-1212	10/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1212	10/22/25	RTN	Chloroform		1.7	ug/L	
W-1212	10/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1212	10/22/25	RTN	Tetrachloroethene		< 0.5	ug/L	O
W-1212	10/22/25	RTN	Trichloroethene		91	ug/L	D
W-1212	10/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1212	10/22/25	RTN	Trichlorotrifluoroethane		3.2	ug/L	
W-1212	10/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1212	10/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1212	10/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1213	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1213	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1213	1/14/25	RTN	1,1-Dichloroethene		0.83	ug/L	
W-1213	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1213	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1213	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1213	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1213	1/14/25	RTN	Chloroform		5	ug/L	
W-1213	1/14/25	RTN	Chromium		0.018	mg/L	
W-1213	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1213	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1213	1/14/25	RTN	Trichloroethene		8.1	ug/L	
W-1213	1/14/25	RTN	Trichlorofluoromethane		0.59	ug/L	
W-1213	1/14/25	RTN	Trichlorotrifluoroethane		6.2	ug/L	
W-1213	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1213	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	1,1-Dichloroethene		0.9	ug/L	
W-1213	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1213	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1213	4/2/25	RTN	Chloroform		4.4	ug/L	
W-1213	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1213	4/2/25	RTN	Trichloroethene		7	ug/L	
W-1213	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1213	4/2/25	RTN	Trichlorotrifluoroethane		5.1	ug/L	
W-1213	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1213	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	1,1-Dichloroethene		0.9	ug/L	
W-1213	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1213	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1213	7/9/25	RTN	Chloroform		3.7	ug/L	
W-1213	7/9/25	RTN	Chromium		0.021	mg/L	
W-1213	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1213	7/9/25	RTN	Trichloroethene		7	ug/L	
W-1213	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1213	7/9/25	RTN	Trichlorotrifluoroethane		5	ug/L	
W-1213	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1213	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-1213	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1213	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1213	10/7/25	RTN	Chloroform		3.9	ug/L	
W-1213	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1213	10/7/25	RTN	Trichloroethene		7.8	ug/L	
W-1213	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1213	10/7/25	RTN	Trichlorotrifluoroethane		5.6	ug/L	
W-1213	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1213	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1213	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1214	3/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1214	3/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	Bromoform		< 0.5	ug/L	
W-1214	3/11/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1214	3/11/25	RTN	Chloroform		< 0.5	ug/L	
W-1214	3/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	Tetrachloroethene		37	ug/L	
W-1214	3/11/25	RTN	Trichloroethene		1.4	ug/L	
W-1214	3/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1214	3/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1214	3/11/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1214	3/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1214	3/11/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1214	3/11/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1214	3/11/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1214	3/11/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-1214	3/11/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1214	3/11/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1214	3/11/25	DUP	Bromoform	<	0.5	ug/L	
W-1214	3/11/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1214	3/11/25	DUP	Chloroform	<	0.5	ug/L	
W-1214	3/11/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1214	3/11/25	DUP	Tetrachloroethene		49	ug/L	
W-1214	3/11/25	DUP	Trichloroethene		1.5	ug/L	
W-1214	3/11/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1214	3/11/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1214	3/11/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1214	3/11/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1214	3/11/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1214	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1214	4/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1214	4/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1214	4/8/25	RTN	Chloroform	<	0.5	ug/L	
W-1214	4/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	Tetrachloroethene		33	ug/L	
W-1214	4/8/25	RTN	Trichloroethene		1.3	ug/L	
W-1214	4/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1214	4/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1214	4/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1214	4/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1214	11/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1214	11/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1214	11/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1214	11/20/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1214	11/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1214	11/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1214	11/20/25	RTN	Bromoform	<	0.5	ug/L	
W-1214	11/20/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1214	11/20/25	RTN	Chloroform		< 0.5	ug/L	
W-1214	11/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1214	11/20/25	RTN	Tetrachloroethene		71	ug/L	
W-1214	11/20/25	RTN	Trichloroethene		2.2	ug/L	
W-1214	11/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1214	11/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1214	11/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1214	11/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1214	11/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1215	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-1215	1/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1215	1/15/25	RTN	Chloroform		3.6	ug/L	
W-1215	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1215	1/15/25	RTN	Trichloroethene		2	ug/L	
W-1215	1/15/25	RTN	Trichlorofluoromethane		4.4	ug/L	
W-1215	1/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1215	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1215	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	4/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1215	4/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1215	4/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1215	4/1/25	RTN	Chloroform		3	ug/L	
W-1215	4/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1215	4/1/25	RTN	Trichloroethene		1.8	ug/L	
W-1215	4/1/25	RTN	Trichlorofluoromethane		3.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1215	4/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1215	4/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1215	4/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	4/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	8/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1215	8/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1215	8/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1215	8/6/25	RTN	Chloroform		< 0.5	ug/L	
W-1215	8/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1215	8/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1215	8/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1215	8/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1215	8/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	8/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1215	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1215	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1215	10/7/25	RTN	Chloroform		1.8	ug/L	
W-1215	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1215	10/7/25	RTN	Trichloroethene		1	ug/L	
W-1215	10/7/25	RTN	Trichlorofluoromethane		2.1	ug/L	
W-1215	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1215	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1215	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1215	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1216	3/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1216	3/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1216	3/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1216	3/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1216	3/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1216	3/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1216	3/27/25	RTN	Bromoform		< 0.5	ug/L	
W-1216	3/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1216	3/27/25	RTN	Chloroform		1	ug/L	
W-1216	3/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1216	3/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1216	3/27/25	RTN	Trichloroethene		0.9	ug/L	
W-1216	3/27/25	RTN	Trichlorofluoromethane		1.3	ug/L	
W-1216	3/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1216	3/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1216	3/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1216	3/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1216	6/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1216	6/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	Bromoform		< 0.5	ug/L	
W-1216	6/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1216	6/4/25	RTN	Chloroform		0.84	ug/L	
W-1216	6/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1216	6/4/25	RTN	Trichloroethene		0.98	ug/L	
W-1216	6/4/25	RTN	Trichlorofluoromethane		1.9	ug/L	
W-1216	6/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1216	6/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1216	6/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1216	6/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1216	9/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1216	9/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1216	9/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1216	9/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	L
W-1216	9/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1216	9/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1216	9/16/25	RTN	Bromoform	<	0.5	ug/L	
W-1216	9/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1216	9/16/25	RTN	Chloroform		0.78	ug/L	
W-1216	9/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1216	9/16/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1216	9/16/25	RTN	Trichloroethene		1.1	ug/L	
W-1216	9/16/25	RTN	Trichlorofluoromethane		1.9	ug/L	
W-1216	9/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1216	9/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1216	9/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1216	9/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1216	11/5/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1216	11/5/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	Bromoform	<	0.5	ug/L	
W-1216	11/5/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1216	11/5/25	RTN	Chloroform		1.1	ug/L	
W-1216	11/5/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1216	11/5/25	RTN	Trichloroethene		1.6	ug/L	
W-1216	11/5/25	RTN	Trichlorofluoromethane		3.1	ug/L	
W-1216	11/5/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1216	11/5/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1216	11/5/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1216	11/5/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1217	4/8/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1217	4/8/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1217	4/8/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1217	4/8/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	E
W-1217	4/8/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1217	4/8/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1217	4/8/25	DUP	Bromoform	<	0.5	ug/L	
W-1217	4/8/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1217	4/8/25	DUP	Chloroform	<	0.5	ug/L	E
W-1217	4/8/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1217	4/8/25	DUP	Tetrachloroethene		91	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1217	4/8/25	DUP	Trichloroethene		1.3	ug/L	
W-1217	4/8/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1217	4/8/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1217	4/8/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1217	4/8/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1217	4/8/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1217	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1217	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1217	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1217	4/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1217	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	Tetrachloroethene		84	ug/L	
W-1217	4/8/25	RTN	Trichloroethene		1.4	ug/L	
W-1217	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1217	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1217	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1217	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1217	11/19/25	RTN	Chromium		0.004	mg/L	
W-1217	11/19/25	RTN	Hexavalent Chromium		0.0055	mg/L	
W-1219	4/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	1,1-Dichloroethene		2	ug/L	
W-1219	4/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	Bromoform		< 0.5	ug/L	
W-1219	4/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1219	4/29/25	RTN	Chloroform		0.56	ug/L	
W-1219	4/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1219	4/29/25	RTN	Trichloroethene		10	ug/L	
W-1219	4/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1219	4/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1219	4/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1219	4/29/25	RTN	cis-1,2-Dichloroethene		3.1	ug/L	
W-1219	4/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1219	4/29/25	RTN	Tritium		< 100	pCi/L	
W-1222	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	1,1-Dichloroethene		12	ug/L	
W-1222	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-1222	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1222	1/13/25	RTN	Chloroform		1.1	ug/L	
W-1222	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	Tetrachloroethene		14	ug/L	
W-1222	1/13/25	RTN	Trichloroethene		71	ug/L	
W-1222	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1222	1/13/25	RTN	Trichlorotrifluoroethane		4.8	ug/L	
W-1222	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1222	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	1/13/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	1,1-Dichloroethene		14	ug/L	
W-1222	1/13/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	Bromoform		< 0.5	ug/L	
W-1222	1/13/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1222	1/13/25	DUP	Chloroform		1.1	ug/L	
W-1222	1/13/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	Tetrachloroethene		15	ug/L	
W-1222	1/13/25	DUP	Trichloroethene		75	ug/L	
W-1222	1/13/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1222	1/13/25	DUP	Trichlorotrifluoroethane		5.3	ug/L	
W-1222	1/13/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1222	1/13/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	1/13/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	4/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1222	4/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1222	4/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1222	4/1/25	RTN	1,1-Dichloroethene		15	ug/L	
W-1222	4/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1222	4/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1222	4/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1222	4/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1222	4/1/25	RTN	Chloroform		1.1	ug/L	
W-1222	4/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1222	4/1/25	RTN	Tetrachloroethene		14	ug/L	
W-1222	4/1/25	RTN	Trichloroethene		69	ug/L	
W-1222	4/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1222	4/1/25	RTN	Trichlorotrifluoroethane		5	ug/L	
W-1222	4/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1222	4/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	4/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	1,1-Dichloroethene		12	ug/L	
W-1222	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1222	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1222	7/8/25	RTN	Chloroform		1	ug/L	
W-1222	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	Tetrachloroethene		14	ug/L	
W-1222	7/8/25	RTN	Trichloroethene		64	ug/L	
W-1222	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1222	7/8/25	RTN	Trichlorotrifluoroethane		4.7	ug/L	
W-1222	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1222	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	7/8/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1222	7/8/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1222	7/8/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1222	7/8/25	DUP	1,1-Dichloroethene		11	ug/L	
W-1222	7/8/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1222	7/8/25	DUP	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1222	7/8/25	DUP	Bromoform		< 0.5	ug/L	
W-1222	7/8/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1222	7/8/25	DUP	Chloroform		1	ug/L	
W-1222	7/8/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1222	7/8/25	DUP	Tetrachloroethene		13	ug/L	
W-1222	7/8/25	DUP	Trichloroethene		61	ug/L	
W-1222	7/8/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1222	7/8/25	DUP	Trichlorotrifluoroethane		4.3	ug/L	
W-1222	7/8/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1222	7/8/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	7/8/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	10/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	1,1-Dichloroethene		14	ug/L	
W-1222	10/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	Bromoform		< 0.5	ug/L	
W-1222	10/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1222	10/13/25	RTN	Chloroform		1.1	ug/L	
W-1222	10/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	Tetrachloroethene		14	ug/L	
W-1222	10/13/25	RTN	Trichloroethene		78	ug/L	
W-1222	10/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1222	10/13/25	RTN	Trichlorotrifluoroethane		4	ug/L	
W-1222	10/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1222	10/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	10/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1222	10/13/25	RTN	Tritium		111	pCi/L	
W-1223	5/1/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1223	5/1/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1223	5/1/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1223	5/1/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-1223	5/1/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1223	5/1/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1223	5/1/25	DUP	Bromoform		< 0.5	ug/L	
W-1223	5/1/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1223	5/1/25	DUP	Chloroform		< 0.5	ug/L	
W-1223	5/1/25	DUP	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1223	5/1/25	DUP	Tetrachloroethene	<	0.5	ug/L	
W-1223	5/1/25	DUP	Trichloroethene		3.7	ug/L	
W-1223	5/1/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1223	5/1/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1223	5/1/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1223	5/1/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	5/1/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	5/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1223	5/1/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	Bromoform	<	0.5	ug/L	
W-1223	5/1/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1223	5/1/25	RTN	Chloroform		0.87	ug/L	
W-1223	5/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	Tetrachloroethene		0.98	ug/L	
W-1223	5/1/25	RTN	Trichloroethene		32	ug/L	
W-1223	5/1/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1223	5/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1223	5/1/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	5/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	9/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	1,1-Dichloroethene		0.64	ug/L	
W-1223	9/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	Bromoform	<	0.5	ug/L	
W-1223	9/15/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-1223	9/15/25	RTN	Chloroform		1	ug/L	
W-1223	9/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	Tetrachloroethene		2.6	ug/L	
W-1223	9/15/25	RTN	Trichloroethene		38	ug/L	
W-1223	9/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1223	9/15/25	RTN	Vinyl chloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1223	9/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	9/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	12/9/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	1,1-Dichloroethene		0.71	ug/L	
W-1223	12/9/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	Bromoform	<	0.5	ug/L	
W-1223	12/9/25	DUP	Carbon tetrachloride		1	ug/L	
W-1223	12/9/25	DUP	Chloroform		0.95	ug/L	
W-1223	12/9/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	Tetrachloroethene		2.2	ug/L	
W-1223	12/9/25	DUP	Trichloroethene		35	ug/L	
W-1223	12/9/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1223	12/9/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1223	12/9/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	12/9/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	12/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	1,1-Dichloroethene		0.69	ug/L	
W-1223	12/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	Bromoform	<	0.5	ug/L	
W-1223	12/9/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-1223	12/9/25	RTN	Chloroform		1	ug/L	
W-1223	12/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	Tetrachloroethene		2.5	ug/L	
W-1223	12/9/25	RTN	Trichloroethene		39	ug/L	
W-1223	12/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1223	12/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1223	12/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1223	12/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1224	10/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1224	10/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1224	10/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1224	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1224	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1224	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1224	10/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1224	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1224	10/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1224	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1224	10/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1224	10/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1224	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1224	10/21/25	RTN	Trichlorotrifluoroethane		0.61	ug/L	
W-1224	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1224	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1224	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1225	3/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1225	3/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1225	3/12/25	RTN	1,1-Dichloroethane		0.52	ug/L	
W-1225	3/12/25	RTN	1,1-Dichloroethene		37	ug/L	
W-1225	3/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1225	3/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1225	3/12/25	RTN	Bromoform		< 0.5	ug/L	
W-1225	3/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1225	3/12/25	RTN	Chloroform		1	ug/L	
W-1225	3/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1225	3/12/25	RTN	Tetrachloroethene		54	ug/L	
W-1225	3/12/25	RTN	Trichloroethene		500	ug/L	D
W-1225	3/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1225	3/12/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-1225	3/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1225	3/12/25	RTN	cis-1,2-Dichloroethene		0.58	ug/L	
W-1225	3/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1225	3/12/25	RTN	Tritium		< 100	pCi/L	
W-1225	4/29/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1225	4/29/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1225	4/29/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1225	4/29/25	DUP	1,1-Dichloroethene		21	ug/L	
W-1225	4/29/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1225	4/29/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1225	4/29/25	DUP	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1225	4/29/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1225	4/29/25	DUP	Chloroform		0.62	ug/L	
W-1225	4/29/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1225	4/29/25	DUP	Tetrachloroethene		36	ug/L	
W-1225	4/29/25	DUP	Trichloroethene		260	ug/L	D
W-1225	4/29/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1225	4/29/25	DUP	Trichlorotrifluoroethane		2	ug/L	
W-1225	4/29/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1225	4/29/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	4/29/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	4/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	1,1-Dichloroethene		21	ug/L	
W-1225	4/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	Bromoform	<	0.5	ug/L	
W-1225	4/29/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1225	4/29/25	RTN	Chloroform		0.66	ug/L	
W-1225	4/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	Tetrachloroethene		31	ug/L	
W-1225	4/29/25	RTN	Trichloroethene		270	ug/L	D
W-1225	4/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1225	4/29/25	RTN	Trichlorotrifluoroethane		1.8	ug/L	
W-1225	4/29/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1225	4/29/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	4/29/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	7/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	1,1-Dichloroethene		26	ug/L	
W-1225	7/30/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	Bromoform	<	0.5	ug/L	
W-1225	7/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1225	7/30/25	RTN	Chloroform		0.81	ug/L	
W-1225	7/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	Tetrachloroethene		46	ug/L	
W-1225	7/30/25	RTN	Trichloroethene		400	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1225	7/30/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1225	7/30/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-1225	7/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1225	7/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	7/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	12/9/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	1,1-Dichloroethene		27	ug/L	
W-1225	12/9/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	Bromoform	<	0.5	ug/L	
W-1225	12/9/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1225	12/9/25	DUP	Chloroform		0.75	ug/L	
W-1225	12/9/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	Tetrachloroethene		43	ug/L	
W-1225	12/9/25	DUP	Trichloroethene		300	ug/L	D
W-1225	12/9/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1225	12/9/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1225	12/9/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	12/9/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	12/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	1,1-Dichloroethene		26	ug/L	
W-1225	12/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	Bromoform	<	0.5	ug/L	
W-1225	12/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1225	12/9/25	RTN	Chloroform		0.75	ug/L	
W-1225	12/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	Tetrachloroethene		40	ug/L	
W-1225	12/9/25	RTN	Trichloroethene		300	ug/L	D
W-1225	12/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1225	12/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1225	12/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1225	12/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1226	8/19/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-1226	8/19/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	Bromoform	<	0.5	ug/L	
W-1226	8/19/25	RTN	Carbon tetrachloride		0.7	ug/L	
W-1226	8/19/25	RTN	Chloroform		4.4	ug/L	
W-1226	8/19/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	Tetrachloroethene	<	0.5	ug/L	L
W-1226	8/19/25	RTN	Trichloroethene		4.5	ug/L	
W-1226	8/19/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1226	8/19/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-1226	8/19/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1226	8/19/25	RTN	cis-1,2-Dichloroethene		2	ug/L	
W-1226	8/19/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1226	10/16/25	RTN	Chromium		0.0097	mg/L	
W-1226	10/16/25	RTN	Hexavalent Chromium		0.0075	mg/L	
W-123	1/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-123	1/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-123	1/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-123	1/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-123	1/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-123	1/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-123	1/21/25	RTN	Bromoform	<	0.5	ug/L	
W-123	1/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-123	1/21/25	RTN	Chloroform		0.96	ug/L	
W-123	1/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-123	1/21/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-123	1/21/25	RTN	Trichloroethene	<	0.5	ug/L	
W-123	1/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-123	1/21/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-123	1/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-123	1/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-123	1/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1250	1/7/25	DUP	1,1,1-Trichloroethane	<	5	ug/L	DH
W-1250	1/7/25	DUP	1,1,2-Trichloroethane	<	5	ug/L	DH
W-1250	1/7/25	DUP	1,1-Dichloroethane	<	5	ug/L	DH

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1250	1/7/25	DUP	1,1-Dichloroethene	<	5	ug/L	DEH
W-1250	1/7/25	DUP	1,2-Dichloroethane	<	5	ug/L	DH
W-1250	1/7/25	DUP	Bromodichloromethane	<	5	ug/L	DH
W-1250	1/7/25	DUP	Bromoform	<	5	ug/L	DH
W-1250	1/7/25	DUP	Carbon tetrachloride		50	ug/L	DH
W-1250	1/7/25	DUP	Chloroform		26	ug/L	DH
W-1250	1/7/25	DUP	Dibromochloromethane	<	5	ug/L	DH
W-1250	1/7/25	DUP	Tetrachloroethene	<	5	ug/L	DEH
W-1250	1/7/25	DUP	Trichloroethene		2900	ug/L	DH
W-1250	1/7/25	DUP	Trichlorofluoromethane	<	5	ug/L	DH
W-1250	1/7/25	DUP	Trichlorotrifluoroethane		12	ug/L	DH
W-1250	1/7/25	DUP	Vinyl chloride	<	5	ug/L	DH
W-1250	1/7/25	DUP	cis-1,2-Dichloroethene	<	5	ug/L	DH
W-1250	1/7/25	DUP	trans-1,2-Dichloroethene	<	5	ug/L	DH
W-1250	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	1,1-Dichloroethene		2.1	ug/L	
W-1250	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1250	1/7/25	RTN	Carbon tetrachloride		60	ug/L	
W-1250	1/7/25	RTN	Chloroform		29	ug/L	
W-1250	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	Tetrachloroethene		2.1	ug/L	
W-1250	1/7/25	RTN	Trichloroethene		2800	ug/L	D
W-1250	1/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1250	1/7/25	RTN	Trichlorotrifluoroethane		10	ug/L	
W-1250	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1250	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1250	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1250	7/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1250	7/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1250	7/1/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1250	7/1/25	RTN	1,1-Dichloroethene		2.1	ug/L	
W-1250	7/1/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1250	7/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1250	7/1/25	RTN	Bromoform	<	0.5	ug/L	
W-1250	7/1/25	RTN	Carbon tetrachloride		53	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1250	7/1/25	RTN	Chloroform		25	ug/L	
W-1250	7/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1250	7/1/25	RTN	Tetrachloroethene		2	ug/L	
W-1250	7/1/25	RTN	Trichloroethene		2400	ug/L	D
W-1250	7/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1250	7/1/25	RTN	Trichlorotrifluoroethane		9.8	ug/L	
W-1250	7/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1250	7/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1250	7/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1250	7/1/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	1,1-Dichloroethene		2.2	ug/L	
W-1250	7/1/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	Bromoform		< 0.5	ug/L	
W-1250	7/1/25	DUP	Carbon tetrachloride		57	ug/L	
W-1250	7/1/25	DUP	Chloroform		27	ug/L	
W-1250	7/1/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	Tetrachloroethene		2	ug/L	
W-1250	7/1/25	DUP	Trichloroethene		2440	ug/L	D
W-1250	7/1/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1250	7/1/25	DUP	Trichlorotrifluoroethane		13	ug/L	
W-1250	7/1/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1250	7/1/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1250	7/1/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1251	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1251	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1251	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1251	12/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1251	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1251	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1251	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1251	12/8/25	RTN	Carbon tetrachloride		1.6	ug/L	
W-1251	12/8/25	RTN	Chloroform		2.5	ug/L	
W-1251	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1251	12/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1251	12/8/25	RTN	Trichloroethene		78	ug/L	D
W-1251	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1251	12/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1251	12/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1251	12/8/25	RTN	cis-1,2-Dichloroethene		0.73	ug/L	
W-1251	12/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1252	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1252	1/7/25	RTN	Carbon tetrachloride		15	ug/L	
W-1252	1/7/25	RTN	Chloroform		5.3	ug/L	
W-1252	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1252	1/7/25	RTN	Trichloroethene		680	ug/L	D
W-1252	1/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1252	1/7/25	RTN	Trichlorotrifluoroethane		6.5	ug/L	
W-1252	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1252	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	1/7/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-1252	1/7/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	Bromoform	<	0.5	ug/L	
W-1252	1/7/25	DUP	Carbon tetrachloride		15	ug/L	
W-1252	1/7/25	DUP	Chloroform		5.2	ug/L	
W-1252	1/7/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	Tetrachloroethene	<	0.5	ug/L	
W-1252	1/7/25	DUP	Trichloroethene		650	ug/L	D
W-1252	1/7/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1252	1/7/25	DUP	Trichlorotrifluoroethane		6.2	ug/L	
W-1252	1/7/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1252	1/7/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	1/7/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	7/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1252	7/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1252	7/1/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1252	7/1/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1252	7/1/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1252	7/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1252	7/1/25	RTN	Bromoform	<	0.5	ug/L	
W-1252	7/1/25	RTN	Carbon tetrachloride		12	ug/L	
W-1252	7/1/25	RTN	Chloroform		4.5	ug/L	
W-1252	7/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1252	7/1/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1252	7/1/25	RTN	Trichloroethene		540	ug/L	D
W-1252	7/1/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1252	7/1/25	RTN	Trichlorotrifluoroethane		5.4	ug/L	
W-1252	7/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1252	7/1/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	7/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	7/1/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-1252	7/1/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	Bromoform	<	0.5	ug/L	
W-1252	7/1/25	DUP	Carbon tetrachloride		12	ug/L	
W-1252	7/1/25	DUP	Chloroform		4.4	ug/L	
W-1252	7/1/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	Tetrachloroethene	<	0.5	ug/L	
W-1252	7/1/25	DUP	Trichloroethene		530	ug/L	D
W-1252	7/1/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1252	7/1/25	DUP	Trichlorotrifluoroethane		5.5	ug/L	
W-1252	7/1/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1252	7/1/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1252	7/1/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1253	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1253	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1253	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1253	4/2/25	RTN	1,1-Dichloroethene		6.3	ug/L	
W-1253	4/2/25	RTN	1,2-Dichloroethane		0.55	ug/L	
W-1253	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1253	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-1253	4/2/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-1253	4/2/25	RTN	Chloroform		11	ug/L	
W-1253	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1253	4/2/25	RTN	Tetrachloroethene		9.4	ug/L	
W-1253	4/2/25	RTN	Trichloroethene		670	ug/L	D
W-1253	4/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1253	4/2/25	RTN	Trichlorotrifluoroethane		4.7	ug/L	
W-1253	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1253	4/2/25	RTN	cis-1,2-Dichloroethene		2.3	ug/L	
W-1253	4/2/25	RTN	trans-1,2-Dichloroethene		0.9	ug/L	
W-1253	4/2/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1253	4/2/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1253	4/2/25	DUP	1,1-Dichloroethane		0.5	ug/L	
W-1253	4/2/25	DUP	1,1-Dichloroethene		6.5	ug/L	
W-1253	4/2/25	DUP	1,2-Dichloroethane		0.54	ug/L	
W-1253	4/2/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1253	4/2/25	DUP	Bromoform	<	0.5	ug/L	
W-1253	4/2/25	DUP	Carbon tetrachloride		1.2	ug/L	
W-1253	4/2/25	DUP	Chloroform		11	ug/L	
W-1253	4/2/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1253	4/2/25	DUP	Tetrachloroethene		9.4	ug/L	
W-1253	4/2/25	DUP	Trichloroethene		680	ug/L	D
W-1253	4/2/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1253	4/2/25	DUP	Trichlorotrifluoroethane		4.7	ug/L	
W-1253	4/2/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1253	4/2/25	DUP	cis-1,2-Dichloroethene		2.3	ug/L	
W-1253	4/2/25	DUP	trans-1,2-Dichloroethene		0.92	ug/L	
W-1253	8/19/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1253	8/19/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1253	8/19/25	RTN	1,1-Dichloroethane		0.94	ug/L	
W-1253	8/19/25	RTN	1,1-Dichloroethene		9.4	ug/L	
W-1253	8/19/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1253	8/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1253	8/19/25	RTN	Bromoform	<	0.5	ug/L	
W-1253	8/19/25	RTN	Carbon tetrachloride		41	ug/L	
W-1253	8/19/25	RTN	Chloroform		23	ug/L	
W-1253	8/19/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1253	8/19/25	RTN	Tetrachloroethene		17	ug/L	LJ

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1253	8/19/25	RTN	Trichloroethene		1100	ug/L	D
W-1253	8/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1253	8/19/25	RTN	Trichlorotrifluoroethane		4.2	ug/L	
W-1253	8/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1253	8/19/25	RTN	cis-1,2-Dichloroethene		1.8	ug/L	
W-1253	8/19/25	RTN	trans-1,2-Dichloroethene		0.57	ug/L	
W-1253	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1253	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1253	10/14/25	RTN	1,1-Dichloroethane		0.8	ug/L	
W-1253	10/14/25	RTN	1,1-Dichloroethene		7.8	ug/L	
W-1253	10/14/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1253	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1253	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1253	10/14/25	RTN	Carbon tetrachloride		46	ug/L	
W-1253	10/14/25	RTN	Chloroform		20	ug/L	
W-1253	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1253	10/14/25	RTN	Tetrachloroethene		16	ug/L	
W-1253	10/14/25	RTN	Trichloroethene		1000	ug/L	D
W-1253	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1253	10/14/25	RTN	Trichlorotrifluoroethane		3.7	ug/L	
W-1253	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1253	10/14/25	RTN	cis-1,2-Dichloroethene		1.4	ug/L	
W-1253	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1253	10/14/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1253	10/14/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1253	10/14/25	DUP	1,1-Dichloroethane		0.97	ug/L	
W-1253	10/14/25	DUP	1,1-Dichloroethene		9.3	ug/L	
W-1253	10/14/25	DUP	1,2-Dichloroethane		1.3	ug/L	
W-1253	10/14/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1253	10/14/25	DUP	Bromoform		< 0.5	ug/L	
W-1253	10/14/25	DUP	Carbon tetrachloride		45	ug/L	
W-1253	10/14/25	DUP	Chloroform		23	ug/L	
W-1253	10/14/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1253	10/14/25	DUP	Tetrachloroethene		15	ug/L	
W-1253	10/14/25	DUP	Trichloroethene		1160	ug/L	D
W-1253	10/14/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1253	10/14/25	DUP	Trichlorotrifluoroethane		6.3	ug/L	
W-1253	10/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1253	10/14/25	DUP	cis-1,2-Dichloroethene		1.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1253	10/14/25	DUP	trans-1,2-Dichloroethene		0.52	ug/L	
W-1254	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1254	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1254	1/7/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1254	1/7/25	RTN	Chloroform		0.79	ug/L	
W-1254	1/7/25	RTN	Chromium		0.011	mg/L	
W-1254	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1254	1/7/25	RTN	Trichloroethene		58	ug/L	
W-1254	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1254	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1254	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1254	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1254	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1254	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1254	4/7/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-1254	4/7/25	RTN	Chloroform		0.68	ug/L	
W-1254	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1254	4/7/25	RTN	Trichloroethene		47	ug/L	
W-1254	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1254	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1254	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1254	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1254	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1254	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1254	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1254	7/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1254	7/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1254	7/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1254	7/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1254	7/7/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1254	7/7/25	RTN	Chloroform		0.68	ug/L	
W-1254	7/7/25	RTN	Chromium		0.0094	mg/L	
W-1254	7/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1254	7/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1254	7/7/25	RTN	Trichloroethene		47	ug/L	
W-1254	7/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1254	7/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1254	7/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1254	7/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1254	7/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1254	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1254	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1254	10/7/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1254	10/7/25	RTN	Chloroform		0.74	ug/L	
W-1254	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1254	10/7/25	RTN	Trichloroethene		50	ug/L	
W-1254	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1254	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1254	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1254	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1301	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1301	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1301	1/16/25	RTN	1,1-Dichloroethane		0.68	ug/L	
W-1301	1/16/25	RTN	1,1-Dichloroethene		20	ug/L	
W-1301	1/16/25	RTN	1,2-Dichloroethane		2.3	ug/L	
W-1301	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1301	1/16/25	RTN	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1301	1/16/25	RTN	Carbon tetrachloride		2.1	ug/L	
W-1301	1/16/25	RTN	Chloroform		1.7	ug/L	
W-1301	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1301	1/16/25	RTN	Tetrachloroethene		27	ug/L	
W-1301	1/16/25	RTN	Trichloroethene		110	ug/L	D
W-1301	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1301	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1301	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1301	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1301	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1301	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1301	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1301	4/8/25	RTN	1,1-Dichloroethane		0.81	ug/L	
W-1301	4/8/25	RTN	1,1-Dichloroethene		24	ug/L	
W-1301	4/8/25	RTN	1,2-Dichloroethane		2.2	ug/L	
W-1301	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1301	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1301	4/8/25	RTN	Carbon tetrachloride		3.8	ug/L	
W-1301	4/8/25	RTN	Chloroform		2.3	ug/L	
W-1301	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1301	4/8/25	RTN	Tetrachloroethene		19	ug/L	
W-1301	4/8/25	RTN	Trichloroethene		120	ug/L	D
W-1301	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1301	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1301	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1301	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1301	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1301	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1301	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1301	7/8/25	RTN	1,1-Dichloroethane		0.85	ug/L	
W-1301	7/8/25	RTN	1,1-Dichloroethene		23	ug/L	
W-1301	7/8/25	RTN	1,2-Dichloroethane		2.6	ug/L	
W-1301	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1301	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1301	7/8/25	RTN	Carbon tetrachloride		4.1	ug/L	
W-1301	7/8/25	RTN	Chloroform		2.5	ug/L	
W-1301	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1301	7/8/25	RTN	Tetrachloroethene		21	ug/L	
W-1301	7/8/25	RTN	Trichloroethene		130	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1301	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1301	7/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1301	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1301	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1301	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1301	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1301	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1301	10/7/25	RTN	1,1-Dichloroethane		0.9	ug/L	
W-1301	10/7/25	RTN	1,1-Dichloroethene		25	ug/L	
W-1301	10/7/25	RTN	1,2-Dichloroethane		2.5	ug/L	
W-1301	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1301	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1301	10/7/25	RTN	Carbon tetrachloride		4.5	ug/L	
W-1301	10/7/25	RTN	Chloroform		2.6	ug/L	
W-1301	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1301	10/7/25	RTN	Tetrachloroethene		19	ug/L	
W-1301	10/7/25	RTN	Trichloroethene		150	ug/L	D
W-1301	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1301	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1301	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1301	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1301	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	1,1-Dichloroethene		8.6	ug/L	
W-1302-2	3/12/25	RTN	1,2-Dichloroethane		0.86	ug/L	
W-1302-2	3/12/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	Bromoform	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	Carbon tetrachloride		0.69	ug/L	
W-1302-2	3/12/25	RTN	Chloroform		9.1	ug/L	
W-1302-2	3/12/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	Tetrachloroethene		15	ug/L	
W-1302-2	3/12/25	RTN	Trichloroethene		85	ug/L	D
W-1302-2	3/12/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	Trichlorotrifluoroethane		3	ug/L	
W-1302-2	3/12/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	3/12/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1302-2	5/6/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	1,1-Dichloroethane		0.69	ug/L	
W-1302-2	5/6/25	RTN	1,1-Dichloroethene		11	ug/L	
W-1302-2	5/6/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1302-2	5/6/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	Bromoform	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	Carbon tetrachloride		1	ug/L	
W-1302-2	5/6/25	RTN	Chloroform		12	ug/L	
W-1302-2	5/6/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	Tetrachloroethene		21	ug/L	
W-1302-2	5/6/25	RTN	Trichloroethene		95	ug/L	D
W-1302-2	5/6/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	Trichlorotrifluoroethane		4.6	ug/L	
W-1302-2	5/6/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	5/6/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	1,1-Dichloroethene		6.3	ug/L	
W-1302-2	8/27/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	Bromoform	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	Chloroform		3.8	ug/L	
W-1302-2	8/27/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	Tetrachloroethene		9.2	ug/L	
W-1302-2	8/27/25	RTN	Trichloroethene		68	ug/L	
W-1302-2	8/27/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	Trichlorotrifluoroethane		2.1	ug/L	
W-1302-2	8/27/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	8/27/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	1,1-Dichloroethene		9.6	ug/L	
W-1302-2	11/18/25	RTN	1,2-Dichloroethane		0.67	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1302-2	11/18/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	Bromoform	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	Carbon tetrachloride		0.62	ug/L	
W-1302-2	11/18/25	RTN	Chloroform		6.2	ug/L	
W-1302-2	11/18/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	Tetrachloroethene		13	ug/L	
W-1302-2	11/18/25	RTN	Trichloroethene		91	ug/L	
W-1302-2	11/18/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	Trichlorotrifluoroethane		3.4	ug/L	
W-1302-2	11/18/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1302-2	11/18/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1303	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1303	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1303	1/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1303	1/16/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-1303	1/16/25	RTN	1,2-Dichloroethane		0.63	ug/L	
W-1303	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1303	1/16/25	RTN	Bromoform	<	0.5	ug/L	
W-1303	1/16/25	RTN	Carbon tetrachloride		0.86	ug/L	
W-1303	1/16/25	RTN	Chloroform		1.9	ug/L	
W-1303	1/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1303	1/16/25	RTN	Tetrachloroethene		2.2	ug/L	
W-1303	1/16/25	RTN	Trichloroethene		75	ug/L	
W-1303	1/16/25	RTN	Trichlorofluoromethane		1.5	ug/L	
W-1303	1/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1303	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1303	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1303	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1303	2/12/25	RTN	Lead	<	0.05	mg/L	
W-1303	2/12/25	RTN	Tritium	<	100	pCi/L	
W-1303	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1303	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1303	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1303	4/8/25	RTN	1,1-Dichloroethene		1	ug/L	
W-1303	4/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1303	4/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1303	4/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1303	4/8/25	RTN	Carbon tetrachloride		0.71	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1303	4/8/25	RTN	Chloroform		1.4	ug/L	
W-1303	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1303	4/8/25	RTN	Tetrachloroethene		1.6	ug/L	
W-1303	4/8/25	RTN	Trichloroethene		52	ug/L	
W-1303	4/8/25	RTN	Trichlorofluoromethane		1.1	ug/L	
W-1303	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1303	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1303	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1303	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1303	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	1,1-Dichloroethene		0.89	ug/L	
W-1303	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1303	7/8/25	RTN	Carbon tetrachloride		0.69	ug/L	
W-1303	7/8/25	RTN	Chloroform		1.6	ug/L	
W-1303	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	Tetrachloroethene		1.9	ug/L	
W-1303	7/8/25	RTN	Trichloroethene		51	ug/L	
W-1303	7/8/25	RTN	Trichlorofluoromethane		1	ug/L	
W-1303	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1303	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1303	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1303	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1303	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1303	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1303	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1303	10/7/25	RTN	1,1-Dichloroethene		0.79	ug/L	
W-1303	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1303	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1303	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1303	10/7/25	RTN	Carbon tetrachloride		0.53	ug/L	
W-1303	10/7/25	RTN	Chloroform		1.2	ug/L	
W-1303	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1303	10/7/25	RTN	Tetrachloroethene		1.4	ug/L	
W-1303	10/7/25	RTN	Trichloroethene		38	ug/L	
W-1303	10/7/25	RTN	Trichlorofluoromethane		0.83	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1303	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1303	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1303	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1303	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1304	5/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1304	5/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1304	5/1/25	RTN	1,1-Dichloroethane		1.5	ug/L	
W-1304	5/1/25	RTN	1,1-Dichloroethene		41	ug/L	
W-1304	5/1/25	RTN	1,2-Dichloroethane		6.4	ug/L	
W-1304	5/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1304	5/1/25	RTN	Bromoform	<	0.5	ug/L	
W-1304	5/1/25	RTN	Carbon tetrachloride		2.5	ug/L	
W-1304	5/1/25	RTN	Chloroform		2.6	ug/L	
W-1304	5/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1304	5/1/25	RTN	Tetrachloroethene		15	ug/L	
W-1304	5/1/25	RTN	Trichloroethene		350	ug/L	D
W-1304	5/1/25	RTN	Trichlorofluoromethane		0.62	ug/L	
W-1304	5/1/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1304	5/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1304	5/1/25	RTN	cis-1,2-Dichloroethene		22	ug/L	
W-1304	5/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1304	5/1/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1304	5/1/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1304	5/1/25	DUP	1,1-Dichloroethane		1.4	ug/L	
W-1304	5/1/25	DUP	1,1-Dichloroethene		42	ug/L	
W-1304	5/1/25	DUP	1,2-Dichloroethane		6.9	ug/L	
W-1304	5/1/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1304	5/1/25	DUP	Bromoform	<	0.5	ug/L	
W-1304	5/1/25	DUP	Carbon tetrachloride		3.1	ug/L	
W-1304	5/1/25	DUP	Chloroform		2.7	ug/L	
W-1304	5/1/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1304	5/1/25	DUP	Tetrachloroethene		15	ug/L	
W-1304	5/1/25	DUP	Trichloroethene		340	ug/L	D
W-1304	5/1/25	DUP	Trichlorofluoromethane		0.73	ug/L	
W-1304	5/1/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1304	5/1/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1304	5/1/25	DUP	cis-1,2-Dichloroethene		22	ug/L	
W-1304	5/1/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1304	9/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1304	9/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1304	9/17/25	RTN	1,1-Dichloroethane		1.8	ug/L	
W-1304	9/17/25	RTN	1,1-Dichloroethene		56	ug/L	
W-1304	9/17/25	RTN	1,2-Dichloroethane		7.5	ug/L	
W-1304	9/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1304	9/17/25	RTN	Bromoform	<	0.5	ug/L	
W-1304	9/17/25	RTN	Carbon tetrachloride		3.6	ug/L	
W-1304	9/17/25	RTN	Chloroform		2.8	ug/L	
W-1304	9/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1304	9/17/25	RTN	Tetrachloroethene		18	ug/L	
W-1304	9/17/25	RTN	Trichloroethene		400	ug/L	D
W-1304	9/17/25	RTN	Trichlorofluoromethane		0.99	ug/L	
W-1304	9/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1304	9/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1304	9/17/25	RTN	cis-1,2-Dichloroethene		7.1	ug/L	
W-1304	9/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1304	10/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1304	10/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1304	10/20/25	RTN	1,1-Dichloroethane		1.5	ug/L	
W-1304	10/20/25	RTN	1,1-Dichloroethene		44	ug/L	
W-1304	10/20/25	RTN	1,2-Dichloroethane		7	ug/L	
W-1304	10/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1304	10/20/25	RTN	Bromoform	<	0.5	ug/L	
W-1304	10/20/25	RTN	Carbon tetrachloride		3.1	ug/L	
W-1304	10/20/25	RTN	Chloroform		2.6	ug/L	
W-1304	10/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1304	10/20/25	RTN	Tetrachloroethene		16	ug/L	
W-1304	10/20/25	RTN	Trichloroethene		420	ug/L	D
W-1304	10/20/25	RTN	Trichlorofluoromethane		0.71	ug/L	
W-1304	10/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1304	10/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1304	10/20/25	RTN	cis-1,2-Dichloroethene		3.9	ug/L	
W-1304	10/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1304	10/20/25	RTN	Tritium	<	100	pCi/L	
W-1304	10/20/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1304	10/20/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1304	10/20/25	DUP	1,1-Dichloroethane		1.5	ug/L	
W-1304	10/20/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-1304	10/20/25	DUP	1,2-Dichloroethane		7.4	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1304	10/20/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1304	10/20/25	DUP	Bromoform	<	0.5	ug/L	
W-1304	10/20/25	DUP	Carbon tetrachloride		3.5	ug/L	
W-1304	10/20/25	DUP	Chloroform		2.6	ug/L	
W-1304	10/20/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1304	10/20/25	DUP	Tetrachloroethene		18	ug/L	
W-1304	10/20/25	DUP	Trichloroethene		430	ug/L	D
W-1304	10/20/25	DUP	Trichlorofluoromethane		0.83	ug/L	
W-1304	10/20/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1304	10/20/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1304	10/20/25	DUP	cis-1,2-Dichloroethene		3.9	ug/L	
W-1304	10/20/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1306	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1306	1/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	Bromoform	<	0.5	ug/L	
W-1306	1/16/25	RTN	Carbon tetrachloride		2.4	ug/L	
W-1306	1/16/25	RTN	Chloroform		1.5	ug/L	
W-1306	1/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	Tetrachloroethene		3.2	ug/L	
W-1306	1/16/25	RTN	Trichloroethene		31	ug/L	
W-1306	1/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1306	1/16/25	RTN	Trichlorotrifluoroethane		0.53	ug/L	
W-1306	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1306	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1306	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1306	2/12/25	RTN	Lead	<	0.05	mg/L	
W-1306	2/12/25	RTN	Tritium	<	100	pCi/L	
W-1306	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1306	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1306	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1306	4/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1306	4/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1306	4/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1306	4/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1306	4/8/25	RTN	Carbon tetrachloride		2.1	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1306	4/8/25	RTN	Chloroform		1.4	ug/L	
W-1306	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1306	4/8/25	RTN	Tetrachloroethene		2.8	ug/L	
W-1306	4/8/25	RTN	Trichloroethene		28	ug/L	
W-1306	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1306	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1306	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1306	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1306	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1306	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1306	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1306	7/8/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1306	7/8/25	RTN	Chloroform		1.2	ug/L	
W-1306	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	Tetrachloroethene		2.7	ug/L	
W-1306	7/8/25	RTN	Trichloroethene		24	ug/L	
W-1306	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1306	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1306	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1306	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1306	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1306	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1306	10/7/25	RTN	Carbon tetrachloride		1.6	ug/L	
W-1306	10/7/25	RTN	Chloroform		1.4	ug/L	
W-1306	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	Tetrachloroethene		2.8	ug/L	
W-1306	10/7/25	RTN	Trichloroethene		28	ug/L	
W-1306	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1306	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1306	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1306	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1306	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1307	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1307	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1307	1/16/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-1307	1/16/25	RTN	Chloroform		0.5	ug/L	
W-1307	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	Tetrachloroethene		0.61	ug/L	
W-1307	1/16/25	RTN	Trichloroethene		18	ug/L	
W-1307	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1307	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1307	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1307	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1307	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1307	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1307	4/8/25	RTN	Carbon tetrachloride		1.4	ug/L	
W-1307	4/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1307	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	Tetrachloroethene		0.55	ug/L	
W-1307	4/8/25	RTN	Trichloroethene		16	ug/L	
W-1307	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1307	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1307	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1307	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1307	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1307	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1307	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1307	7/8/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-1307	7/8/25	RTN	Chloroform	<	0.5	ug/L	
W-1307	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	Tetrachloroethene		0.63	ug/L	
W-1307	7/8/25	RTN	Trichloroethene		16	ug/L	
W-1307	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1307	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1307	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1307	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1307	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1307	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1307	10/7/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1307	10/7/25	RTN	Chloroform		0.51	ug/L	
W-1307	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	Tetrachloroethene		0.65	ug/L	
W-1307	10/7/25	RTN	Trichloroethene		17	ug/L	
W-1307	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1307	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1307	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1307	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1308	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1308	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1308	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1308	1/7/25	RTN	1,1-Dichloroethene		4.9	ug/L	
W-1308	1/7/25	RTN	1,2-Dichloroethane		1.3	ug/L	
W-1308	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1308	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1308	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1308	1/7/25	RTN	Chloroform		1	ug/L	
W-1308	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1308	1/7/25	RTN	Tetrachloroethene		19	ug/L	
W-1308	1/7/25	RTN	Trichloroethene		48	ug/L	
W-1308	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1308	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1308	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1308	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	1/16/25	RTN	Lead		< 0.05	mg/L	
W-1308	1/16/25	RTN	Tritium		< 100	pCi/L	
W-1308	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	1,1-Dichloroethene		5.8	ug/L	
W-1308	4/7/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1308	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1308	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1308	4/7/25	RTN	Chloroform		0.98	ug/L	
W-1308	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	Tetrachloroethene		18	ug/L	
W-1308	4/7/25	RTN	Trichloroethene		44	ug/L	
W-1308	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1308	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1308	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	1,1-Dichloroethene		4.4	ug/L	
W-1308	7/10/25	RTN	1,2-Dichloroethane		0.86	ug/L	
W-1308	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1308	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1308	7/10/25	RTN	Chloroform		0.75	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1308	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	Tetrachloroethene		18	ug/L	
W-1308	7/10/25	RTN	Trichloroethene		33	ug/L	
W-1308	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1308	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1308	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	1,1-Dichloroethene		6	ug/L	
W-1308	10/8/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1308	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1308	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1308	10/8/25	RTN	Chloroform		1.6	ug/L	
W-1308	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	Tetrachloroethene		15	ug/L	
W-1308	10/8/25	RTN	Trichloroethene		54	ug/L	
W-1308	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1308	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1308	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1308	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	1/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1309	1/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1309	1/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1309	1/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1309	1/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1309	1/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1309	1/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1309	1/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1309	1/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1309	1/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	1/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	1/8/25	RTN	Tritium		< 100	pCi/L	
W-1309	5/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1309	5/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1309	5/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1309	5/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1309	5/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1309	5/8/25	RTN	Trichloroethene		0.65	ug/L	
W-1309	5/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1309	5/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1309	5/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	5/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	5/8/25	RTN	Tritium		< 100	pCi/L	
W-1309	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1309	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1309	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1309	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1309	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1309	7/10/25	RTN	Trichloroethene		1	ug/L	
W-1309	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1309	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1309	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1309	7/18/25	RTN	Tritium		< 100	pCi/L	
W-1309	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1309	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1309	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1309	10/7/25	RTN	Chloroform		< 0.5	ug/L	
W-1309	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1309	10/7/25	RTN	Trichloroethene		1.1	ug/L	
W-1309	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1309	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1309	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1309	10/7/25	RTN	Tritium		< 100	pCi/L	
W-1310	1/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1310	1/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1310	1/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1310	1/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1310	1/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1310	1/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1310	1/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1310	1/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1310	1/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1310	1/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1310	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1310	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1310	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1310	4/2/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1310	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1310	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1310	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-1310	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1310	4/2/25	RTN	Chloroform	<	0.5	ug/L	
W-1310	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1310	4/2/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1310	4/2/25	RTN	Trichloroethene		0.94	ug/L	
W-1310	4/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1310	4/2/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1310	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1310	4/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1310	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1310	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1310	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-1310	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1310	7/10/25	RTN	Chloroform	<	0.5	ug/L	
W-1310	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1310	7/10/25	RTN	Trichloroethene		0.69	ug/L	
W-1310	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1310	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1310	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1310	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1310	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1310	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1310	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1310	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1310	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1310	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1310	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1310	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1310	10/7/25	RTN	Chloroform		< 0.5	ug/L	
W-1310	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1310	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1310	10/7/25	RTN	Trichloroethene		1.7	ug/L	
W-1310	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1310	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1310	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1310	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1310	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1311	2/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1311	2/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1311	2/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1311	2/5/25	RTN	Chloroform		1.3	ug/L	
W-1311	2/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1311	2/5/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1311	2/5/25	RTN	Trichlorofluoromethane		3.5	ug/L	
W-1311	2/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1311	2/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1311	2/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1311	2/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1402	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1402	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1402	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1402	7/9/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-1402	7/9/25	RTN	1,2-Dichloroethane		0.62	ug/L	
W-1402	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1402	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1402	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1402	7/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1402	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1402	7/9/25	RTN	Tetrachloroethene		1.7	ug/L	
W-1402	7/9/25	RTN	Trichloroethene		9.5	ug/L	
W-1402	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1402	7/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1402	7/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1402	7/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1402	7/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1403	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1403	1/7/25	RTN	1,1-Dichloroethane		0.74	ug/L	
W-1403	1/7/25	RTN	1,1-Dichloroethene		21	ug/L	
W-1403	1/7/25	RTN	1,2-Dichloroethane		2.4	ug/L	
W-1403	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1403	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1403	1/7/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-1403	1/7/25	RTN	Chloroform		7.1	ug/L	
W-1403	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1403	1/7/25	RTN	Tetrachloroethene		54	ug/L	
W-1403	1/7/25	RTN	Trichloroethene		200	ug/L	D
W-1403	1/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1403	1/7/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-1403	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1403	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1403	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1403	4/7/25	RTN	1,1-Dichloroethane		0.73	ug/L	
W-1403	4/7/25	RTN	1,1-Dichloroethene		22	ug/L	
W-1403	4/7/25	RTN	1,2-Dichloroethane		2.1	ug/L	
W-1403	4/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1403	4/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1403	4/7/25	RTN	Carbon tetrachloride		1.1	ug/L	
W-1403	4/7/25	RTN	Chloroform		6.2	ug/L	
W-1403	4/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1403	4/7/25	RTN	Tetrachloroethene		47	ug/L	
W-1403	4/7/25	RTN	Trichloroethene		180	ug/L	D
W-1403	4/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1403	4/7/25	RTN	Trichlorotrifluoroethane		2.3	ug/L	
W-1403	4/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1403	4/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	4/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1403	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1403	7/10/25	RTN	1,1-Dichloroethane		0.69	ug/L	
W-1403	7/10/25	RTN	1,1-Dichloroethene		19	ug/L	
W-1403	7/10/25	RTN	1,2-Dichloroethane		2	ug/L	
W-1403	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1403	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-1403	7/10/25	RTN	Carbon tetrachloride		1	ug/L	
W-1403	7/10/25	RTN	Chloroform		5.6	ug/L	
W-1403	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1403	7/10/25	RTN	Tetrachloroethene		50	ug/L	
W-1403	7/10/25	RTN	Trichloroethene		160	ug/L	D
W-1403	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1403	7/10/25	RTN	Trichlorotrifluoroethane		2.3	ug/L	
W-1403	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1403	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	10/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1403	10/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1403	10/8/25	RTN	1,1-Dichloroethane		0.9	ug/L	
W-1403	10/8/25	RTN	1,1-Dichloroethene		26	ug/L	
W-1403	10/8/25	RTN	1,2-Dichloroethane		2.3	ug/L	
W-1403	10/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1403	10/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1403	10/8/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-1403	10/8/25	RTN	Chloroform		7.2	ug/L	
W-1403	10/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1403	10/8/25	RTN	Tetrachloroethene		47	ug/L	
W-1403	10/8/25	RTN	Trichloroethene		160	ug/L	D
W-1403	10/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1403	10/8/25	RTN	Trichlorotrifluoroethane		2.7	ug/L	
W-1403	10/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1403	10/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1403	10/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1404	3/5/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1404	3/5/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1404	3/5/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1404	3/5/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	E
W-1404	3/5/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1404	3/5/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1404	3/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1404	3/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1404	3/5/25	RTN	Chloroform		< 0.5	ug/L	
W-1404	3/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1404	3/5/25	RTN	Tetrachloroethene		4	ug/L	
W-1404	3/5/25	RTN	Trichloroethene		32	ug/L	
W-1404	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1404	3/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1404	3/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1404	3/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1404	3/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1405	2/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1405	2/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1405	2/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1405	2/5/25	RTN	Chloroform		1.9	ug/L	
W-1405	2/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	Tetrachloroethene		3.1	ug/L	
W-1405	2/5/25	RTN	Trichloroethene		66	ug/L	
W-1405	2/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1405	2/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1405	2/5/25	RTN	cis-1,2-Dichloroethene		2.2	ug/L	
W-1405	2/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1405	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1405	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1405	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1405	4/14/25	RTN	Chloroform		1.1	ug/L	
W-1405	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	Tetrachloroethene		2.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1405	4/14/25	RTN	Trichloroethene		40	ug/L	
W-1405	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1405	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1405	4/14/25	RTN	cis-1,2-Dichloroethene		3.4	ug/L	
W-1405	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1405	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1405	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	Bromoform		< 0.5	ug/L	O
W-1405	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1405	10/23/25	RTN	Chloroform		2.3	ug/L	
W-1405	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	Tetrachloroethene		5.8	ug/L	O
W-1405	10/23/25	RTN	Trichloroethene		50	ug/L	
W-1405	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1405	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1405	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1405	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1406	2/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1406	2/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1406	2/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1406	2/5/25	RTN	Chloroform		< 0.5	ug/L	
W-1406	2/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	Tetrachloroethene		0.53	ug/L	
W-1406	2/5/25	RTN	Trichloroethene		3.6	ug/L	
W-1406	2/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1406	2/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1406	2/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1406	2/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1407	9/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	1,1-Dichloroethene		0.72	ug/L	
W-1407	9/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	Bromoform		< 0.5	ug/L	
W-1407	9/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1407	9/24/25	RTN	Chloroform		0.88	ug/L	
W-1407	9/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	Tetrachloroethene		1.6	ug/L	
W-1407	9/24/25	RTN	Trichloroethene		12	ug/L	
W-1407	9/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1407	9/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1407	9/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1407	9/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1407	10/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	1,1-Dichloroethene		0.67	ug/L	
W-1407	10/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1407	10/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1407	10/2/25	RTN	Chloroform		0.81	ug/L	
W-1407	10/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	Tetrachloroethene		1.3	ug/L	
W-1407	10/2/25	RTN	Trichloroethene		11	ug/L	
W-1407	10/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1407	10/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1407	10/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1407	10/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1408	7/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1408	7/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1408	7/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1408	7/22/25	RTN	1,1-Dichloroethene		8.4	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1408	7/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1408	7/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1408	7/22/25	RTN	Bromoform	<	0.5	ug/L	
W-1408	7/22/25	RTN	Carbon tetrachloride		0.97	ug/L	
W-1408	7/22/25	RTN	Chloroform		2.3	ug/L	
W-1408	7/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1408	7/22/25	RTN	Tetrachloroethene		13	ug/L	
W-1408	7/22/25	RTN	Trichloroethene		55	ug/L	
W-1408	7/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1408	7/22/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1408	7/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1408	7/22/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1408	7/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1408	7/22/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	1,1-Dichloroethene		8.5	ug/L	
W-1408	7/22/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	Bromoform	<	0.5	ug/L	
W-1408	7/22/25	DUP	Carbon tetrachloride		1	ug/L	
W-1408	7/22/25	DUP	Chloroform		2.3	ug/L	
W-1408	7/22/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	Tetrachloroethene		13	ug/L	
W-1408	7/22/25	DUP	Trichloroethene		57	ug/L	
W-1408	7/22/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1408	7/22/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1408	7/22/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1408	7/22/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1409	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1409	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1409	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1409	1/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1409	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1409	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1409	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1409	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1409	1/7/25	RTN	Chloroform		0.78	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1409	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1409	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1409	1/7/25	RTN	Trichloroethene		9.5	ug/L	
W-1409	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1409	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1409	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1409	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1409	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1409	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1409	4/2/25	RTN	Chloroform		0.66	ug/L	
W-1409	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1409	4/2/25	RTN	Trichloroethene		8.8	ug/L	
W-1409	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1409	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1409	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1409	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1409	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1409	7/7/25	RTN	Chloroform		< 0.5	ug/L	
W-1409	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1409	7/7/25	RTN	Trichloroethene		3	ug/L	
W-1409	7/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1409	7/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1409	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1409	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	12/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1409	12/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1409	12/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1409	12/3/25	RTN	Chloroform		< 0.5	ug/L	
W-1409	12/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	Tetrachloroethene		0.54	ug/L	
W-1409	12/3/25	RTN	Trichloroethene		11	ug/L	
W-1409	12/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1409	12/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1409	12/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1409	12/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-141	4/9/25	RTN	Tritium		1030	pCi/L	
W-141	7/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-141	7/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-141	7/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-141	7/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-141	7/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-141	7/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-141	7/21/25	RTN	Bromoform		< 0.5	ug/L	
W-141	7/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-141	7/21/25	RTN	Chloroform		< 0.5	ug/L	
W-141	7/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-141	7/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-141	7/21/25	RTN	Trichloroethene		1.3	ug/L	
W-141	7/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-141	7/21/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-141	7/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-141	7/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-141	7/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1410	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1410	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1410	1/6/25	RTN	Carbon tetrachloride		0.79	ug/L	
W-1410	1/6/25	RTN	Chloroform		1.7	ug/L	
W-1410	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1410	1/6/25	RTN	Trichloroethene		7.9	ug/L	
W-1410	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1410	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1410	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	1/6/25	RTN	Tritium		< 100	pCi/L	
W-1410	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1410	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1410	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1410	4/8/25	RTN	Chloroform		0.61	ug/L	
W-1410	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1410	4/8/25	RTN	Trichloroethene		1.8	ug/L	
W-1410	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1410	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1410	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	4/8/25	RTN	Tritium		< 100	pCi/L	
W-1410	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1410	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1410	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1410	7/7/25	RTN	Chloroform		0.54	ug/L	
W-1410	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1410	7/7/25	RTN	Trichloroethene		1.5	ug/L	
W-1410	7/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1410	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1410	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	7/7/25	RTN	Tritium		< 100	pCi/L	
W-1410	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1410	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1410	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1410	10/14/25	RTN	Chloroform		0.59	ug/L	
W-1410	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1410	10/14/25	RTN	Trichloroethene		1.6	ug/L	
W-1410	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1410	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1410	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1410	10/14/25	RTN	Tritium		< 100	pCi/L	
W-1413	5/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1413	5/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1413	5/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1413	5/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1413	5/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1413	5/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1413	5/15/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1413	5/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1413	5/15/25	RTN	Chloroform		0.5	ug/L	
W-1413	5/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1413	5/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1413	5/15/25	RTN	Trichloroethene		8.3	ug/L	
W-1413	5/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1413	5/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1413	5/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1413	5/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1413	5/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1413	11/17/25	RTN	Chromium		0.009	mg/L	
W-1413	11/17/25	RTN	Hexavalent Chromium		0.0096	mg/L	
W-1414	3/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1414	3/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1414	3/13/25	RTN	1,1-Dichloroethane		0.8	ug/L	
W-1414	3/13/25	RTN	1,1-Dichloroethene		2.1	ug/L	
W-1414	3/13/25	RTN	1,2-Dichloroethane		41	ug/L	
W-1414	3/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1414	3/13/25	RTN	Bromoform	<	0.5	ug/L	
W-1414	3/13/25	RTN	Carbon tetrachloride		14	ug/L	
W-1414	3/13/25	RTN	Chloroform		4	ug/L	
W-1414	3/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1414	3/13/25	RTN	Tetrachloroethene		82	ug/L	
W-1414	3/13/25	RTN	Trichloroethene		1100	ug/L	D
W-1414	3/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1414	3/13/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1414	3/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1414	3/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1414	3/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1414	3/13/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1414	3/13/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1414	3/13/25	DUP	1,1-Dichloroethane		0.96	ug/L	
W-1414	3/13/25	DUP	1,1-Dichloroethene		2	ug/L	
W-1414	3/13/25	DUP	1,2-Dichloroethane		43	ug/L	
W-1414	3/13/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1414	3/13/25	DUP	Bromoform	<	0.5	ug/L	
W-1414	3/13/25	DUP	Carbon tetrachloride		14	ug/L	
W-1414	3/13/25	DUP	Chloroform		4.2	ug/L	
W-1414	3/13/25	DUP	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1414	3/13/25	DUP	Tetrachloroethene		95	ug/L	D
W-1414	3/13/25	DUP	Trichloroethene		1210	ug/L	D
W-1414	3/13/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1414	3/13/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1414	3/13/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1414	3/13/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1414	3/13/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1414	4/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1414	4/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1414	4/15/25	RTN	1,1-Dichloroethane		0.9	ug/L	
W-1414	4/15/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-1414	4/15/25	RTN	1,2-Dichloroethane		46	ug/L	
W-1414	4/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1414	4/15/25	RTN	Bromoform		< 0.5	ug/L	
W-1414	4/15/25	RTN	Carbon tetrachloride		13	ug/L	
W-1414	4/15/25	RTN	Chloroform		4.5	ug/L	
W-1414	4/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1414	4/15/25	RTN	Tetrachloroethene		84	ug/L	
W-1414	4/15/25	RTN	Trichloroethene		1000	ug/L	D
W-1414	4/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1414	4/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1414	4/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1414	4/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1414	4/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1414	4/15/25	RTN	Tritium		26700	pCi/L	
W-1414	10/28/25	RTN	Tritium		18900	pCi/L	
W-1414	10/28/25	DUP	Tritium		18000	pCi/L	
W-1414	10/28/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1414	10/28/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1414	10/28/25	DUP	1,1-Dichloroethane		0.51	ug/L	
W-1414	10/28/25	DUP	1,1-Dichloroethene		1.2	ug/L	
W-1414	10/28/25	DUP	1,2-Dichloroethane		31	ug/L	
W-1414	10/28/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1414	10/28/25	DUP	Bromoform		< 0.5	ug/L	
W-1414	10/28/25	DUP	Carbon tetrachloride		7.2	ug/L	
W-1414	10/28/25	DUP	Chloroform		2.6	ug/L	
W-1414	10/28/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1414	10/28/25	DUP	Tetrachloroethene		53	ug/L	
W-1414	10/28/25	DUP	Trichloroethene		660	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1414	10/28/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1414	10/28/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1414	10/28/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1414	10/28/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1414	10/28/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1414	10/28/25	RTN	1,1,1-Trichloroethane	<	5	ug/L	D
W-1414	10/28/25	RTN	1,1,2-Trichloroethane	<	5	ug/L	D
W-1414	10/28/25	RTN	1,1-Dichloroethane	<	5	ug/L	D
W-1414	10/28/25	RTN	1,1-Dichloroethene	<	5	ug/L	D
W-1414	10/28/25	RTN	1,2-Dichloroethane		32	ug/L	D
W-1414	10/28/25	RTN	Bromodichloromethane	<	5	ug/L	D
W-1414	10/28/25	RTN	Bromoform	<	5	ug/L	D
W-1414	10/28/25	RTN	Carbon tetrachloride		8	ug/L	D
W-1414	10/28/25	RTN	Chloroform	<	5	ug/L	D
W-1414	10/28/25	RTN	Dibromochloromethane	<	5	ug/L	D
W-1414	10/28/25	RTN	Tetrachloroethene		54	ug/L	D
W-1414	10/28/25	RTN	Trichloroethene		670	ug/L	D
W-1414	10/28/25	RTN	Trichlorofluoromethane	<	5	ug/L	D
W-1414	10/28/25	RTN	Trichlorotrifluoroethane	<	5	ug/L	D
W-1414	10/28/25	RTN	Vinyl chloride	<	5	ug/L	D
W-1414	10/28/25	RTN	cis-1,2-Dichloroethene	<	5	ug/L	D
W-1414	10/28/25	RTN	trans-1,2-Dichloroethene	<	5	ug/L	D
W-1415	1/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1415	1/8/25	RTN	1,2-Dichloroethane		1	ug/L	
W-1415	1/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1415	1/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1415	1/8/25	RTN	Chloroform		3.6	ug/L	
W-1415	1/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	Tetrachloroethene		0.82	ug/L	
W-1415	1/8/25	RTN	Trichloroethene		6.5	ug/L	
W-1415	1/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1415	1/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1415	1/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1415	1/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1415	1/8/25	RTN	Tritium		506	pCi/L	
W-1415	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1415	4/7/25	RTN	1,2-Dichloroethane		0.95	ug/L	
W-1415	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1415	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1415	4/7/25	RTN	Chloroform		3.2	ug/L	
W-1415	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	Tetrachloroethene		0.73	ug/L	
W-1415	4/7/25	RTN	Trichloroethene		5.6	ug/L	
W-1415	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1415	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1415	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1415	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1415	4/7/25	RTN	Tritium		484	pCi/L	
W-1415	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1415	7/8/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1415	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1415	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1415	7/8/25	RTN	Chloroform		3.1	ug/L	
W-1415	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	Tetrachloroethene		0.68	ug/L	
W-1415	7/8/25	RTN	Trichloroethene		4.8	ug/L	
W-1415	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1415	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1415	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1415	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1415	7/8/25	RTN	Tritium		520	pCi/L	
W-1415	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1415	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1415	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1415	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1415	10/7/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1415	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1415	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1415	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1415	10/7/25	RTN	Chloroform		3.1	ug/L	
W-1415	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1415	10/7/25	RTN	Tetrachloroethene		0.68	ug/L	
W-1415	10/7/25	RTN	Trichloroethene		5.2	ug/L	
W-1415	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1415	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1415	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1415	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1415	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1415	10/7/25	RTN	Tritium		591	pCi/L	
W-1417	9/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	1,1-Dichloroethene		0.6	ug/L	
W-1417	9/24/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	Bromoform	<	0.5	ug/L	
W-1417	9/24/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1417	9/24/25	RTN	Chloroform		5.4	ug/L	
W-1417	9/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1417	9/24/25	RTN	Trichloroethene		6.3	ug/L	
W-1417	9/24/25	RTN	Trichlorofluoromethane		3.4	ug/L	
W-1417	9/24/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1417	9/24/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1417	9/24/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1417	9/24/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1417	12/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1417	12/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1417	12/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1417	12/9/25	RTN	1,1-Dichloroethene		0.59	ug/L	
W-1417	12/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1417	12/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1417	12/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1417	12/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1417	12/9/25	RTN	Chloroform		4.2	ug/L	
W-1417	12/9/25	RTN	Chromium		0.02	mg/L	
W-1417	12/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1417	12/9/25	RTN	Hexavalent Chromium		0.019	mg/L	
W-1417	12/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1417	12/9/25	RTN	Trichloroethene		6.6	ug/L	
W-1417	12/9/25	RTN	Trichlorofluoromethane		2.7	ug/L	
W-1417	12/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1417	12/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1417	12/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1417	12/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1418	4/30/25	RTN	Tritium		< 100	pCi/L	
W-1418	9/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	1,1-Dichloroethene		2.5	ug/L	
W-1418	9/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1418	9/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1418	9/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1418	9/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	Tetrachloroethene		2.6	ug/L	
W-1418	9/8/25	RTN	Trichloroethene		20	ug/L	
W-1418	9/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1418	9/8/25	RTN	Trichlorotrifluoroethane		0.86	ug/L	
W-1418	9/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1418	9/8/25	RTN	cis-1,2-Dichloroethene		4.3	ug/L	
W-1418	9/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1420	7/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1420	7/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1420	7/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1420	7/21/25	RTN	Chloroform		0.56	ug/L	
W-1420	7/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	Tetrachloroethene		0.89	ug/L	
W-1420	7/21/25	RTN	Trichloroethene		4.2	ug/L	
W-1420	7/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1420	7/21/25	RTN	Trichlorotrifluoroethane		0.74	ug/L	
W-1420	7/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1420	7/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1420	7/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1421	5/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	1,1-Dichloroethene		2	ug/L	
W-1421	5/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1421	5/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1421	5/14/25	RTN	Chloroform		3.2	ug/L	
W-1421	5/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	Tetrachloroethene		1.4	ug/L	
W-1421	5/14/25	RTN	Trichloroethene		26	ug/L	
W-1421	5/14/25	RTN	Trichlorofluoromethane		2.5	ug/L	
W-1421	5/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1421	5/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1421	5/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1421	5/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1421	5/14/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	1,1-Dichloroethene		2.4	ug/L	
W-1421	5/14/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	Bromoform		< 0.5	ug/L	
W-1421	5/14/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1421	5/14/25	DUP	Chloroform		3.7	ug/L	
W-1421	5/14/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	Tetrachloroethene		1.6	ug/L	
W-1421	5/14/25	DUP	Trichloroethene		30	ug/L	
W-1421	5/14/25	DUP	Trichlorofluoromethane		2.9	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1421	5/14/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1421	5/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1421	5/14/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1421	5/14/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1422	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	1,1-Dichloroethene		14	ug/L	
W-1422	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1422	12/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1422	12/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1422	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	Tetrachloroethene		12	ug/L	
W-1422	12/8/25	RTN	Trichloroethene		62	ug/L	
W-1422	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1422	12/8/25	RTN	Trichlorotrifluoroethane		2.7	ug/L	
W-1422	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1422	12/8/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-1422	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1422	12/8/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	1,1-Dichloroethene		14	ug/L	
W-1422	12/8/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	Bromoform		< 0.5	ug/L	
W-1422	12/8/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1422	12/8/25	DUP	Chloroform		< 0.5	ug/L	
W-1422	12/8/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	Tetrachloroethene		12	ug/L	
W-1422	12/8/25	DUP	Trichloroethene		64	ug/L	
W-1422	12/8/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1422	12/8/25	DUP	Trichlorotrifluoroethane		2.8	ug/L	
W-1422	12/8/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1422	12/8/25	DUP	cis-1,2-Dichloroethene		1	ug/L	
W-1422	12/8/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1422	12/22/25	RTN	Chromium		0.0087	mg/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1422	12/22/25	RTN	Hexavalent Chromium		0.0099	mg/L	
W-1423	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	1,1-Dichloroethene		1.7	ug/L	
W-1423	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1423	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1423	1/14/25	RTN	Chloroform		3.9	ug/L	
W-1423	1/14/25	RTN	Chromium		0.013	mg/L	
W-1423	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	Tetrachloroethene		1.2	ug/L	
W-1423	1/14/25	RTN	Trichloroethene		6.2	ug/L	
W-1423	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1423	1/14/25	RTN	Trichlorotrifluoroethane		1.9	ug/L	
W-1423	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1423	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-1423	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1423	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1423	4/9/25	RTN	Chloroform		3.3	ug/L	
W-1423	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	Tetrachloroethene		0.94	ug/L	
W-1423	4/9/25	RTN	Trichloroethene		5.3	ug/L	
W-1423	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1423	4/9/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-1423	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1423	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1423	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1423	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1423	7/10/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1423	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1423	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1423	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1423	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1423	7/10/25	RTN	Chloroform		2.8	ug/L	
W-1423	7/10/25	RTN	Chromium		0.015	mg/L	
W-1423	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1423	7/10/25	RTN	Tetrachloroethene		0.91	ug/L	
W-1423	7/10/25	RTN	Trichloroethene		4.2	ug/L	
W-1423	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1423	7/10/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1423	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1423	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1423	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1423	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1423	10/14/25	RTN	Chloroform		2.4	ug/L	
W-1423	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	Tetrachloroethene		1.2	ug/L	
W-1423	10/14/25	RTN	Trichloroethene		4.6	ug/L	
W-1423	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1423	10/14/25	RTN	Trichlorotrifluoroethane		1.8	ug/L	
W-1423	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1423	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1423	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1424	1/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1424	1/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1424	1/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1424	1/27/25	RTN	Chloroform		< 0.5	ug/L	
W-1424	1/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	Tetrachloroethene		3.8	ug/L	
W-1424	1/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1424	1/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1424	1/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1424	1/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1424	1/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1424	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1424	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1424	7/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1424	7/14/25	RTN	Chloroform		< 0.5	ug/L	
W-1424	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	Tetrachloroethene		3	ug/L	
W-1424	7/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1424	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1424	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1424	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1424	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1424	10/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1424	10/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	Bromoform		< 0.5	ug/L	
W-1424	10/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1424	10/27/25	RTN	Chloroform		< 0.5	ug/L	
W-1424	10/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	Tetrachloroethene		4.3	ug/L	
W-1424	10/27/25	RTN	Trichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1424	10/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1424	10/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1424	10/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1424	10/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1425	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1425	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1425	7/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1425	7/14/25	RTN	Chloroform		< 0.5	ug/L	
W-1425	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	Tetrachloroethene		1.9	ug/L	
W-1425	7/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1425	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1425	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1425	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1425	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1426	1/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1426	1/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	Bromoform		< 0.5	ug/L	
W-1426	1/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1426	1/28/25	RTN	Chloroform		0.82	ug/L	
W-1426	1/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1426	1/28/25	RTN	Trichloroethene		1.6	ug/L	
W-1426	1/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1426	1/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1426	1/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1426	1/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1428	10/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1428	10/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1428	10/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1428	10/1/25	RTN	Chloroform		< 0.5	ug/L	
W-1428	10/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1428	10/1/25	RTN	Trichloroethene		0.94	ug/L	
W-1428	10/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1428	10/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1428	10/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1428	10/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-143	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-143	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-143	7/30/25	RTN	1,1-Dichloroethane		0.82	ug/L	H
W-143	7/30/25	RTN	1,1-Dichloroethene		0.83	ug/L	H
W-143	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-143	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-143	7/30/25	RTN	Bromoform		< 0.5	ug/L	H
W-143	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-143	7/30/25	RTN	Chloroform		< 0.5	ug/L	H
W-143	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	OH
W-143	7/30/25	RTN	Tetrachloroethene		1.7	ug/L	H
W-143	7/30/25	RTN	Trichloroethene		< 0.5	ug/L	H
W-143	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	LH
W-143	7/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
W-143	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-143	7/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-143	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-146	8/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-146	8/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-146	8/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-146	8/20/25	RTN	1,1-Dichloroethene		4.4	ug/L	
W-146	8/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-146	8/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-146	8/20/25	RTN	Bromoform		< 0.5	ug/L	
W-146	8/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-146	8/20/25	RTN	Chloroform		0.8	ug/L	
W-146	8/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-146	8/20/25	RTN	Tetrachloroethene		0.97	ug/L	
W-146	8/20/25	RTN	Trichloroethene		2	ug/L	
W-146	8/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-146	8/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-146	8/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-146	8/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-146	8/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-147	1/9/25	RTN	Tritium		< 100	pCi/L	
W-147	4/2/25	RTN	Tritium		< 100	pCi/L	
W-147	8/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-147	8/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-147	8/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-147	8/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-147	8/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-147	8/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-147	8/20/25	RTN	Bromoform		< 0.5	ug/L	
W-147	8/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-147	8/20/25	RTN	Chloroform		6.7	ug/L	
W-147	8/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-147	8/20/25	RTN	Tetrachloroethene		1.5	ug/L	
W-147	8/20/25	RTN	Trichloroethene		1.6	ug/L	
W-147	8/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-147	8/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-147	8/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-147	8/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-147	8/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-148	4/2/25	RTN	Tritium		191	pCi/L	
W-148	11/6/25	RTN	Chromium		0.015	mg/L	
W-148	11/6/25	RTN	Hexavalent Chromium		0.013	mg/L	
W-148	11/6/25	RTN	Tritium		252	pCi/L	
W-1501	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1501	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1501	7/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1501	7/14/25	RTN	Chloroform		< 0.5	ug/L	
W-1501	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1501	7/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1501	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1501	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1501	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1501	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1502	5/1/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	1,1-Dichloroethene		1.4	ug/L	
W-1502	5/1/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	Bromoform		< 0.5	ug/L	
W-1502	5/1/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1502	5/1/25	DUP	Chloroform		1	ug/L	
W-1502	5/1/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	Tetrachloroethene		1.8	ug/L	
W-1502	5/1/25	DUP	Trichloroethene		24	ug/L	
W-1502	5/1/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1502	5/1/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1502	5/1/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1502	5/1/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1502	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	1,1-Dichloroethene		1.5	ug/L	
W-1502	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1502	5/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1502	5/1/25	RTN	Chloroform		1	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1502	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	Tetrachloroethene		1.8	ug/L	
W-1502	5/1/25	RTN	Trichloroethene		23	ug/L	
W-1502	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1502	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1502	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1502	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1502	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1502	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1502	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1502	10/23/25	RTN	Chloroform		1.7	ug/L	
W-1502	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	Tetrachloroethene		3.1	ug/L	
W-1502	10/23/25	RTN	Trichloroethene		34	ug/L	
W-1502	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1502	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1502	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1502	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1503	1/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	1,1-Dichloroethene		0.61	ug/L	
W-1503	1/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	Bromoform		< 0.5	ug/L	
W-1503	1/22/25	RTN	Carbon tetrachloride		0.58	ug/L	
W-1503	1/22/25	RTN	Chloroform		1.2	ug/L	
W-1503	1/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	Tetrachloroethene		1	ug/L	
W-1503	1/22/25	RTN	Trichloroethene		17	ug/L	
W-1503	1/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1503	1/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1503	1/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1503	1/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1503	1/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1503	1/22/25	RTN	Tritium		< 100	pCi/L	
W-1503	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1503	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1503	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1503	7/8/25	RTN	Chloroform		0.91	ug/L	
W-1503	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	Tetrachloroethene		0.6	ug/L	
W-1503	7/8/25	RTN	Trichloroethene		9.4	ug/L	
W-1503	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1503	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1503	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1503	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1503	7/8/25	RTN	Tritium		< 100	pCi/L	
W-1503	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-1503	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1503	10/7/25	RTN	Carbon tetrachloride		0.62	ug/L	
W-1503	10/7/25	RTN	Chloroform		1.2	ug/L	
W-1503	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	Tetrachloroethene		0.89	ug/L	
W-1503	10/7/25	RTN	Trichloroethene		15	ug/L	
W-1503	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1503	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1503	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1503	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1503	10/7/25	RTN	Tritium		< 100	pCi/L	
W-1504	1/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	1,1-Dichloroethene		5.1	ug/L	
W-1504	1/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	Bromoform		< 0.5	ug/L	
W-1504	1/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1504	1/22/25	RTN	Chloroform		1.8	ug/L	
W-1504	1/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	Tetrachloroethene		7.6	ug/L	
W-1504	1/22/25	RTN	Trichloroethene		42	ug/L	
W-1504	1/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1504	1/22/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-1504	1/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1504	1/22/25	RTN	cis-1,2-Dichloroethene		0.99	ug/L	
W-1504	1/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1504	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	1,1-Dichloroethene		5.6	ug/L	
W-1504	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1504	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1504	4/2/25	RTN	Chloroform		1.7	ug/L	
W-1504	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	Tetrachloroethene		6.6	ug/L	
W-1504	4/2/25	RTN	Trichloroethene		38	ug/L	
W-1504	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1504	4/2/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-1504	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1504	4/2/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-1504	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1504	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	1,1-Dichloroethene		4.7	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1504	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1504	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1504	7/8/25	RTN	Chloroform		1.6	ug/L	
W-1504	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	Tetrachloroethene		6.9	ug/L	
W-1504	7/8/25	RTN	Trichloroethene		35	ug/L	
W-1504	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1504	7/8/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1504	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1504	7/8/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-1504	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1504	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	1,1-Dichloroethene		5.6	ug/L	
W-1504	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1504	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1504	10/7/25	RTN	Chloroform		1.6	ug/L	
W-1504	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	Tetrachloroethene		7.2	ug/L	
W-1504	10/7/25	RTN	Trichloroethene		37	ug/L	
W-1504	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1504	10/7/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1504	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1504	10/7/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-1504	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	3/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	1,1-Dichloroethene		1.9	ug/L	
W-1505	3/13/25	RTN	1,2-Dichloroethane		0.79	ug/L	
W-1505	3/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	Bromoform		< 0.5	ug/L	
W-1505	3/13/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-1505	3/13/25	RTN	Chloroform		2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1505	3/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	Tetrachloroethene		1.4	ug/L	
W-1505	3/13/25	RTN	Trichloroethene		61	ug/L	
W-1505	3/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1505	3/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1505	3/13/25	RTN	cis-1,2-Dichloroethene		0.9	ug/L	
W-1505	3/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	4/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-1505	4/30/25	RTN	1,2-Dichloroethane		0.62	ug/L	
W-1505	4/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	Bromoform		< 0.5	ug/L	
W-1505	4/30/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1505	4/30/25	RTN	Chloroform		1.6	ug/L	
W-1505	4/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	Tetrachloroethene		1.6	ug/L	
W-1505	4/30/25	RTN	Trichloroethene		58	ug/L	
W-1505	4/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1505	4/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1505	4/30/25	RTN	cis-1,2-Dichloroethene		0.73	ug/L	
W-1505	4/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	4/30/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1505	4/30/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1505	4/30/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1505	4/30/25	DUP	1,1-Dichloroethene		1.2	ug/L	
W-1505	4/30/25	DUP	1,2-Dichloroethane		0.58	ug/L	
W-1505	4/30/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1505	4/30/25	DUP	Bromoform		< 0.5	ug/L	
W-1505	4/30/25	DUP	Carbon tetrachloride		1.6	ug/L	
W-1505	4/30/25	DUP	Chloroform		1.5	ug/L	
W-1505	4/30/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1505	4/30/25	DUP	Tetrachloroethene		1.5	ug/L	
W-1505	4/30/25	DUP	Trichloroethene		54	ug/L	
W-1505	4/30/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1505	4/30/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1505	4/30/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1505	4/30/25	DUP	cis-1,2-Dichloroethene		0.69	ug/L	
W-1505	4/30/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	9/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-1505	9/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1505	9/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1505	9/9/25	RTN	Chloroform		0.67	ug/L	
W-1505	9/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1505	9/9/25	RTN	Trichloroethene		15	ug/L	
W-1505	9/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1505	9/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1505	9/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	9/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	10/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	1,1-Dichloroethene		0.74	ug/L	
W-1505	10/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1505	10/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1505	10/16/25	RTN	Chloroform		0.74	ug/L	
W-1505	10/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	E
W-1505	10/16/25	RTN	Trichloroethene		18	ug/L	
W-1505	10/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1505	10/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	E
W-1505	10/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1505	10/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	10/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	10/16/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1505	10/16/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	1,1-Dichloroethene		0.81	ug/L	
W-1505	10/16/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	Bromoform		< 0.5	ug/L	
W-1505	10/16/25	DUP	Carbon tetrachloride		0.7	ug/L	
W-1505	10/16/25	DUP	Chloroform		0.84	ug/L	
W-1505	10/16/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	Tetrachloroethene		0.81	ug/L	
W-1505	10/16/25	DUP	Trichloroethene		29	ug/L	
W-1505	10/16/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1505	10/16/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1505	10/16/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	10/16/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1505	10/16/25	RTN	Tritium		< 100	pCi/L	
W-1506	3/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	1,1-Dichloroethene		7.5	ug/L	
W-1506	3/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1506	3/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1506	3/6/25	RTN	Chloroform		< 0.5	ug/L	
W-1506	3/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	Tetrachloroethene		1.3	ug/L	
W-1506	3/6/25	RTN	Trichloroethene		4.8	ug/L	
W-1506	3/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1506	3/6/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-1506	3/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1506	3/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1506	3/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1507	12/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1507	12/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1507	12/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1507	12/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1507	12/3/25	RTN	Chloroform		< 0.5	ug/L	
W-1507	12/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1507	12/3/25	RTN	Trichloroethene		4.8	ug/L	
W-1507	12/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1507	12/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1507	12/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1507	12/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1508	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-1508	3/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1508	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1508	3/3/25	RTN	Chloroform		< 0.5	ug/L	
W-1508	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1508	3/3/25	RTN	Trichloroethene		2.6	ug/L	
W-1508	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1508	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1508	3/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1508	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1509	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1509	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1509	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1509	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-1509	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	Tetrachloroethene		3.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1509	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1509	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1509	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1509	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1509	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1509	11/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1509	11/19/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	Bromoform		< 0.5	ug/L	
W-1509	11/19/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1509	11/19/25	RTN	Chloroform		< 0.5	ug/L	
W-1509	11/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	Tetrachloroethene		2.8	ug/L	
W-1509	11/19/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1509	11/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1509	11/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1509	11/19/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1509	11/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-151	1/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-151	1/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-151	1/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-151	1/27/25	RTN	1,1-Dichloroethene		0.54	ug/L	
W-151	1/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-151	1/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-151	1/27/25	RTN	Bromoform		< 0.5	ug/L	
W-151	1/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-151	1/27/25	RTN	Chloroform		< 0.5	ug/L	
W-151	1/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-151	1/27/25	RTN	Tetrachloroethene		0.53	ug/L	
W-151	1/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-151	1/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-151	1/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-151	1/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-151	1/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-151	1/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-151	1/27/25	RTN	Tritium		< 100	pCi/L	
W-151	4/3/25	RTN	Tritium		< 100	pCi/L	
W-151	4/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-151	4/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-151	4/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-151	4/3/25	RTN	1,1-Dichloroethene		0.59	ug/L	
W-151	4/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-151	4/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-151	4/3/25	RTN	Bromoform		< 0.5	ug/L	
W-151	4/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-151	4/3/25	RTN	Chloroform		< 0.5	ug/L	
W-151	4/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-151	4/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-151	4/3/25	RTN	Trichloroethene		< 0.5	ug/L	
W-151	4/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-151	4/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-151	4/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-151	4/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-151	4/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-151	7/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-151	7/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-151	7/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-151	7/2/25	RTN	1,1-Dichloroethene		0.55	ug/L	
W-151	7/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-151	7/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-151	7/2/25	RTN	Bromoform		< 0.5	ug/L	
W-151	7/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-151	7/2/25	RTN	Chloroform		< 0.5	ug/L	
W-151	7/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-151	7/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-151	7/2/25	RTN	Trichloroethene		< 0.5	ug/L	
W-151	7/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-151	7/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-151	7/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-151	7/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-151	7/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-151	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-151	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-151	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-151	10/7/25	RTN	1,1-Dichloroethene		0.62	ug/L	
W-151	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-151	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-151	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-151	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-151	10/7/25	RTN	Chloroform	<	0.5	ug/L	
W-151	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-151	10/7/25	RTN	Tetrachloroethene		0.55	ug/L	
W-151	10/7/25	RTN	Trichloroethene	<	0.5	ug/L	
W-151	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-151	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-151	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-151	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-151	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1510	1/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-1510	1/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	Bromoform	<	0.5	ug/L	
W-1510	1/22/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1510	1/22/25	RTN	Chloroform		1.3	ug/L	
W-1510	1/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	Tetrachloroethene		2.5	ug/L	
W-1510	1/22/25	RTN	Trichloroethene		17	ug/L	
W-1510	1/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1510	1/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1510	1/22/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1510	1/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1510	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1510	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1510	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1510	4/2/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1510	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1510	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1510	4/2/25	RTN	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1510	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1510	4/2/25	RTN	Chloroform		1.1	ug/L	
W-1510	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1510	4/2/25	RTN	Tetrachloroethene		1.9	ug/L	
W-1510	4/2/25	RTN	Trichloroethene		13	ug/L	
W-1510	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1510	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1510	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1510	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1510	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1510	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	1,1-Dichloroethene		0.99	ug/L	
W-1510	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1510	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1510	7/8/25	RTN	Chloroform		1.1	ug/L	
W-1510	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	Tetrachloroethene		1.9	ug/L	
W-1510	7/8/25	RTN	Trichloroethene		12	ug/L	
W-1510	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1510	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1510	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1510	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1510	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1510	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1510	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1510	10/7/25	RTN	Chloroform		1.3	ug/L	
W-1510	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	Tetrachloroethene		2	ug/L	
W-1510	10/7/25	RTN	Trichloroethene		13	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1510	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1510	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1510	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1510	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	2/5/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	1,1-Dichloroethene		8.9	ug/L	
W-1511	2/5/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	Bromoform		< 0.5	ug/L	
W-1511	2/5/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1511	2/5/25	DUP	Chloroform		1.7	ug/L	
W-1511	2/5/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	Tetrachloroethene		9.3	ug/L	
W-1511	2/5/25	DUP	Trichloroethene		51	ug/L	
W-1511	2/5/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1511	2/5/25	DUP	Trichlorotrifluoroethane		3.6	ug/L	
W-1511	2/5/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1511	2/5/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	2/5/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	2/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	1,1-Dichloroethene		8.2	ug/L	
W-1511	2/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1511	2/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1511	2/5/25	RTN	Chloroform		1.7	ug/L	
W-1511	2/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	Tetrachloroethene		8.8	ug/L	
W-1511	2/5/25	RTN	Trichloroethene		50	ug/L	
W-1511	2/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1511	2/5/25	RTN	Trichlorotrifluoroethane		3.1	ug/L	
W-1511	2/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1511	2/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	2/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1511	4/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	1,1-Dichloroethene		10	ug/L	
W-1511	4/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	Bromoform	<	0.5	ug/L	
W-1511	4/14/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1511	4/14/25	RTN	Chloroform		2	ug/L	
W-1511	4/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	Tetrachloroethene		9.4	ug/L	
W-1511	4/14/25	RTN	Trichloroethene		57	ug/L	
W-1511	4/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1511	4/14/25	RTN	Trichlorotrifluoroethane		3.3	ug/L	
W-1511	4/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1511	4/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1511	4/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1511	7/23/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	1,1-Dichloroethene		22	ug/L	
W-1511	7/23/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	Bromoform	<	0.5	ug/L	
W-1511	7/23/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1511	7/23/25	DUP	Chloroform		3.2	ug/L	
W-1511	7/23/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	Tetrachloroethene		18	ug/L	
W-1511	7/23/25	DUP	Trichloroethene		78	ug/L	
W-1511	7/23/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1511	7/23/25	DUP	Trichlorotrifluoroethane		10	ug/L	
W-1511	7/23/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1511	7/23/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1511	7/23/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1511	7/23/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1511	7/23/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1511	7/23/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1511	7/23/25	RTN	1,1-Dichloroethene		17	ug/L	
W-1511	7/23/25	RTN	1,2-Dichloroethane		0.51	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1511	7/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1511	7/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1511	7/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1511	7/23/25	RTN	Chloroform		3	ug/L	
W-1511	7/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1511	7/23/25	RTN	Tetrachloroethene		19	ug/L	
W-1511	7/23/25	RTN	Trichloroethene		89	ug/L	
W-1511	7/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1511	7/23/25	RTN	Trichlorotrifluoroethane		7.2	ug/L	
W-1511	7/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1511	7/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	7/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	7/23/25	RTN	Tritium		< 100	pCi/L	
W-1511	12/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	1,1-Dichloroethene		18	ug/L	
W-1511	12/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1511	12/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1511	12/3/25	RTN	Chloroform		2.7	ug/L	
W-1511	12/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	Tetrachloroethene		19	ug/L	
W-1511	12/3/25	RTN	Trichloroethene		87	ug/L	
W-1511	12/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1511	12/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1511	12/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	12/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	12/3/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	1,1-Dichloroethene		20	ug/L	
W-1511	12/3/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	Bromoform		< 0.5	ug/L	
W-1511	12/3/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1511	12/3/25	DUP	Chloroform		2.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1511	12/3/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	Tetrachloroethene		21	ug/L	
W-1511	12/3/25	DUP	Trichloroethene		94	ug/L	
W-1511	12/3/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1511	12/3/25	DUP	Trichlorotrifluoroethane		6.8	ug/L	
W-1511	12/3/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1511	12/3/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1511	12/3/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1512	2/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1512	2/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	Bromoform		< 0.5	ug/L	
W-1512	2/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1512	2/5/25	RTN	Chloroform		< 0.5	ug/L	
W-1512	2/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1512	2/5/25	RTN	Trichloroethene		0.98	ug/L	
W-1512	2/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1512	2/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1512	2/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1512	2/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1516	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1516	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1516	1/14/25	RTN	Chloroform		1.4	ug/L	
W-1516	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1516	1/14/25	RTN	Trichloroethene		4.7	ug/L	
W-1516	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1516	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1516	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1516	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	1/14/25	RTN	Tritium		< 100	pCi/L	
W-1516	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1516	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-1516	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1516	4/9/25	RTN	Chloroform		1.3	ug/L	
W-1516	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1516	4/9/25	RTN	Trichloroethene		4.2	ug/L	
W-1516	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1516	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1516	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	4/9/25	RTN	Tritium		< 100	pCi/L	
W-1516	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1516	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1516	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1516	7/10/25	RTN	Chloroform		1.3	ug/L	
W-1516	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1516	7/10/25	RTN	Trichloroethene		4.3	ug/L	
W-1516	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1516	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1516	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1516	7/10/25	RTN	Tritium		< 100	pCi/L	
W-1516	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1516	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1516	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1516	10/7/25	RTN	Chloroform		1.4	ug/L	
W-1516	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1516	10/7/25	RTN	Trichloroethene		4.2	ug/L	
W-1516	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1516	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1516	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1516	10/7/25	RTN	Tritium		< 100	pCi/L	
W-1517	3/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1517	3/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	Bromoform		< 0.5	ug/L	
W-1517	3/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1517	3/12/25	RTN	Chloroform		< 0.5	ug/L	
W-1517	3/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1517	3/12/25	RTN	Trichloroethene		20	ug/L	
W-1517	3/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1517	3/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1517	3/12/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1517	3/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1517	10/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1517	10/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1517	10/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	Bromoform		< 0.5	ug/L	
W-1517	10/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1517	10/28/25	RTN	Chloroform		< 0.5	ug/L	
W-1517	10/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1517	10/28/25	RTN	Trichloroethene		17	ug/L	
W-1517	10/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1517	10/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1517	10/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1517	10/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1518	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1518	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1518	1/14/25	RTN	Chloroform		< 0.5	ug/L	
W-1518	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1518	1/14/25	RTN	Trichloroethene		5	ug/L	
W-1518	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1518	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1518	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	1/14/25	RTN	Tritium		< 100	pCi/L	
W-1518	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1518	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1518	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1518	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-1518	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1518	4/9/25	RTN	Trichloroethene		4.3	ug/L	
W-1518	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1518	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1518	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	4/9/25	RTN	Tritium		< 100	pCi/L	
W-1518	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1518	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1518	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1518	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1518	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1518	7/10/25	RTN	Trichloroethene		3.9	ug/L	
W-1518	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1518	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1518	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	7/10/25	RTN	Tritium		< 100	pCi/L	
W-1518	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1518	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1518	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1518	10/7/25	RTN	Chloroform		< 0.5	ug/L	
W-1518	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1518	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1518	10/7/25	RTN	Trichloroethene		4.8	ug/L	
W-1518	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1518	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1518	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1518	10/7/25	RTN	Tritium		< 100	pCi/L	
W-1519	9/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1519	9/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1519	9/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1519	9/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1519	9/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1519	9/8/25	RTN	Trichloroethene		6.2	ug/L	
W-1519	9/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1519	9/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1519	9/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1519	9/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1520	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1520	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1520	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1520	1/14/25	RTN	1,1-Dichloroethene		0.66	ug/L	
W-1520	1/14/25	RTN	1,2-Dichloroethane		1	ug/L	
W-1520	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1520	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1520	1/14/25	RTN	Carbon tetrachloride		3.2	ug/L	
W-1520	1/14/25	RTN	Chloroform		3.3	ug/L	
W-1520	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1520	1/14/25	RTN	Tetrachloroethene		3	ug/L	
W-1520	1/14/25	RTN	Trichloroethene		82	ug/L	
W-1520	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1520	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1520	1/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1520	1/14/25	RTN	cis-1,2-Dichloroethene		0.84	ug/L	
W-1520	1/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1520	1/14/25	RTN	Tritium		522	pCi/L	
W-1520	2/13/25	RTN	Tritium		661	pCi/L	
W-1520	3/4/25	RTN	Tritium		961	pCi/L	
W-1520	4/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	1,1-Dichloroethene		0.74	ug/L	
W-1520	4/9/25	RTN	1,2-Dichloroethane		0.99	ug/L	
W-1520	4/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	Bromoform	<	0.5	ug/L	
W-1520	4/9/25	RTN	Carbon tetrachloride		3	ug/L	
W-1520	4/9/25	RTN	Chloroform		3.1	ug/L	
W-1520	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	Tetrachloroethene		2.8	ug/L	
W-1520	4/9/25	RTN	Trichloroethene		77	ug/L	
W-1520	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1520	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1520	4/9/25	RTN	cis-1,2-Dichloroethene		0.84	ug/L	
W-1520	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1520	4/9/25	RTN	Tritium		589	pCi/L	
W-1520	5/8/25	RTN	Tritium		389	pCi/L	
W-1520	6/3/25	RTN	Tritium		523	pCi/L	
W-1520	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1520	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1520	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1520	7/10/25	RTN	1,1-Dichloroethene		0.59	ug/L	
W-1520	7/10/25	RTN	1,2-Dichloroethane		0.89	ug/L	
W-1520	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1520	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-1520	7/10/25	RTN	Carbon tetrachloride		2.7	ug/L	
W-1520	7/10/25	RTN	Chloroform		2.8	ug/L	
W-1520	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1520	7/10/25	RTN	Tetrachloroethene		2.8	ug/L	
W-1520	7/10/25	RTN	Trichloroethene		66	ug/L	
W-1520	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1520	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1520	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1520	7/10/25	RTN	cis-1,2-Dichloroethene		0.78	ug/L	
W-1520	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1520	7/10/25	RTN	Tritium		521	pCi/L	
W-1520	8/4/25	RTN	Tritium		668	pCi/L	
W-1520	9/3/25	RTN	Tritium		562	pCi/L	
W-1520	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	1,1-Dichloroethene		0.69	ug/L	
W-1520	10/7/25	RTN	1,2-Dichloroethane		1	ug/L	
W-1520	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1520	10/7/25	RTN	Carbon tetrachloride		3.3	ug/L	
W-1520	10/7/25	RTN	Chloroform		3.5	ug/L	
W-1520	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	Tetrachloroethene		3	ug/L	
W-1520	10/7/25	RTN	Trichloroethene		72	ug/L	D
W-1520	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1520	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1520	10/7/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-1520	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1520	10/7/25	RTN	Tritium		560	pCi/L	
W-1520	11/4/25	RTN	Tritium		547	pCi/L	
W-1520	12/3/25	RTN	Tritium		581	pCi/L	
W-1522	1/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1522	1/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1522	1/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1522	1/14/25	RTN	1,1-Dichloroethene		3.9	ug/L	
W-1522	1/14/25	RTN	1,2-Dichloroethane		1.4	ug/L	
W-1522	1/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1522	1/14/25	RTN	Bromoform	<	0.5	ug/L	
W-1522	1/14/25	RTN	Carbon tetrachloride		4.4	ug/L	
W-1522	1/14/25	RTN	Chloroform		4.4	ug/L	
W-1522	1/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1522	1/14/25	RTN	Tetrachloroethene		5.1	ug/L	
W-1522	1/14/25	RTN	Trichloroethene		130	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1522	1/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1522	1/14/25	RTN	Trichlorotrifluoroethane		0.66	ug/L	
W-1522	1/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1522	1/14/25	RTN	cis-1,2-Dichloroethene		3.5	ug/L	
W-1522	1/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1522	1/14/25	RTN	Tritium		988	pCi/L	
W-1522	2/13/25	RTN	Tritium		658	pCi/L	
W-1522	3/4/25	RTN	Tritium		1150	pCi/L	
W-1522	4/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1522	4/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1522	4/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1522	4/9/25	RTN	1,1-Dichloroethene		4.3	ug/L	
W-1522	4/9/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1522	4/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1522	4/9/25	RTN	Bromoform	<	0.5	ug/L	
W-1522	4/9/25	RTN	Carbon tetrachloride		4	ug/L	
W-1522	4/9/25	RTN	Chloroform		3.9	ug/L	
W-1522	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1522	4/9/25	RTN	Tetrachloroethene		4.2	ug/L	
W-1522	4/9/25	RTN	Trichloroethene		130	ug/L	
W-1522	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1522	4/9/25	RTN	Trichlorotrifluoroethane		0.6	ug/L	
W-1522	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1522	4/9/25	RTN	cis-1,2-Dichloroethene		3.4	ug/L	
W-1522	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1522	4/9/25	RTN	Tritium		986	pCi/L	
W-1522	5/8/25	RTN	Tritium		876	pCi/L	
W-1522	6/3/25	RTN	Tritium		948	pCi/L	
W-1522	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1522	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1522	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1522	7/10/25	RTN	1,1-Dichloroethene		3.9	ug/L	
W-1522	7/10/25	RTN	1,2-Dichloroethane		1.3	ug/L	
W-1522	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1522	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-1522	7/10/25	RTN	Carbon tetrachloride		3.9	ug/L	
W-1522	7/10/25	RTN	Chloroform		3.8	ug/L	
W-1522	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1522	7/10/25	RTN	Tetrachloroethene		4.9	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1522	7/10/25	RTN	Trichloroethene		110	ug/L	D
W-1522	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1522	7/10/25	RTN	Trichlorotrifluoroethane		0.6	ug/L	
W-1522	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1522	7/10/25	RTN	cis-1,2-Dichloroethene		3.2	ug/L	
W-1522	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1522	7/10/25	RTN	Tritium		895	pCi/L	
W-1522	8/4/25	RTN	Tritium		1580	pCi/L	
W-1522	9/3/25	RTN	Tritium		982	pCi/L	
W-1522	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1522	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1522	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1522	10/7/25	RTN	1,1-Dichloroethene		4.7	ug/L	
W-1522	10/7/25	RTN	1,2-Dichloroethane		1.4	ug/L	
W-1522	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1522	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1522	10/7/25	RTN	Carbon tetrachloride		4.5	ug/L	
W-1522	10/7/25	RTN	Chloroform		4.6	ug/L	
W-1522	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1522	10/7/25	RTN	Tetrachloroethene		4.9	ug/L	
W-1522	10/7/25	RTN	Trichloroethene		120	ug/L	D
W-1522	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1522	10/7/25	RTN	Trichlorotrifluoroethane		0.75	ug/L	
W-1522	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1522	10/7/25	RTN	cis-1,2-Dichloroethene		4	ug/L	
W-1522	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1522	10/7/25	RTN	Tritium		875	pCi/L	
W-1522	11/4/25	RTN	Tritium		921	pCi/L	
W-1522	12/3/25	RTN	Tritium		793	pCi/L	
W-1523	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1523	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1523	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1523	1/7/25	RTN	1,1-Dichloroethene		9.6	ug/L	
W-1523	1/7/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1523	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1523	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1523	1/7/25	RTN	Carbon tetrachloride		2.7	ug/L	
W-1523	1/7/25	RTN	Chloroform		2.9	ug/L	
W-1523	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1523	1/7/25	RTN	Tetrachloroethene		12	ug/L	
W-1523	1/7/25	RTN	Trichloroethene		110	ug/L	D
W-1523	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1523	1/7/25	RTN	Trichlorotrifluoroethane		0.95	ug/L	
W-1523	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1523	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1523	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1523	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1523	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1523	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1523	4/2/25	RTN	1,1-Dichloroethene		9.9	ug/L	
W-1523	4/2/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1523	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1523	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1523	4/2/25	RTN	Carbon tetrachloride		2.4	ug/L	
W-1523	4/2/25	RTN	Chloroform		3.7	ug/L	
W-1523	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1523	4/2/25	RTN	Tetrachloroethene		14	ug/L	
W-1523	4/2/25	RTN	Trichloroethene		100	ug/L	
W-1523	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1523	4/2/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-1523	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1523	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1523	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1523	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1523	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1523	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1523	7/8/25	RTN	1,1-Dichloroethene		5.8	ug/L	
W-1523	7/8/25	RTN	1,2-Dichloroethane		0.74	ug/L	
W-1523	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1523	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1523	7/8/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1523	7/8/25	RTN	Chloroform		3.3	ug/L	
W-1523	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1523	7/8/25	RTN	Tetrachloroethene		11	ug/L	
W-1523	7/8/25	RTN	Trichloroethene		76	ug/L	
W-1523	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1523	7/8/25	RTN	Trichlorotrifluoroethane		0.86	ug/L	
W-1523	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1523	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1523	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1523	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1523	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1523	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1523	10/7/25	RTN	1,1-Dichloroethene		11	ug/L	
W-1523	10/7/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-1523	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1523	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1523	10/7/25	RTN	Carbon tetrachloride		2.8	ug/L	
W-1523	10/7/25	RTN	Chloroform		2.7	ug/L	
W-1523	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1523	10/7/25	RTN	Tetrachloroethene		10	ug/L	
W-1523	10/7/25	RTN	Trichloroethene		90	ug/L	D
W-1523	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1523	10/7/25	RTN	Trichlorotrifluoroethane		0.82	ug/L	
W-1523	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1523	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1523	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1550	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	1,1-Dichloroethene		0.6	ug/L	
W-1550	1/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	Bromoform	<	0.5	ug/L	
W-1550	1/16/25	RTN	Carbon tetrachloride		4.2	ug/L	
W-1550	1/16/25	RTN	Chloroform		1.8	ug/L	
W-1550	1/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	Tetrachloroethene		1.6	ug/L	
W-1550	1/16/25	RTN	Trichloroethene		52	ug/L	
W-1550	1/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1550	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1550	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1550	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1550	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1550	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1550	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1550	4/8/25	RTN	1,1-Dichloroethene		0.83	ug/L	
W-1550	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1550	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1550	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1550	4/8/25	RTN	Carbon tetrachloride		4.8	ug/L	
W-1550	4/8/25	RTN	Chloroform		1.8	ug/L	
W-1550	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1550	4/8/25	RTN	Tetrachloroethene		1.8	ug/L	
W-1550	4/8/25	RTN	Trichloroethene		53	ug/L	
W-1550	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1550	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1550	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1550	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1550	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1550	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	1,1-Dichloroethene		0.72	ug/L	
W-1550	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1550	7/8/25	RTN	Carbon tetrachloride		4.6	ug/L	
W-1550	7/8/25	RTN	Chloroform		1.6	ug/L	
W-1550	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	Tetrachloroethene		1.9	ug/L	
W-1550	7/8/25	RTN	Trichloroethene		48	ug/L	
W-1550	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1550	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1550	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1550	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1550	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	1,1-Dichloroethene		0.74	ug/L	
W-1550	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1550	10/7/25	RTN	Carbon tetrachloride		4.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1550	10/7/25	RTN	Chloroform		1.7	ug/L	
W-1550	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	Tetrachloroethene		1.8	ug/L	
W-1550	10/7/25	RTN	Trichloroethene		50	ug/L	
W-1550	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1550	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1550	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1550	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1551	3/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1551	3/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	Bromoform		< 0.5	ug/L	
W-1551	3/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1551	3/12/25	RTN	Chloroform		0.66	ug/L	
W-1551	3/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	Tetrachloroethene		0.51	ug/L	
W-1551	3/12/25	RTN	Trichloroethene		120	ug/L	D
W-1551	3/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1551	3/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1551	3/12/25	RTN	cis-1,2-Dichloroethene		33	ug/L	
W-1551	3/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1551	3/12/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-1551	3/12/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	Bromoform		< 0.5	ug/L	
W-1551	3/12/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1551	3/12/25	DUP	Chloroform		0.62	ug/L	
W-1551	3/12/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	Tetrachloroethene		0.65	ug/L	
W-1551	3/12/25	DUP	Trichloroethene		129	ug/L	D
W-1551	3/12/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1551	3/12/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1551	3/12/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1551	3/12/25	DUP	cis-1,2-Dichloroethene		33	ug/L	
W-1551	3/12/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1551	11/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1551	11/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1551	11/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1551	11/6/25	RTN	Chloroform		0.54	ug/L	
W-1551	11/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	Tetrachloroethene		0.51	ug/L	
W-1551	11/6/25	RTN	Trichloroethene		110	ug/L	D
W-1551	11/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1551	11/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1551	11/6/25	RTN	cis-1,2-Dichloroethene		38	ug/L	
W-1551	11/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1551	11/6/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-1551	11/6/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	Bromoform		< 0.5	ug/L	
W-1551	11/6/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1551	11/6/25	DUP	Chloroform		< 0.5	ug/L	
W-1551	11/6/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	Tetrachloroethene		0.7	ug/L	
W-1551	11/6/25	DUP	Trichloroethene		100	ug/L	D
W-1551	11/6/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1551	11/6/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1551	11/6/25	DUP	cis-1,2-Dichloroethene		34	ug/L	
W-1551	11/6/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1552	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1552	3/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1552	3/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	Bromoform	<	0.5	ug/L	
W-1552	3/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1552	3/17/25	RTN	Chloroform	<	0.5	ug/L	
W-1552	3/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1552	3/17/25	RTN	Trichloroethene		0.61	ug/L	
W-1552	3/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1552	3/17/25	RTN	Vinyl chloride		0.72	ug/L	
W-1552	3/17/25	RTN	cis-1,2-Dichloroethene		0.97	ug/L	
W-1552	3/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1552	6/17/25	RTN	1,1,1-Trichloroethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	1,1,2-Trichloroethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	1,1-Dichloroethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	1,1-Dichloroethene	<	2.5	ug/L	D
W-1552	6/17/25	RTN	1,2-Dichloroethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Bromodichloromethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Bromoform	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Carbon tetrachloride	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Chloroform	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Dibromochloromethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Tetrachloroethene	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Trichloroethene	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Trichlorofluoromethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Trichlorotrifluoroethane	<	2.5	ug/L	D
W-1552	6/17/25	RTN	Vinyl chloride	<	2.5	ug/L	D
W-1552	6/17/25	RTN	cis-1,2-Dichloroethene	<	2.5	ug/L	D
W-1552	6/17/25	RTN	trans-1,2-Dichloroethene	<	2.5	ug/L	D
W-1552	8/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1552	8/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1552	8/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1552	8/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1552	8/21/25	RTN	Bromoform	<	0.5	ug/L	
W-1552	8/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1552	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1552	8/21/25	RTN	Trichloroethene		0.72	ug/L	IJ
W-1552	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1552	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1552	8/21/25	RTN	Vinyl chloride		0.55	ug/L	
W-1552	8/21/25	RTN	cis-1,2-Dichloroethene		0.9	ug/L	
W-1552	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1552	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1552	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1552	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1552	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1552	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1552	10/23/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1552	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1552	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1552	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1552	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1553	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1553	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1553	5/1/25	RTN	Carbon tetrachloride		4.6	ug/L	
W-1553	5/1/25	RTN	Chloroform		0.85	ug/L	
W-1553	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1553	5/1/25	RTN	Trichloroethene		130	ug/L	D
W-1553	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1553	5/1/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-1553	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1553	5/1/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1553	5/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1553	5/1/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-1553	5/1/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	Bromoform	<	0.5	ug/L	
W-1553	5/1/25	DUP	Carbon tetrachloride		4.6	ug/L	
W-1553	5/1/25	DUP	Chloroform		0.85	ug/L	
W-1553	5/1/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	Tetrachloroethene	<	0.5	ug/L	
W-1553	5/1/25	DUP	Trichloroethene		120	ug/L	D
W-1553	5/1/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1553	5/1/25	DUP	Trichlorotrifluoroethane		1.5	ug/L	
W-1553	5/1/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1553	5/1/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1553	5/1/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1601	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1601	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1601	1/7/25	RTN	1,1-Dichloroethane		0.91	ug/L	
W-1601	1/7/25	RTN	1,1-Dichloroethene		18	ug/L	
W-1601	1/7/25	RTN	1,2-Dichloroethane		3.8	ug/L	
W-1601	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1601	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1601	1/7/25	RTN	Carbon tetrachloride		1.9	ug/L	
W-1601	1/7/25	RTN	Chloroform		2.8	ug/L	
W-1601	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1601	1/7/25	RTN	Tetrachloroethene		59	ug/L	
W-1601	1/7/25	RTN	Trichloroethene		190	ug/L	D
W-1601	1/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1601	1/7/25	RTN	Trichlorotrifluoroethane		0.76	ug/L	
W-1601	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1601	1/7/25	RTN	cis-1,2-Dichloroethene		0.75	ug/L	
W-1601	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1601	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1601	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1601	4/2/25	RTN	1,1-Dichloroethane		0.88	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1601	4/2/25	RTN	1,1-Dichloroethene		18	ug/L	
W-1601	4/2/25	RTN	1,2-Dichloroethane		3.4	ug/L	
W-1601	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1601	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1601	4/2/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-1601	4/2/25	RTN	Chloroform		2.5	ug/L	
W-1601	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1601	4/2/25	RTN	Tetrachloroethene		46	ug/L	
W-1601	4/2/25	RTN	Trichloroethene		160	ug/L	D
W-1601	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1601	4/2/25	RTN	Trichlorotrifluoroethane		0.66	ug/L	
W-1601	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1601	4/2/25	RTN	cis-1,2-Dichloroethene		0.72	ug/L	
W-1601	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1601	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1601	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1601	7/8/25	RTN	1,1-Dichloroethane		0.93	ug/L	
W-1601	7/8/25	RTN	1,1-Dichloroethene		18	ug/L	
W-1601	7/8/25	RTN	1,2-Dichloroethane		3.8	ug/L	
W-1601	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1601	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1601	7/8/25	RTN	Carbon tetrachloride		1.9	ug/L	
W-1601	7/8/25	RTN	Chloroform		2.7	ug/L	
W-1601	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1601	7/8/25	RTN	Tetrachloroethene		56	ug/L	
W-1601	7/8/25	RTN	Trichloroethene		170	ug/L	D
W-1601	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1601	7/8/25	RTN	Trichlorotrifluoroethane		0.74	ug/L	
W-1601	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1601	7/8/25	RTN	cis-1,2-Dichloroethene		0.72	ug/L	
W-1601	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1601	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1601	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1601	10/7/25	RTN	1,1-Dichloroethane		0.93	ug/L	
W-1601	10/7/25	RTN	1,1-Dichloroethene		16	ug/L	
W-1601	10/7/25	RTN	1,2-Dichloroethane		3.4	ug/L	
W-1601	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1601	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1601	10/7/25	RTN	Carbon tetrachloride		2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1601	10/7/25	RTN	Chloroform		2.7	ug/L	
W-1601	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1601	10/7/25	RTN	Tetrachloroethene		43	ug/L	
W-1601	10/7/25	RTN	Trichloroethene		150	ug/L	D
W-1601	10/7/25	RTN	Trichlorofluoromethane		0.5	ug/L	
W-1601	10/7/25	RTN	Trichlorotrifluoroethane		0.69	ug/L	
W-1601	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1601	10/7/25	RTN	cis-1,2-Dichloroethene		0.81	ug/L	
W-1601	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1602	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1602	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1602	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1602	1/7/25	RTN	Chloroform		2.2	ug/L	
W-1602	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	Tetrachloroethene		0.55	ug/L	
W-1602	1/7/25	RTN	Trichloroethene		4.8	ug/L	
W-1602	1/7/25	RTN	Trichlorofluoromethane		1.1	ug/L	
W-1602	1/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1602	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1602	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1602	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1602	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1602	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1602	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1602	4/2/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1602	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1602	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1602	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-1602	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1602	4/2/25	RTN	Chloroform		2.2	ug/L	
W-1602	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1602	4/2/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1602	4/2/25	RTN	Trichloroethene		4.3	ug/L	
W-1602	4/2/25	RTN	Trichlorofluoromethane		0.98	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1602	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1602	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1602	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1602	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1602	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1602	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1602	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1602	7/8/25	RTN	Chloroform		2.3	ug/L	
W-1602	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1602	7/8/25	RTN	Trichloroethene		3.8	ug/L	
W-1602	7/8/25	RTN	Trichlorofluoromethane		0.99	ug/L	
W-1602	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1602	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1602	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1602	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1602	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1602	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1602	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1602	10/7/25	RTN	Chloroform		2.8	ug/L	
W-1602	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	Tetrachloroethene		0.91	ug/L	
W-1602	10/7/25	RTN	Trichloroethene		4.6	ug/L	
W-1602	10/7/25	RTN	Trichlorofluoromethane		1.3	ug/L	
W-1602	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1602	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1602	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1602	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1603	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1603	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1603	1/7/25	RTN	1,1-Dichloroethane		0.5	ug/L	
W-1603	1/7/25	RTN	1,1-Dichloroethene		5	ug/L	
W-1603	1/7/25	RTN	1,2-Dichloroethane		1.4	ug/L	
W-1603	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1603	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1603	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1603	1/7/25	RTN	Chloroform		2.9	ug/L	
W-1603	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1603	1/7/25	RTN	Tetrachloroethene		7.7	ug/L	
W-1603	1/7/25	RTN	Trichloroethene		97	ug/L	
W-1603	1/7/25	RTN	Trichlorofluoromethane		2.6	ug/L	
W-1603	1/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1603	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1603	1/7/25	RTN	cis-1,2-Dichloroethene		0.83	ug/L	
W-1603	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1603	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1603	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1603	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1603	4/2/25	RTN	1,1-Dichloroethene		4.8	ug/L	
W-1603	4/2/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1603	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1603	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-1603	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1603	4/2/25	RTN	Chloroform		2.5	ug/L	
W-1603	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1603	4/2/25	RTN	Tetrachloroethene		6.1	ug/L	
W-1603	4/2/25	RTN	Trichloroethene		77	ug/L	
W-1603	4/2/25	RTN	Trichlorofluoromethane		2.4	ug/L	
W-1603	4/2/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1603	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1603	4/2/25	RTN	cis-1,2-Dichloroethene		0.75	ug/L	
W-1603	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1603	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1603	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1603	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1603	7/8/25	RTN	1,1-Dichloroethene		4.4	ug/L	
W-1603	7/8/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1603	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1603	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1603	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1603	7/8/25	RTN	Chloroform		2.6	ug/L	
W-1603	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1603	7/8/25	RTN	Tetrachloroethene		7.2	ug/L	
W-1603	7/8/25	RTN	Trichloroethene		78	ug/L	
W-1603	7/8/25	RTN	Trichlorofluoromethane		2.2	ug/L	
W-1603	7/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1603	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1603	7/8/25	RTN	cis-1,2-Dichloroethene		0.77	ug/L	
W-1603	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1603	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-1603	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1603	10/7/25	RTN	Carbon tetrachloride		0.62	ug/L	
W-1603	10/7/25	RTN	Chloroform		2.9	ug/L	
W-1603	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	Tetrachloroethene		3.2	ug/L	
W-1603	10/7/25	RTN	Trichloroethene		36	ug/L	
W-1603	10/7/25	RTN	Trichlorofluoromethane		3.7	ug/L	
W-1603	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1603	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1603	10/7/25	RTN	cis-1,2-Dichloroethene		0.61	ug/L	
W-1603	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1604	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1604	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1604	1/13/25	RTN	1,1-Dichloroethane		1.7	ug/L	
W-1604	1/13/25	RTN	1,1-Dichloroethene		39	ug/L	
W-1604	1/13/25	RTN	1,2-Dichloroethane		9.5	ug/L	
W-1604	1/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1604	1/13/25	RTN	Bromoform	<	0.5	ug/L	
W-1604	1/13/25	RTN	Carbon tetrachloride		4.2	ug/L	
W-1604	1/13/25	RTN	Chloroform		63	ug/L	
W-1604	1/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1604	1/13/25	RTN	Tetrachloroethene		89	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1604	1/13/25	RTN	Trichloroethene		860	ug/L	D
W-1604	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1604	1/13/25	RTN	Trichlorotrifluoroethane		10	ug/L	
W-1604	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1604	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1604	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1604	5/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1604	5/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1604	5/6/25	RTN	1,1-Dichloroethane		1.6	ug/L	
W-1604	5/6/25	RTN	1,1-Dichloroethene		38	ug/L	
W-1604	5/6/25	RTN	1,2-Dichloroethane		7.6	ug/L	
W-1604	5/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1604	5/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1604	5/6/25	RTN	Carbon tetrachloride		4.2	ug/L	
W-1604	5/6/25	RTN	Chloroform		57	ug/L	
W-1604	5/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1604	5/6/25	RTN	Tetrachloroethene		90	ug/L	
W-1604	5/6/25	RTN	Trichloroethene		800	ug/L	D
W-1604	5/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1604	5/6/25	RTN	Trichlorotrifluoroethane		10	ug/L	
W-1604	5/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1604	5/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1604	5/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1604	5/6/25	RTN	Tritium		1670	pCi/L	
W-1604	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1604	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1604	7/8/25	RTN	1,1-Dichloroethane		1.6	ug/L	
W-1604	7/8/25	RTN	1,1-Dichloroethene		36	ug/L	
W-1604	7/8/25	RTN	1,2-Dichloroethane		10	ug/L	
W-1604	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1604	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1604	7/8/25	RTN	Carbon tetrachloride		3.9	ug/L	
W-1604	7/8/25	RTN	Chloroform		57	ug/L	
W-1604	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1604	7/8/25	RTN	Tetrachloroethene		90	ug/L	
W-1604	7/8/25	RTN	Trichloroethene		770	ug/L	D
W-1604	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1604	7/8/25	RTN	Trichlorotrifluoroethane		9.3	ug/L	
W-1604	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1604	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1604	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1604	7/8/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1604	7/8/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1604	7/8/25	DUP	1,1-Dichloroethane		1.6	ug/L	
W-1604	7/8/25	DUP	1,1-Dichloroethene		35	ug/L	
W-1604	7/8/25	DUP	1,2-Dichloroethane		9.9	ug/L	
W-1604	7/8/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1604	7/8/25	DUP	Bromoform	<	0.5	ug/L	
W-1604	7/8/25	DUP	Carbon tetrachloride		3.8	ug/L	
W-1604	7/8/25	DUP	Chloroform		55	ug/L	
W-1604	7/8/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1604	7/8/25	DUP	Tetrachloroethene		86	ug/L	
W-1604	7/8/25	DUP	Trichloroethene		760	ug/L	D
W-1604	7/8/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1604	7/8/25	DUP	Trichlorotrifluoroethane		9	ug/L	
W-1604	7/8/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1604	7/8/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1604	7/8/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1604	11/18/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1604	11/18/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1604	11/18/25	RTN	1,1-Dichloroethane		1.7	ug/L	
W-1604	11/18/25	RTN	1,1-Dichloroethene		42	ug/L	
W-1604	11/18/25	RTN	1,2-Dichloroethane		7.7	ug/L	
W-1604	11/18/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1604	11/18/25	RTN	Bromoform	<	0.5	ug/L	
W-1604	11/18/25	RTN	Carbon tetrachloride		3.9	ug/L	
W-1604	11/18/25	RTN	Chloroform		61	ug/L	
W-1604	11/18/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1604	11/18/25	RTN	Tetrachloroethene		94	ug/L	
W-1604	11/18/25	RTN	Trichloroethene		750	ug/L	D
W-1604	11/18/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1604	11/18/25	RTN	Trichlorotrifluoroethane		9.1	ug/L	
W-1604	11/18/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1604	11/18/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1604	11/18/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1605	1/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1605	1/14/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1605	1/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	Bromoform	<	0.5	ug/L	
W-1605	1/14/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1605	1/14/25	RTN	Chloroform		5.2	ug/L	
W-1605	1/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	Tetrachloroethene		0.5	ug/L	
W-1605	1/14/25	RTN	Trichloroethene		7.4	ug/L	
W-1605	1/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1605	1/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1605	1/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1605	1/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1605	4/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1605	4/24/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	Bromoform	<	0.5	ug/L	
W-1605	4/24/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1605	4/24/25	RTN	Chloroform		3.8	ug/L	
W-1605	4/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1605	4/24/25	RTN	Trichloroethene		4.8	ug/L	
W-1605	4/24/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1605	4/24/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1605	4/24/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1605	4/24/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1605	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1605	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1605	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1605	7/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1605	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1605	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1605	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1605	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1605	7/8/25	RTN	Chloroform		3.1	ug/L	
W-1605	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1605	7/8/25	RTN	Tetrachloroethene		0.56	ug/L	
W-1605	7/8/25	RTN	Trichloroethene		5.1	ug/L	
W-1605	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1605	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1605	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1605	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1605	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1605	10/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1605	10/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	Bromoform		< 0.5	ug/L	
W-1605	10/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1605	10/20/25	RTN	Chloroform		2.6	ug/L	
W-1605	10/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1605	10/20/25	RTN	Trichloroethene		3.7	ug/L	
W-1605	10/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1605	10/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1605	10/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1605	10/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1605	10/20/25	RTN	Tritium		108	pCi/L	
W-1606	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	1,1-Dichloroethene		0.58	ug/L	
W-1606	3/3/25	RTN	1,2-Dichloroethane		0.87	ug/L	
W-1606	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1606	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1606	3/3/25	RTN	Chloroform		8.8	ug/L	
W-1606	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	Tetrachloroethene		2.2	ug/L	
W-1606	3/3/25	RTN	Trichloroethene		22	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1606	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1606	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1606	3/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1606	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1606	10/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1606	10/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1606	10/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1606	10/2/25	RTN	Chloroform		5.8	ug/L	
W-1606	10/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	Tetrachloroethene		0.54	ug/L	
W-1606	10/2/25	RTN	Trichloroethene		9.4	ug/L	
W-1606	10/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1606	10/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1606	10/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1606	10/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1606	10/2/25	RTN	Tritium		1330	pCi/L	
W-1606	10/2/25	DUP	Tritium		1250	pCi/L	
W-1607	4/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1607	4/21/25	RTN	1,2-Dichloroethane		0.68	ug/L	
W-1607	4/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1607	4/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1607	4/21/25	RTN	Chloroform		13	ug/L	
W-1607	4/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	Tetrachloroethene		2.3	ug/L	
W-1607	4/21/25	RTN	Trichloroethene		27	ug/L	
W-1607	4/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1607	4/21/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1607	4/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1607	4/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1607	10/1/25	RTN	Tritium		< 100	pCi/L	
W-1608	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	1,1-Dichloroethene		0.64	ug/L	
W-1608	1/14/25	RTN	1,2-Dichloroethane		0.62	ug/L	
W-1608	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1608	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1608	1/14/25	RTN	Chloroform		12	ug/L	
W-1608	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	Tetrachloroethene		2.9	ug/L	
W-1608	1/14/25	RTN	Trichloroethene		30	ug/L	
W-1608	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1608	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1608	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1608	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1608	4/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1608	4/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	Bromoform		< 0.5	ug/L	
W-1608	4/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1608	4/24/25	RTN	Chloroform		7.2	ug/L	
W-1608	4/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	Tetrachloroethene		1.8	ug/L	
W-1608	4/24/25	RTN	Trichloroethene		16	ug/L	
W-1608	4/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1608	4/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1608	4/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1608	4/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1608	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1608	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1608	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1608	7/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1608	7/8/25	RTN	1,2-Dichloroethane		0.5	ug/L	
W-1608	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1608	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1608	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1608	7/8/25	RTN	Chloroform		6.9	ug/L	
W-1608	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1608	7/8/25	RTN	Tetrachloroethene		1.9	ug/L	
W-1608	7/8/25	RTN	Trichloroethene		16	ug/L	
W-1608	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1608	7/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1608	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1608	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1608	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1608	10/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1608	10/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	Bromoform	<	0.5	ug/L	
W-1608	10/20/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1608	10/20/25	RTN	Chloroform		7.1	ug/L	
W-1608	10/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	Tetrachloroethene		2.4	ug/L	
W-1608	10/20/25	RTN	Trichloroethene		20	ug/L	
W-1608	10/20/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1608	10/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1608	10/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1608	10/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1608	10/20/25	RTN	Tritium		436	pCi/L	
W-1608	10/20/25	DUP	Tritium		435	pCi/L	
W-1609	1/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1609	1/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1609	1/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1609	1/14/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-1609	1/14/25	RTN	1,2-Dichloroethane		0.84	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1609	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1609	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-1609	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1609	1/14/25	RTN	Chloroform		18	ug/L	
W-1609	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1609	1/14/25	RTN	Tetrachloroethene		6.7	ug/L	
W-1609	1/14/25	RTN	Trichloroethene		60	ug/L	
W-1609	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1609	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1609	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1609	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	4/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1609	4/24/25	RTN	1,2-Dichloroethane		0.98	ug/L	
W-1609	4/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	Bromoform		< 0.5	ug/L	
W-1609	4/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1609	4/24/25	RTN	Chloroform		16	ug/L	
W-1609	4/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	Tetrachloroethene		7.7	ug/L	
W-1609	4/24/25	RTN	Trichloroethene		56	ug/L	
W-1609	4/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1609	4/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1609	4/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	4/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	7/10/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1609	7/10/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1609	7/10/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1609	7/10/25	DUP	1,1-Dichloroethene		1.4	ug/L	
W-1609	7/10/25	DUP	1,2-Dichloroethane		0.99	ug/L	
W-1609	7/10/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1609	7/10/25	DUP	Bromoform		< 0.5	ug/L	
W-1609	7/10/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1609	7/10/25	DUP	Chloroform		16	ug/L	
W-1609	7/10/25	DUP	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1609	7/10/25	DUP	Tetrachloroethene		5.5	ug/L	
W-1609	7/10/25	DUP	Trichloroethene		57	ug/L	
W-1609	7/10/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1609	7/10/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1609	7/10/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1609	7/10/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	7/10/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	1,1-Dichloroethene		1.3	ug/L	H
W-1609	7/10/25	RTN	1,2-Dichloroethane		0.89	ug/L	H
W-1609	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	Bromoform		< 0.5	ug/L	H
W-1609	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-1609	7/10/25	RTN	Chloroform		16	ug/L	H
W-1609	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	Tetrachloroethene		5.4	ug/L	H
W-1609	7/10/25	RTN	Trichloroethene		50	ug/L	H
W-1609	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
W-1609	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-1609	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-1609	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-1609	10/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-1609	10/20/25	RTN	1,2-Dichloroethane		0.75	ug/L	
W-1609	10/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	Bromoform		< 0.5	ug/L	
W-1609	10/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1609	10/20/25	RTN	Chloroform		14	ug/L	
W-1609	10/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	Tetrachloroethene		7.5	ug/L	
W-1609	10/20/25	RTN	Trichloroethene		56	ug/L	
W-1609	10/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1609	10/20/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1609	10/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	10/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1609	10/20/25	RTN	Tritium		< 100	pCi/L	
W-1610	1/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-1610	1/21/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-1610	1/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1610	1/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1610	1/21/25	RTN	Chloroform		30	ug/L	
W-1610	1/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	Tetrachloroethene		7.8	ug/L	
W-1610	1/21/25	RTN	Trichloroethene		84	ug/L	
W-1610	1/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1610	1/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1610	1/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1610	1/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1610	4/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1610	4/24/25	RTN	1,2-Dichloroethane		1	ug/L	
W-1610	4/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	Bromoform		< 0.5	ug/L	
W-1610	4/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1610	4/24/25	RTN	Chloroform		28	ug/L	
W-1610	4/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	Tetrachloroethene		6.8	ug/L	
W-1610	4/24/25	RTN	Trichloroethene		59	ug/L	
W-1610	4/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1610	4/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1610	4/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1610	4/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1610	7/31/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1610	7/31/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1610	7/31/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1610	7/31/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1610	7/31/25	RTN	1,2-Dichloroethane		0.93	ug/L	
W-1610	7/31/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1610	7/31/25	RTN	Bromoform	<	0.5	ug/L	
W-1610	7/31/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1610	7/31/25	RTN	Chloroform		27	ug/L	
W-1610	7/31/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1610	7/31/25	RTN	Tetrachloroethene		6.7	ug/L	
W-1610	7/31/25	RTN	Trichloroethene		66	ug/L	
W-1610	7/31/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1610	7/31/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1610	7/31/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1610	7/31/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1610	7/31/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1610	7/31/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	1,1-Dichloroethene		1.6	ug/L	
W-1610	7/31/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	Bromoform	<	0.5	ug/L	
W-1610	7/31/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1610	7/31/25	DUP	Chloroform		33	ug/L	
W-1610	7/31/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	Tetrachloroethene		6.7	ug/L	
W-1610	7/31/25	DUP	Trichloroethene		57	ug/L	D
W-1610	7/31/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1610	7/31/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1610	7/31/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1610	7/31/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1610	10/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1610	10/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1610	10/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1610	10/20/25	RTN	1,1-Dichloroethene		0.97	ug/L	
W-1610	10/20/25	RTN	1,2-Dichloroethane		0.92	ug/L	
W-1610	10/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1610	10/20/25	RTN	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1610	10/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1610	10/20/25	RTN	Chloroform		24	ug/L	
W-1610	10/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1610	10/20/25	RTN	Tetrachloroethene		7.4	ug/L	
W-1610	10/20/25	RTN	Trichloroethene		70	ug/L	
W-1610	10/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1610	10/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1610	10/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1610	10/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1610	10/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1610	10/20/25	RTN	Tritium		720	pCi/L	
W-1614	1/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1614	1/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	Bromoform		< 0.5	ug/L	
W-1614	1/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1614	1/27/25	RTN	Chloroform		< 0.5	ug/L	
W-1614	1/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1614	1/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1614	1/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1614	1/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1614	1/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1614	1/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1650	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1650	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1650	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1650	3/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1650	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1650	3/17/25	RTN	Trichloroethene		4.5	ug/L	
W-1650	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1650	3/17/25	RTN	Vinyl chloride		1.6	ug/L	
W-1650	3/17/25	RTN	cis-1,2-Dichloroethene		30	ug/L	
W-1650	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1650	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1650	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1650	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1650	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1650	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1650	6/17/25	RTN	Trichloroethene		4.2	ug/L	
W-1650	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1650	6/17/25	RTN	Vinyl chloride		1.7	ug/L	
W-1650	6/17/25	RTN	cis-1,2-Dichloroethene		26	ug/L	
W-1650	6/17/25	RTN	trans-1,2-Dichloroethene		0.61	ug/L	
W-1650	8/21/25	RTN	Chromium		< 0.005	mg/L	D
W-1650	8/21/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1650	8/21/25	RTN	Lead		< 0.025	mg/L	D
W-1650	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1650	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1650	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1650	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1650	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1650	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1650	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1650	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1650	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1650	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1650	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1650	8/21/25	RTN	Trichloroethene		4.5	ug/L	
W-1650	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1650	8/21/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1650	8/21/25	RTN	Vinyl chloride		1.7	ug/L	
W-1650	8/21/25	RTN	cis-1,2-Dichloroethene		33	ug/L	
W-1650	8/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1650	10/23/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1650	10/23/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	Bromoform	<	0.5	ug/L	
W-1650	10/23/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1650	10/23/25	RTN	Chloroform	<	0.5	ug/L	
W-1650	10/23/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1650	10/23/25	RTN	Trichloroethene		6.8	ug/L	
W-1650	10/23/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1650	10/23/25	RTN	Vinyl chloride		3.2	ug/L	
W-1650	10/23/25	RTN	cis-1,2-Dichloroethene		37	ug/L	
W-1650	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1651	3/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1651	3/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	Bromoform	<	0.5	ug/L	
W-1651	3/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1651	3/17/25	RTN	Chloroform	<	0.5	ug/L	
W-1651	3/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1651	3/17/25	RTN	Trichloroethene		38	ug/L	
W-1651	3/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1651	3/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1651	3/17/25	RTN	cis-1,2-Dichloroethene		5.9	ug/L	
W-1651	3/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1651	6/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1651	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1651	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1651	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1651	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1651	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1651	6/17/25	RTN	Trichloroethene		38	ug/L	
W-1651	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1651	6/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1651	6/17/25	RTN	cis-1,2-Dichloroethene		6	ug/L	
W-1651	6/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1651	8/21/25	RTN	Chromium		< 0.005	mg/L	D
W-1651	8/21/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1651	8/21/25	RTN	Lead		< 0.025	mg/L	D
W-1651	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1651	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1651	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1651	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1651	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1651	8/21/25	RTN	Trichloroethene		31	ug/L	
W-1651	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1651	8/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1651	8/21/25	RTN	cis-1,2-Dichloroethene		4.6	ug/L	
W-1651	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1651	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1651	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1651	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1651	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1651	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1651	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1651	10/23/25	RTN	Trichloroethene		36	ug/L	
W-1651	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1651	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1651	10/23/25	RTN	cis-1,2-Dichloroethene		5.6	ug/L	
W-1651	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1652	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1652	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1652	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1652	3/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1652	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1652	3/17/25	RTN	Trichloroethene		0.79	ug/L	
W-1652	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1652	3/17/25	RTN	Vinyl chloride		33	ug/L	
W-1652	3/17/25	RTN	cis-1,2-Dichloroethene		9.5	ug/L	
W-1652	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1652	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1652	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1652	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1652	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1652	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1652	6/17/25	RTN	Trichloroethene		4.6	ug/L	
W-1652	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1652	6/17/25	RTN	Vinyl chloride		37	ug/L	
W-1652	6/17/25	RTN	cis-1,2-Dichloroethene		12	ug/L	
W-1652	6/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1652	8/21/25	RTN	Chromium		< 0.005	mg/L	D
W-1652	8/21/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1652	8/21/25	RTN	Lead		< 0.025	mg/L	D
W-1652	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1652	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1652	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1652	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1652	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1652	8/21/25	RTN	Trichloroethene		17	ug/L	
W-1652	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1652	8/21/25	RTN	Vinyl chloride		58	ug/L	
W-1652	8/21/25	RTN	cis-1,2-Dichloroethene		24	ug/L	
W-1652	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1652	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1652	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1652	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1652	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1652	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1652	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1652	10/23/25	RTN	Trichloroethene		24	ug/L	
W-1652	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1652	10/23/25	RTN	Vinyl chloride		45	ug/L	
W-1652	10/23/25	RTN	cis-1,2-Dichloroethene		23	ug/L	
W-1652	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1653	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1653	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1653	3/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1653	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1653	3/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1653	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1653	3/17/25	RTN	Vinyl chloride		0.5	ug/L	
W-1653	3/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1653	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1653	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1653	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1653	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1653	6/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1653	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1653	6/17/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1653	6/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	6/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	8/21/25	RTN	Chromium		< 0.005	mg/L	D
W-1653	8/21/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1653	8/21/25	RTN	Lead		< 0.025	mg/L	D
W-1653	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1653	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1653	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1653	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1653	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1653	8/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1653	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1653	8/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1653	8/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1653	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1653	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1653	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1653	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1653	10/23/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1653	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1653	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1653	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1653	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1654	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1654	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1654	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1654	3/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1654	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1654	3/17/25	RTN	Trichloroethene		0.9	ug/L	
W-1654	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1654	3/17/25	RTN	Vinyl chloride		0.62	ug/L	
W-1654	3/17/25	RTN	cis-1,2-Dichloroethene		1.8	ug/L	
W-1654	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1654	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1654	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1654	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1654	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1654	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1654	6/17/25	RTN	Trichloroethene		0.69	ug/L	
W-1654	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1654	6/17/25	RTN	Vinyl chloride		0.56	ug/L	
W-1654	6/17/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-1654	6/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1654	8/21/25	RTN	Chromium		0.017	mg/L	D
W-1654	8/21/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1654	8/21/25	RTN	Lead		< 0.025	mg/L	D
W-1654	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1654	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1654	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1654	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1654	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1654	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1654	8/21/25	RTN	Trichloroethene		0.77	ug/L	
W-1654	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1654	8/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1654	8/21/25	RTN	cis-1,2-Dichloroethene		1.5	ug/L	
W-1654	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1654	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1654	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1654	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1654	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1654	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1654	10/23/25	RTN	Trichloroethene		0.86	ug/L	
W-1654	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1654	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1654	10/23/25	RTN	cis-1,2-Dichloroethene		1.5	ug/L	
W-1654	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1655	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1655	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1655	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1655	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1655	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1655	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1655	3/17/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1655	3/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1655	3/17/25	RTN	Chloroform	<	0.5	ug/L	
W-1655	3/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1655	3/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1655	3/17/25	RTN	Trichloroethene		1.8	ug/L	
W-1655	3/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1655	3/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1655	3/17/25	RTN	Vinyl chloride		1.2	ug/L	
W-1655	3/17/25	RTN	cis-1,2-Dichloroethene		26	ug/L	
W-1655	3/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1655	6/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1655	6/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	Bromoform	<	0.5	ug/L	
W-1655	6/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1655	6/17/25	RTN	Chloroform	<	0.5	ug/L	
W-1655	6/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1655	6/17/25	RTN	Trichloroethene		2.1	ug/L	
W-1655	6/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1655	6/17/25	RTN	Vinyl chloride		1	ug/L	
W-1655	6/17/25	RTN	cis-1,2-Dichloroethene		22	ug/L	
W-1655	6/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1655	8/21/25	RTN	Chromium	<	0.005	mg/L	D
W-1655	8/21/25	RTN	Hexavalent Chromium	<	0.002	mg/L	
W-1655	8/21/25	RTN	Lead	<	0.025	mg/L	D
W-1655	8/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1655	8/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1655	8/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1655	8/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1655	8/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1655	8/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1655	8/21/25	RTN	Bromoform	<	0.5	ug/L	
W-1655	8/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1655	8/21/25	RTN	Chloroform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1655	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1655	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1655	8/21/25	RTN	Trichloroethene		1.4	ug/L	
W-1655	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1655	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1655	8/21/25	RTN	Vinyl chloride		0.87	ug/L	
W-1655	8/21/25	RTN	cis-1,2-Dichloroethene		23	ug/L	
W-1655	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1655	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1655	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1655	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1655	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1655	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1655	10/23/25	RTN	Trichloroethene		2	ug/L	
W-1655	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1655	10/23/25	RTN	Vinyl chloride		0.85	ug/L	
W-1655	10/23/25	RTN	cis-1,2-Dichloroethene		23	ug/L	
W-1655	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1656	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1656	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1656	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1656	3/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1656	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1656	3/17/25	RTN	Trichloroethene		2.1	ug/L	
W-1656	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1656	3/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1656	3/17/25	RTN	Vinyl chloride		0.57	ug/L	
W-1656	3/17/25	RTN	cis-1,2-Dichloroethene		7.9	ug/L	
W-1656	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1656	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1656	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1656	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1656	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1656	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1656	6/17/25	RTN	Trichloroethene		1.8	ug/L	
W-1656	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1656	6/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1656	6/17/25	RTN	cis-1,2-Dichloroethene		6.8	ug/L	
W-1656	6/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1656	8/21/25	RTN	Chromium		< 0.005	mg/L	D
W-1656	8/21/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-1656	8/21/25	RTN	Lead		< 0.025	mg/L	D
W-1656	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1656	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-1656	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1656	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-1656	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1656	8/21/25	RTN	Trichloroethene		1.6	ug/L	
W-1656	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1656	8/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1656	8/21/25	RTN	cis-1,2-Dichloroethene		6.7	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1656	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1656	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1656	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1656	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1656	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1656	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1656	10/23/25	RTN	Trichloroethene		2.1	ug/L	
W-1656	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1656	10/23/25	RTN	Vinyl chloride		0.55	ug/L	
W-1656	10/23/25	RTN	cis-1,2-Dichloroethene		8.7	ug/L	
W-1656	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1657	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1657	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1657	3/17/25	RTN	Carbon tetrachloride		3.9	ug/L	
W-1657	3/17/25	RTN	Chloroform		6.8	ug/L	
W-1657	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1657	3/17/25	RTN	Trichloroethene		1000	ug/L	D
W-1657	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1657	3/17/25	RTN	Trichlorotrifluoroethane		1.8	ug/L	
W-1657	3/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1657	3/17/25	RTN	cis-1,2-Dichloroethene		6.4	ug/L	
W-1657	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1657	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1657	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1657	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1657	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1657	6/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1657	6/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1657	6/17/25	RTN	Bromoform	<	0.5	ug/L	
W-1657	6/17/25	RTN	Carbon tetrachloride		3.5	ug/L	
W-1657	6/17/25	RTN	Chloroform		6.5	ug/L	
W-1657	6/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1657	6/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1657	6/17/25	RTN	Trichloroethene		940	ug/L	D
W-1657	6/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1657	6/17/25	RTN	Trichlorotrifluoroethane		1.9	ug/L	
W-1657	6/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1657	6/17/25	RTN	cis-1,2-Dichloroethene		2.1	ug/L	
W-1657	6/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1657	8/21/25	RTN	Chromium	<	0.005	mg/L	D
W-1657	8/21/25	RTN	Hexavalent Chromium	<	0.002	mg/L	
W-1657	8/21/25	RTN	Lead	<	0.025	mg/L	D
W-1657	8/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1657	8/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	Bromoform	<	0.5	ug/L	
W-1657	8/21/25	RTN	Carbon tetrachloride		2.2	ug/L	
W-1657	8/21/25	RTN	Chloroform		5.3	ug/L	
W-1657	8/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1657	8/21/25	RTN	Trichloroethene		730	ug/L	D
W-1657	8/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1657	8/21/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-1657	8/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1657	8/21/25	RTN	cis-1,2-Dichloroethene		3.3	ug/L	
W-1657	8/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1657	12/11/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1657	12/11/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1657	12/11/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1657	12/11/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1657	12/11/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1657	12/11/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1657	12/11/25	RTN	Bromoform		< 0.5	ug/L	
W-1657	12/11/25	RTN	Carbon tetrachloride		2.6	ug/L	
W-1657	12/11/25	RTN	Chloroform		6.8	ug/L	
W-1657	12/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1657	12/11/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1657	12/11/25	RTN	Trichloroethene		790	ug/L	D
W-1657	12/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1657	12/11/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1657	12/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1657	12/11/25	RTN	cis-1,2-Dichloroethene		3.5	ug/L	
W-1657	12/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1701	1/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1701	1/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	Bromoform		< 0.5	ug/L	
W-1701	1/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1701	1/27/25	RTN	Chloroform		< 0.5	ug/L	
W-1701	1/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1701	1/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1701	1/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1701	1/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1701	1/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1701	1/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1703	2/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1703	2/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	Bromoform		< 0.5	ug/L	
W-1703	2/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1703	2/20/25	RTN	Chloroform		< 0.5	ug/L	
W-1703	2/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1703	2/20/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1703	2/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1703	2/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1703	2/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1703	2/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	Chloroform		1.1	ug/L	
W-1705-2	3/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	E
W-1705-2	3/17/25	RTN	Trichloroethene		72	ug/L	
W-1705-2	3/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1705-2	3/17/25	RTN	Trichlorotrifluoroethane		1.9	ug/L	
W-1705-2	3/17/25	RTN	Vinyl chloride		1	ug/L	
W-1705-2	3/17/25	RTN	cis-1,2-Dichloroethene		1.3	ug/L	
W-1705-2	3/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	Bromoform		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	Chloroform		0.95	ug/L	
W-1705-2	4/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	Tetrachloroethene		0.51	ug/L	
W-1705-2	4/29/25	RTN	Trichloroethene		69	ug/L	
W-1705-2	4/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	Trichlorotrifluoroethane		1.6	ug/L	
W-1705-2	4/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1705-2	4/29/25	RTN	cis-1,2-Dichloroethene		1.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1705-2	4/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Bromoform		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Chloroform		1	ug/L	
W-1705-2	4/29/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Trichloroethene		70	ug/L	
W-1705-2	4/29/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	Trichlorotrifluoroethane		1.5	ug/L	
W-1705-2	4/29/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1705-2	4/29/25	DUP	cis-1,2-Dichloroethene		1.2	ug/L	
W-1705-2	4/29/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	E
W-1705-2	12/11/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	Bromoform		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	Chloroform		0.73	ug/L	
W-1705-2	12/11/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	Tetrachloroethene		< 0.5	ug/L	E
W-1705-2	12/11/25	DUP	Trichloroethene		54	ug/L	
W-1705-2	12/11/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	Trichlorotrifluoroethane		0.72	ug/L	
W-1705-2	12/11/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1705-2	12/11/25	DUP	cis-1,2-Dichloroethene		0.93	ug/L	
W-1705-2	12/11/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1705-2	12/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1705-2	12/11/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	E

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1705-2	12/11/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	Bromoform	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	Chloroform		0.78	ug/L	
W-1705-2	12/11/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	Tetrachloroethene	<	0.5	ug/L	E
W-1705-2	12/11/25	RTN	Trichloroethene		56	ug/L	
W-1705-2	12/11/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	Trichlorotrifluoroethane		0.8	ug/L	
W-1705-2	12/11/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1705-2	12/11/25	RTN	cis-1,2-Dichloroethene		0.86	ug/L	
W-1705-2	12/11/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Bromoform	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Chloroform	<	0.5	ug/L	E
W-1705-3	3/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Trichloroethene		5.5	ug/L	
W-1705-3	3/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	E
W-1705-3	3/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1705-3	3/17/25	RTN	cis-1,2-Dichloroethene		2.7	ug/L	
W-1705-3	3/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	Bromoform	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1705-3	4/29/25	RTN	Chloroform	<	0.5	ug/L	E

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1705-3	4/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1705-3	4/29/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1705-3	4/29/25	RTN	Trichloroethene		5.1	ug/L	
W-1705-3	4/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1705-3	4/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	E
W-1705-3	4/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1705-3	4/29/25	RTN	cis-1,2-Dichloroethene		2.5	ug/L	
W-1705-3	4/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1801	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1801	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1801	1/6/25	RTN	Chloroform		1.2	ug/L	
W-1801	1/6/25	RTN	Chromium		0.0022	mg/L	
W-1801	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	Tetrachloroethene		0.93	ug/L	
W-1801	1/6/25	RTN	Trichloroethene		12	ug/L	
W-1801	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1801	1/6/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1801	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1801	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	1/6/25	RTN	Tritium		< 100	pCi/L	
W-1801	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1801	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1801	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1801	4/7/25	RTN	Chloroform		1.3	ug/L	
W-1801	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	Tetrachloroethene		0.77	ug/L	
W-1801	4/7/25	RTN	Trichloroethene		11	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1801	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1801	4/7/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-1801	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1801	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	4/7/25	RTN	Tritium		1100	pCi/L	
W-1801	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1801	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1801	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1801	7/8/25	RTN	Chloroform		1.4	ug/L	
W-1801	7/8/25	RTN	Chromium		< 0.001	mg/L	
W-1801	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	Tetrachloroethene		0.9	ug/L	
W-1801	7/8/25	RTN	Trichloroethene		10	ug/L	
W-1801	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1801	7/8/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-1801	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1801	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	7/8/25	RTN	Tritium		< 100	pCi/L	
W-1801	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1801	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1801	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1801	10/7/25	RTN	Chloroform		1.8	ug/L	
W-1801	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	Tetrachloroethene		1	ug/L	
W-1801	10/7/25	RTN	Trichloroethene		11	ug/L	
W-1801	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1801	10/7/25	RTN	Trichlorotrifluoroethane		1.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1801	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1801	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1801	10/7/25	RTN	Tritium		< 100	pCi/L	
W-1802	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1802	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1802	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1802	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1802	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1802	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1802	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-1802	1/15/25	RTN	Carbon tetrachloride		0.58	ug/L	
W-1802	1/15/25	RTN	Chloroform		3.5	ug/L	
W-1802	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1802	1/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1802	1/15/25	RTN	Trichloroethene		5.9	ug/L	
W-1802	1/15/25	RTN	Trichlorofluoromethane		23	ug/L	
W-1802	1/15/25	RTN	Trichlorotrifluoroethane		0.58	ug/L	
W-1802	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1802	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1802	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1802	4/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1802	4/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1802	4/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1802	4/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1802	4/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1802	4/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1802	4/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1802	4/1/25	RTN	Carbon tetrachloride		0.55	ug/L	
W-1802	4/1/25	RTN	Chloroform		3.2	ug/L	
W-1802	4/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1802	4/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1802	4/1/25	RTN	Trichloroethene		5.2	ug/L	
W-1802	4/1/25	RTN	Trichlorofluoromethane		19	ug/L	
W-1802	4/1/25	RTN	Trichlorotrifluoroethane		0.51	ug/L	
W-1802	4/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1802	4/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1802	4/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1802	8/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1802	8/6/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1802	8/6/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1802	8/6/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1802	8/6/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1802	8/6/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1802	8/6/25	RTN	Bromoform	<	0.5	ug/L	
W-1802	8/6/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1802	8/6/25	RTN	Chloroform		2.6	ug/L	
W-1802	8/6/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1802	8/6/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1802	8/6/25	RTN	Trichloroethene		4.1	ug/L	
W-1802	8/6/25	RTN	Trichlorofluoromethane		15	ug/L	
W-1802	8/6/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1802	8/6/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1802	8/6/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1802	8/6/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1802	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1802	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1802	10/7/25	RTN	Carbon tetrachloride		0.56	ug/L	
W-1802	10/7/25	RTN	Chloroform		2.9	ug/L	
W-1802	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1802	10/7/25	RTN	Trichloroethene		4.9	ug/L	
W-1802	10/7/25	RTN	Trichlorofluoromethane		18	ug/L	
W-1802	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1802	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1802	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1802	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1803-1	7/23/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1803-1	7/23/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1803-1	7/23/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1803-1	7/23/25	RTN	1,1-Dichloroethene		5.2	ug/L	
W-1803-1	7/23/25	RTN	1,2-Dichloroethane		1.8	ug/L	
W-1803-1	7/23/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1803-1	7/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1803-1	7/23/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-1803-1	7/23/25	RTN	Chloroform		1.8	ug/L	
W-1803-1	7/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1803-1	7/23/25	RTN	Tetrachloroethene		9	ug/L	
W-1803-1	7/23/25	RTN	Trichloroethene		80	ug/L	
W-1803-1	7/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1803-1	7/23/25	RTN	Trichlorotrifluoroethane		0.85	ug/L	
W-1803-1	7/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1803-1	7/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1803-1	7/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	1,1-Dichloroethene		4.7	ug/L	
W-1803-1	7/23/25	DUP	1,2-Dichloroethane		1.6	ug/L	
W-1803-1	7/23/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	Bromoform		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	Carbon tetrachloride		1.3	ug/L	
W-1803-1	7/23/25	DUP	Chloroform		1.7	ug/L	
W-1803-1	7/23/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	Tetrachloroethene		8.3	ug/L	
W-1803-1	7/23/25	DUP	Trichloroethene		75	ug/L	
W-1803-1	7/23/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	Trichlorotrifluoroethane		0.75	ug/L	
W-1803-1	7/23/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1803-1	7/23/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	1,1-Dichloroethene		0.79	ug/L	
W-1803-2	7/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Bromoform		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Chloroform		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Tetrachloroethene		1.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1803-2	7/23/25	RTN	Trichloroethene		8.6	ug/L	
W-1803-2	7/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1803-2	7/23/25	RTN	trans-1,2-Dichloroethene		0.86	ug/L	
W-1804-1	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Tetrachloroethene		1.2	ug/L	
W-1804-1	7/10/25	RTN	Trichloroethene		6.6	ug/L	
W-1804-1	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1804-1	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1804-2	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	1,1-Dichloroethane		1	ug/L	H
W-1804-2	1/7/25	RTN	1,1-Dichloroethene		34	ug/L	H
W-1804-2	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Bromoform		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Chloroform		< 0.5	ug/L	EH
W-1804-2	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Tetrachloroethene		16	ug/L	H
W-1804-2	1/7/25	RTN	Trichloroethene		73	ug/L	H
W-1804-2	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-1804-2	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1804-2	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	1,1-Dichloroethene		2.4	ug/L	H
W-1804-2	4/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Bromoform		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Chloroform		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Tetrachloroethene		2.6	ug/L	H
W-1804-2	4/16/25	RTN	Trichloroethene		12	ug/L	H
W-1804-2	4/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-1804-2	4/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-1804-2	4/16/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	L
W-1804-2	4/16/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	1,1-Dichloroethene		2.5	ug/L	
W-1804-2	4/16/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	Bromoform		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	Carbon tetrachloride		< 0.5	ug/L	L
W-1804-2	4/16/25	DUP	Chloroform		< 0.5	ug/L	L
W-1804-2	4/16/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	Tetrachloroethene		2.9	ug/L	
W-1804-2	4/16/25	DUP	Trichloroethene		13	ug/L	
W-1804-2	4/16/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1804-2	4/16/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	L
W-1804-2	4/16/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	1,1-Dichloroethene		11	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1804-2	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Tetrachloroethene		6.1	ug/L	
W-1804-2	7/10/25	RTN	Trichloroethene		26	ug/L	
W-1804-2	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1804-2	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	1,1-Dichloroethane		0.88	ug/L	
W-1804-2	10/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Bromoform		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Chloroform		< 0.5	ug/L	E
W-1804-2	10/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Tetrachloroethene		14	ug/L	
W-1804-2	10/2/25	RTN	Trichloroethene		68	ug/L	
W-1804-2	10/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1804-2	10/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1805	11/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1805	11/19/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	Bromoform		< 0.5	ug/L	
W-1805	11/19/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1805	11/19/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1805	11/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	Tetrachloroethene		0.81	ug/L	
W-1805	11/19/25	RTN	Trichloroethene		< 0.5	ug/L	
W-1805	11/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1805	11/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1805	11/19/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1805	11/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1806	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1806	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1806	1/6/25	RTN	Chloroform		0.9	ug/L	
W-1806	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	Tetrachloroethene		13	ug/L	
W-1806	1/6/25	RTN	Trichloroethene		4.2	ug/L	
W-1806	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1806	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1806	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	4/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1806	4/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1806	4/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1806	4/3/25	RTN	Chloroform		0.87	ug/L	
W-1806	4/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	Tetrachloroethene		12	ug/L	
W-1806	4/3/25	RTN	Trichloroethene		3.7	ug/L	
W-1806	4/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1806	4/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1806	4/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1806	4/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	4/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1806	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1806	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1806	7/8/25	RTN	Chloroform		0.73	ug/L	
W-1806	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	Tetrachloroethene		12	ug/L	
W-1806	7/8/25	RTN	Trichloroethene		3.2	ug/L	
W-1806	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1806	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1806	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1806	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1806	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1806	10/7/25	RTN	Chloroform		0.79	ug/L	
W-1806	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	Tetrachloroethene		12	ug/L	
W-1806	10/7/25	RTN	Trichloroethene		3.8	ug/L	
W-1806	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1806	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1806	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1806	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1807	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1807	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1807	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1807	1/6/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-1807	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1807	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1807	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-1807	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1807	1/6/25	RTN	Chloroform		1.2	ug/L	
W-1807	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1807	1/6/25	RTN	Tetrachloroethene		20	ug/L	
W-1807	1/6/25	RTN	Trichloroethene		5	ug/L	
W-1807	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1807	1/6/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-1807	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1807	1/6/25	RTN	cis-1,2-Dichloroethene		0.63	ug/L	
W-1807	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1807	4/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-1807	4/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	Bromoform		< 0.5	ug/L	
W-1807	4/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1807	4/3/25	RTN	Chloroform		0.99	ug/L	
W-1807	4/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	Tetrachloroethene		17	ug/L	
W-1807	4/3/25	RTN	Trichloroethene		3.9	ug/L	
W-1807	4/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1807	4/3/25	RTN	Trichlorotrifluoroethane		0.68	ug/L	
W-1807	4/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1807	4/3/25	RTN	cis-1,2-Dichloroethene		0.63	ug/L	
W-1807	4/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1807	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1807	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1807	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1807	7/8/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1807	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1807	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1807	7/8/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1807	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1807	7/8/25	RTN	Chloroform		1.3	ug/L	
W-1807	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1807	7/8/25	RTN	Tetrachloroethene		23	ug/L	
W-1807	7/8/25	RTN	Trichloroethene		5	ug/L	
W-1807	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1807	7/8/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-1807	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1807	7/8/25	RTN	cis-1,2-Dichloroethene		0.75	ug/L	
W-1807	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1807	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-1807	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1807	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1807	10/7/25	RTN	Chloroform		1.3	ug/L	
W-1807	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	Tetrachloroethene		24	ug/L	
W-1807	10/7/25	RTN	Trichloroethene		5.3	ug/L	
W-1807	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1807	10/7/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-1807	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1807	10/7/25	RTN	cis-1,2-Dichloroethene		0.82	ug/L	
W-1807	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Bromoform	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Chloroform	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1901-1	4/22/25	RTN	Trichloroethene		1.1	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1901-1	4/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1901-1	4/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1901-1	4/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1901-1	4/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1901-1	4/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Bromoform		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Chloroform		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Trichloroethene		1	ug/L	
W-1901-1	11/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1901-1	11/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	1,1-Dichloroethene		1.6	ug/L	L
W-1901-2	9/16/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Bromoform		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Chloroform		1.2	ug/L	
W-1901-2	9/16/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Tetrachloroethene		5.5	ug/L	
W-1901-2	9/16/25	DUP	Trichloroethene		4	ug/L	
W-1901-2	9/16/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1901-2	9/16/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1901-2	9/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	1,1-Dichloroethene		1.9	ug/L	L
W-1901-2	9/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Bromoform	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Chloroform		1.3	ug/L	
W-1901-2	9/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Tetrachloroethene		5.4	ug/L	
W-1901-2	9/16/25	RTN	Trichloroethene		4.2	ug/L	
W-1901-2	9/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1901-2	9/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	1/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1902	1/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	Bromoform	<	0.5	ug/L	
W-1902	1/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1902	1/15/25	RTN	Chloroform		2.3	ug/L	
W-1902	1/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1902	1/15/25	RTN	Trichloroethene		1.3	ug/L	
W-1902	1/15/25	RTN	Trichlorofluoromethane		18	ug/L	
W-1902	1/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1902	1/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1902	1/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	1/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	4/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1902	4/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1902	4/1/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1902	4/1/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1902	4/1/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1902	4/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1902	4/1/25	RTN	Bromoform	<	0.5	ug/L	
W-1902	4/1/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1902	4/1/25	RTN	Chloroform		1.2	ug/L	
W-1902	4/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1902	4/1/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1902	4/1/25	RTN	Trichloroethene		0.69	ug/L	
W-1902	4/1/25	RTN	Trichlorofluoromethane		8.4	ug/L	
W-1902	4/1/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1902	4/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1902	4/1/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	4/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	8/6/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1902	8/6/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	Bromoform	<	0.5	ug/L	
W-1902	8/6/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1902	8/6/25	RTN	Chloroform		1.7	ug/L	
W-1902	8/6/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1902	8/6/25	RTN	Trichloroethene		0.78	ug/L	
W-1902	8/6/25	RTN	Trichlorofluoromethane		12	ug/L	
W-1902	8/6/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1902	8/6/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1902	8/6/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	8/6/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1902	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1902	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1902	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-1902	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1902	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1902	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-1902	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1902	10/7/25	RTN	Chloroform		1.3	ug/L	
W-1902	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1902	10/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-1902	10/7/25	RTN	Trichloroethene		0.66	ug/L	
W-1902	10/7/25	RTN	Trichlorofluoromethane		8.4	ug/L	
W-1902	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1902	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1902	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1902	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1903	1/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-1903	1/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	Bromoform	<	0.5	ug/L	
W-1903	1/22/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1903	1/22/25	RTN	Chloroform	<	0.5	ug/L	
W-1903	1/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	Tetrachloroethene		5.1	ug/L	
W-1903	1/22/25	RTN	Trichloroethene		6.6	ug/L	
W-1903	1/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1903	1/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1903	1/22/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1903	1/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1903	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-1903	4/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	Bromoform	<	0.5	ug/L	
W-1903	4/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1903	4/8/25	RTN	Chloroform	<	0.5	ug/L	
W-1903	4/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	Tetrachloroethene		4.4	ug/L	
W-1903	4/8/25	RTN	Trichloroethene		6.2	ug/L	
W-1903	4/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1903	4/8/25	RTN	Vinyl chloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1903	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1903	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1903	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-1903	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1903	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1903	7/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1903	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	Tetrachloroethene		4.6	ug/L	
W-1903	7/8/25	RTN	Trichloroethene		5.9	ug/L	
W-1903	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1903	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1903	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1903	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1903	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-1903	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1903	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1903	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1903	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	Tetrachloroethene		4.3	ug/L	
W-1903	10/8/25	RTN	Trichloroethene		6.1	ug/L	
W-1903	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1903	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1903	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1903	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1904	1/7/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-1904	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1904	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1904	1/7/25	RTN	Chloroform		< 0.5	ug/L	
W-1904	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	Tetrachloroethene		21	ug/L	
W-1904	1/7/25	RTN	Trichloroethene		6.3	ug/L	
W-1904	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1904	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1904	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-1904	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-1904	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1904	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-1904	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	Tetrachloroethene		7.1	ug/L	
W-1904	4/7/25	RTN	Trichloroethene		2.7	ug/L	
W-1904	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1904	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1904	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-1904	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1904	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1904	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-1904	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	Tetrachloroethene		18	ug/L	
W-1904	7/10/25	RTN	Trichloroethene		5.1	ug/L	
W-1904	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1904	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1904	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-1904	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-1904	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1904	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-1904	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	Tetrachloroethene		15	ug/L	
W-1904	10/8/25	RTN	Trichloroethene		5	ug/L	
W-1904	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1904	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1904	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1904	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	1,1-Dichloroethane		1.5	ug/L	
W-1905-1	1/13/25	DUP	1,1-Dichloroethene		16	ug/L	
W-1905-1	1/13/25	DUP	1,2-Dichloroethane		4.4	ug/L	
W-1905-1	1/13/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	Bromoform		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	Chloroform		1.4	ug/L	
W-1905-1	1/13/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	Tetrachloroethene		26	ug/L	
W-1905-1	1/13/25	DUP	Trichloroethene		200	ug/L	D
W-1905-1	1/13/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1905-1	1/13/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1905-1	1/13/25	DUP	cis-1,2-Dichloroethene		1.6	ug/L	
W-1905-1	1/13/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	1,1-Dichloroethane		1.4	ug/L	
W-1905-1	1/13/25	RTN	1,1-Dichloroethene		15	ug/L	
W-1905-1	1/13/25	RTN	1,2-Dichloroethane		3.8	ug/L	
W-1905-1	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	Chloroform		1.6	ug/L	
W-1905-1	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	Tetrachloroethene		26	ug/L	
W-1905-1	1/13/25	RTN	Trichloroethene		240	ug/L	D
W-1905-1	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1905-1	1/13/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-1905-1	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	1,1-Dichloroethane		1.4	ug/L	
W-1905-1	4/16/25	RTN	1,1-Dichloroethene		14	ug/L	
W-1905-1	4/16/25	RTN	1,2-Dichloroethane		3.2	ug/L	
W-1905-1	4/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	Chloroform		1.5	ug/L	
W-1905-1	4/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	Tetrachloroethene		22	ug/L	
W-1905-1	4/16/25	RTN	Trichloroethene		200	ug/L	D
W-1905-1	4/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1905-1	4/16/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-1905-1	4/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1905-1	7/10/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	1,1-Dichloroethane		1.2	ug/L	
W-1905-1	7/10/25	DUP	1,1-Dichloroethene		12	ug/L	
W-1905-1	7/10/25	DUP	1,2-Dichloroethane		3.2	ug/L	
W-1905-1	7/10/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	Bromoform		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	Chloroform		1.5	ug/L	
W-1905-1	7/10/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	Tetrachloroethene		22	ug/L	
W-1905-1	7/10/25	DUP	Trichloroethene		190	ug/L	D
W-1905-1	7/10/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1905-1	7/10/25	DUP	cis-1,2-Dichloroethene		1.4	ug/L	
W-1905-1	7/10/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	1,1-Dichloroethane		1.2	ug/L	
W-1905-1	7/10/25	RTN	1,1-Dichloroethene		12	ug/L	
W-1905-1	7/10/25	RTN	1,2-Dichloroethane		3.1	ug/L	
W-1905-1	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	Chloroform		1.5	ug/L	
W-1905-1	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	Tetrachloroethene		23	ug/L	
W-1905-1	7/10/25	RTN	Trichloroethene		180	ug/L	D
W-1905-1	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1905-1	7/10/25	RTN	cis-1,2-Dichloroethene		1.4	ug/L	
W-1905-1	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-1	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-1	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-1	12/1/25	RTN	1,1-Dichloroethane		1.2	ug/L	
W-1905-1	12/1/25	RTN	1,1-Dichloroethene		15	ug/L	
W-1905-1	12/1/25	RTN	1,2-Dichloroethane		3.5	ug/L	
W-1905-1	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1905-1	12/1/25	RTN	Bromoform	<	0.5	ug/L	
W-1905-1	12/1/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1905-1	12/1/25	RTN	Chloroform		1.8	ug/L	
W-1905-1	12/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1905-1	12/1/25	RTN	Tetrachloroethene		30	ug/L	
W-1905-1	12/1/25	RTN	Trichloroethene		170	ug/L	D
W-1905-1	12/1/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1905-1	12/1/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1905-1	12/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1905-1	12/1/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-1905-1	12/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	1,1-Dichloroethane		1.4	ug/L	
W-1905-1	12/1/25	DUP	1,1-Dichloroethene		15	ug/L	
W-1905-1	12/1/25	DUP	1,2-Dichloroethane		3.3	ug/L	
W-1905-1	12/1/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	Bromoform	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	Chloroform		1.8	ug/L	
W-1905-1	12/1/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	Tetrachloroethene		26	ug/L	
W-1905-1	12/1/25	DUP	Trichloroethene		167	ug/L	D
W-1905-1	12/1/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1905-1	12/1/25	DUP	cis-1,2-Dichloroethene		1.5	ug/L	
W-1905-1	12/1/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-1905-2	1/13/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	Bromoform	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	Chloroform	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1905-2	1/13/25	RTN	Tetrachloroethene		4.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1905-2	1/13/25	RTN	Trichloroethene		29	ug/L	
W-1905-2	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-2	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-2	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1905-2	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-2	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	1,1-Dichloroethene		1.7	ug/L	
W-1905-2	1/13/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Bromoform		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Chloroform		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Tetrachloroethene		5.1	ug/L	
W-1905-2	1/13/25	DUP	Trichloroethene		33	ug/L	
W-1905-2	1/13/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-2	1/13/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	1,1-Dichloroethene		2.9	ug/L	
W-1905-2	4/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Bromoform		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Chloroform		0.6	ug/L	
W-1905-2	4/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Tetrachloroethene		6.9	ug/L	
W-1905-2	4/16/25	RTN	Trichloroethene		43	ug/L	
W-1905-2	4/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1905-2	4/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1905-2	4/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	1,1-Dichloroethene		3.1	ug/L	
W-1905-2	7/10/25	RTN	1,2-Dichloroethane		0.64	ug/L	
W-1905-2	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	Chloroform		0.65	ug/L	
W-1905-2	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	Tetrachloroethene		8.1	ug/L	
W-1905-2	7/10/25	RTN	Trichloroethene		48	ug/L	
W-1905-2	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-2	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	1,1-Dichloroethene		3.6	ug/L	
W-1905-2	7/10/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Bromoform	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Chloroform		0.73	ug/L	
W-1905-2	7/10/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Tetrachloroethene		8.9	ug/L	
W-1905-2	7/10/25	DUP	Trichloroethene		53	ug/L	
W-1905-2	7/10/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-2	7/10/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-1905-2	12/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-1905-2	12/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-1905-2	12/1/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-1905-2	12/1/25	RTN	1,1-Dichloroethene		1.7	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1905-2	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Chloroform		0.6	ug/L	
W-1905-2	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Tetrachloroethene		4.9	ug/L	
W-1905-2	12/1/25	RTN	Trichloroethene		25	ug/L	
W-1905-2	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-1905-2	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2005	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	1,1-Dichloroethene		3.3	ug/L	
W-2005	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2005	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2005	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-2005	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	Tetrachloroethene		9.3	ug/L	
W-2005	4/7/25	RTN	Trichloroethene		16	ug/L	
W-2005	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2005	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2005	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2005	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2005	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	1,1-Dichloroethene		3.7	ug/L	
W-2005	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2005	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2005	7/10/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2005	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	Tetrachloroethene		13	ug/L	
W-2005	7/10/25	RTN	Trichloroethene		18	ug/L	
W-2005	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2005	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2005	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2005	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2005	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	1,1-Dichloroethene		8.6	ug/L	
W-2005	10/8/25	RTN	1,2-Dichloroethane		0.59	ug/L	
W-2005	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2005	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2005	10/8/25	RTN	Chloroform		0.67	ug/L	
W-2005	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	Tetrachloroethene		17	ug/L	
W-2005	10/8/25	RTN	Trichloroethene		39	ug/L	
W-2005	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2005	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2005	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2005	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2006	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2006	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2006	1/16/25	RTN	1,1-Dichloroethane		2.1	ug/L	
W-2006	1/16/25	RTN	1,1-Dichloroethene		63	ug/L	
W-2006	1/16/25	RTN	1,2-Dichloroethane		6.4	ug/L	
W-2006	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2006	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-2006	1/16/25	RTN	Carbon tetrachloride		0.83	ug/L	
W-2006	1/16/25	RTN	Chloroform		1.4	ug/L	
W-2006	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2006	1/16/25	RTN	Tetrachloroethene		64	ug/L	
W-2006	1/16/25	RTN	Trichloroethene		380	ug/L	D
W-2006	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2006	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2006	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2006	1/16/25	RTN	cis-1,2-Dichloroethene		0.93	ug/L	
W-2006	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2006	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2006	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2006	4/8/25	RTN	1,1-Dichloroethane		2.1	ug/L	
W-2006	4/8/25	RTN	1,1-Dichloroethene		79	ug/L	
W-2006	4/8/25	RTN	1,2-Dichloroethane		6	ug/L	
W-2006	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2006	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2006	4/8/25	RTN	Carbon tetrachloride		0.98	ug/L	
W-2006	4/8/25	RTN	Chloroform		1.5	ug/L	
W-2006	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2006	4/8/25	RTN	Tetrachloroethene		62	ug/L	
W-2006	4/8/25	RTN	Trichloroethene		380	ug/L	D
W-2006	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2006	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2006	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2006	4/8/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-2006	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2006	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2006	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2006	7/8/25	RTN	1,1-Dichloroethane		1.3	ug/L	
W-2006	7/8/25	RTN	1,1-Dichloroethene		45	ug/L	
W-2006	7/8/25	RTN	1,2-Dichloroethane		4.3	ug/L	
W-2006	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2006	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2006	7/8/25	RTN	Carbon tetrachloride		0.81	ug/L	
W-2006	7/8/25	RTN	Chloroform		1.2	ug/L	
W-2006	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2006	7/8/25	RTN	Tetrachloroethene		37	ug/L	
W-2006	7/8/25	RTN	Trichloroethene		260	ug/L	D
W-2006	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2006	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2006	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2006	7/8/25	RTN	cis-1,2-Dichloroethene		0.72	ug/L	
W-2006	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2006	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2006	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2006	10/7/25	RTN	1,1-Dichloroethane		1.3	ug/L	
W-2006	10/7/25	RTN	1,1-Dichloroethene		54	ug/L	
W-2006	10/7/25	RTN	1,2-Dichloroethane		4.5	ug/L	
W-2006	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2006	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2006	10/7/25	RTN	Carbon tetrachloride		0.94	ug/L	
W-2006	10/7/25	RTN	Chloroform		1.2	ug/L	
W-2006	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2006	10/7/25	RTN	Tetrachloroethene		40	ug/L	
W-2006	10/7/25	RTN	Trichloroethene		290	ug/L	D
W-2006	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2006	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2006	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2006	10/7/25	RTN	cis-1,2-Dichloroethene		0.76	ug/L	
W-2006	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-201	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-201	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-201	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-201	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-201	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-201	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-201	10/23/25	RTN	Bromoform		< 0.5	ug/L	O
W-201	10/23/25	RTN	Carbon tetrachloride		0.9	ug/L	
W-201	10/23/25	RTN	Chloroform		4.1	ug/L	
W-201	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-201	10/23/25	RTN	Tetrachloroethene		0.57	ug/L	O
W-201	10/23/25	RTN	Trichloroethene		1.4	ug/L	
W-201	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-201	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-201	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-201	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-201	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2011	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2011	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2011	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2011	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2011	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2011	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2011	1/15/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2011	1/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2011	1/15/25	RTN	Chloroform	<	0.5	ug/L	
W-2011	1/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2011	1/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-2011	1/15/25	RTN	Trichloroethene		5.6	ug/L	
W-2011	1/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2011	1/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2011	1/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2011	1/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2011	1/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2011	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2011	4/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2011	4/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2011	4/7/25	RTN	Chloroform	<	0.5	ug/L	
W-2011	4/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-2011	4/7/25	RTN	Trichloroethene		5.1	ug/L	
W-2011	4/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2011	4/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2011	4/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2011	4/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2011	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2011	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2011	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2011	7/10/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2011	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2011	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2011	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-2011	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2011	7/10/25	RTN	Chloroform	<	0.5	ug/L	
W-2011	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2011	7/10/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-2011	7/10/25	RTN	Trichloroethene		4.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2011	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2011	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2011	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2011	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2011	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2011	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2011	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2011	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2011	10/7/25	RTN	Chloroform		< 0.5	ug/L	
W-2011	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2011	10/7/25	RTN	Trichloroethene		5.5	ug/L	
W-2011	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2011	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2011	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2011	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-202	3/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-202	3/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-202	3/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-202	3/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-202	3/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-202	3/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-202	3/6/25	RTN	Bromoform		< 0.5	ug/L	
W-202	3/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-202	3/6/25	RTN	Chloroform		< 0.5	ug/L	
W-202	3/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-202	3/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-202	3/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-202	3/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-202	3/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-202	3/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-202	3/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-202	3/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-204	1/14/25	RTN	Lead		< 0.05	mg/L	
W-204	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-204	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-204	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-204	1/14/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-204	1/14/25	RTN	1,2-Dichloroethane		0.68	ug/L	
W-204	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-204	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-204	1/14/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-204	1/14/25	RTN	Chloroform		16	ug/L	
W-204	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-204	1/14/25	RTN	Tetrachloroethene		2.5	ug/L	
W-204	1/14/25	RTN	Trichloroethene		50	ug/L	
W-204	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-204	1/14/25	RTN	Trichlorotrifluoroethane		27	ug/L	
W-204	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-204	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-204	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-204	1/14/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-204	1/14/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-204	1/14/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-204	1/14/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-204	1/14/25	DUP	1,2-Dichloroethane		0.61	ug/L	
W-204	1/14/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-204	1/14/25	DUP	Bromoform		< 0.5	ug/L	
W-204	1/14/25	DUP	Carbon tetrachloride		1.1	ug/L	
W-204	1/14/25	DUP	Chloroform		14	ug/L	
W-204	1/14/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-204	1/14/25	DUP	Tetrachloroethene		2.5	ug/L	
W-204	1/14/25	DUP	Trichloroethene		48	ug/L	
W-204	1/14/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-204	1/14/25	DUP	Trichlorotrifluoroethane		32	ug/L	
W-204	1/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-204	1/14/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-204	1/14/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-204	1/14/25	RTN	Tritium		252	pCi/L	
W-204	4/30/25	RTN	Tritium		220	pCi/L	
W-205	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-205	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-205	1/6/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-205	1/6/25	RTN	1,1-Dichloroethene		0.81	ug/L	
W-205	1/6/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-205	1/6/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-205	1/6/25	RTN	Bromoform	<	0.5	ug/L	
W-205	1/6/25	RTN	Carbon tetrachloride		1.1	ug/L	
W-205	1/6/25	RTN	Chloroform	<	0.5	ug/L	
W-205	1/6/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-205	1/6/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-205	1/6/25	RTN	Trichloroethene		48	ug/L	
W-205	1/6/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-205	1/6/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-205	1/6/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-205	1/6/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-205	1/6/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-206	10/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-206	10/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-206	10/1/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-206	10/1/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-206	10/1/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-206	10/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-206	10/1/25	RTN	Bromoform	<	0.5	ug/L	
W-206	10/1/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-206	10/1/25	RTN	Chloroform		8	ug/L	
W-206	10/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-206	10/1/25	RTN	Tetrachloroethene		2.8	ug/L	
W-206	10/1/25	RTN	Trichloroethene		56	ug/L	
W-206	10/1/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-206	10/1/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-206	10/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-206	10/1/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-206	10/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-206	10/1/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-206	10/1/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-206	10/1/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-206	10/1/25	DUP	1,1-Dichloroethene		1.1	ug/L	
W-206	10/1/25	DUP	1,2-Dichloroethane		2.6	ug/L	
W-206	10/1/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-206	10/1/25	DUP	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-206	10/1/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-206	10/1/25	DUP	Chloroform		8.2	ug/L	
W-206	10/1/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-206	10/1/25	DUP	Tetrachloroethene		2.9	ug/L	
W-206	10/1/25	DUP	Trichloroethene		57	ug/L	
W-206	10/1/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-206	10/1/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-206	10/1/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-206	10/1/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-206	10/1/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2101	1/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2101	1/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	Bromoform	<	0.5	ug/L	
W-2101	1/15/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-2101	1/15/25	RTN	Chloroform		0.76	ug/L	
W-2101	1/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-2101	1/15/25	RTN	Trichloroethene		57	ug/L	
W-2101	1/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2101	1/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2101	1/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2101	1/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2101	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2101	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2101	4/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2101	4/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2101	4/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2101	4/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2101	4/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2101	4/7/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-2101	4/7/25	RTN	Chloroform		0.64	ug/L	
W-2101	4/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2101	4/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-2101	4/7/25	RTN	Trichloroethene		46	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2101	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2101	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2101	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2101	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2101	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2101	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2101	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2101	7/10/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-2101	7/10/25	RTN	Chloroform		0.61	ug/L	
W-2101	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2101	7/10/25	RTN	Trichloroethene		41	ug/L	
W-2101	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2101	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2101	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2101	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2101	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2101	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2101	10/7/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-2101	10/7/25	RTN	Chloroform		0.63	ug/L	
W-2101	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2101	10/7/25	RTN	Trichloroethene		42	ug/L	
W-2101	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2101	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2101	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2101	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2102	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2102	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-2102	1/15/25	RTN	Carbon tetrachloride		4	ug/L	
W-2102	1/15/25	RTN	Chloroform		1.6	ug/L	
W-2102	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2102	1/15/25	RTN	Trichloroethene		130	ug/L	D
W-2102	1/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2102	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2102	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2102	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2102	4/7/25	RTN	Carbon tetrachloride		3.9	ug/L	
W-2102	4/7/25	RTN	Chloroform		1.5	ug/L	
W-2102	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2102	4/7/25	RTN	Trichloroethene		110	ug/L	D
W-2102	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2102	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2102	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2102	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2102	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2102	7/10/25	RTN	Carbon tetrachloride		3.4	ug/L	
W-2102	7/10/25	RTN	Chloroform		1.4	ug/L	
W-2102	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2102	7/10/25	RTN	Trichloroethene		100	ug/L	
W-2102	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2102	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2102	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2102	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2102	10/7/25	RTN	Carbon tetrachloride		4.2	ug/L	
W-2102	10/7/25	RTN	Chloroform		1.6	ug/L	
W-2102	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2102	10/7/25	RTN	Trichloroethene		96	ug/L	D
W-2102	10/7/25	RTN	Trichlorofluoromethane		0.8	ug/L	
W-2102	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2102	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2102	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2102	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-2103	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-2103	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
W-2103	1/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	H
W-2103	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-2103	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-2103	1/7/25	RTN	Bromoform		< 0.5	ug/L	H
W-2103	1/7/25	RTN	Carbon tetrachloride		6.3	ug/L	H
W-2103	1/7/25	RTN	Chloroform		1.6	ug/L	H
W-2103	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	H

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2103	1/7/25	RTN	Tetrachloroethene		0.51	ug/L	H
W-2103	1/7/25	RTN	Trichloroethene		190	ug/L	DH
W-2103	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-2103	1/7/25	RTN	Trichlorotrifluoroethane		2.4	ug/L	H
W-2103	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-2103	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-2103	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-2103	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	E
W-2103	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-2103	4/2/25	RTN	Carbon tetrachloride		4.6	ug/L	
W-2103	4/2/25	RTN	Chloroform		1.4	ug/L	
W-2103	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	E
W-2103	4/2/25	RTN	Trichloroethene		180	ug/L	D
W-2103	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2103	4/2/25	RTN	Trichlorotrifluoroethane		2.2	ug/L	
W-2103	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2103	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	4/2/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-2103	4/2/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	Bromoform		< 0.5	ug/L	
W-2103	4/2/25	DUP	Carbon tetrachloride		6.1	ug/L	
W-2103	4/2/25	DUP	Chloroform		1.6	ug/L	
W-2103	4/2/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-2103	4/2/25	DUP	Trichloroethene		160	ug/L	D
W-2103	4/2/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2103	4/2/25	DUP	Trichlorotrifluoroethane		1.8	ug/L	
W-2103	4/2/25	DUP	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2103	4/2/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	4/2/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	7/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	1,1-Dichloroethene		0.57	ug/L	
W-2103	7/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2103	7/23/25	RTN	Carbon tetrachloride		5.1	ug/L	
W-2103	7/23/25	RTN	Chloroform		1.3	ug/L	
W-2103	7/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	Tetrachloroethene		0.51	ug/L	
W-2103	7/23/25	RTN	Trichloroethene		120	ug/L	D
W-2103	7/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2103	7/23/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-2103	7/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2103	7/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	7/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	10/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	E
W-2103	10/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	Bromoform		< 0.5	ug/L	
W-2103	10/2/25	RTN	Carbon tetrachloride		3.6	ug/L	
W-2103	10/2/25	RTN	Chloroform		1.2	ug/L	
W-2103	10/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2103	10/2/25	RTN	Trichloroethene		130	ug/L	D
W-2103	10/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2103	10/2/25	RTN	Trichlorotrifluoroethane		1.6	ug/L	
W-2103	10/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2103	10/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	10/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	10/2/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2103	10/2/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2103	10/2/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2103	10/2/25	DUP	1,1-Dichloroethene		0.5	ug/L	
W-2103	10/2/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2103	10/2/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2103	10/2/25	DUP	Bromoform		< 0.5	ug/L	
W-2103	10/2/25	DUP	Carbon tetrachloride		4.8	ug/L	
W-2103	10/2/25	DUP	Chloroform		1.4	ug/L	
W-2103	10/2/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2103	10/2/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-2103	10/2/25	DUP	Trichloroethene		140	ug/L	D
W-2103	10/2/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2103	10/2/25	DUP	Trichlorotrifluoroethane		2	ug/L	
W-2103	10/2/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2103	10/2/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2103	10/2/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2105	1/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	1,1-Dichloroethene		0.99	ug/L	
W-2105	1/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	Bromoform		< 0.5	ug/L	
W-2105	1/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2105	1/22/25	RTN	Chloroform		0.57	ug/L	
W-2105	1/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	Tetrachloroethene		5.7	ug/L	
W-2105	1/22/25	RTN	Trichloroethene		95	ug/L	D
W-2105	1/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2105	1/22/25	RTN	Trichlorotrifluoroethane		2	ug/L	
W-2105	1/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2105	1/22/25	RTN	cis-1,2-Dichloroethene		0.64	ug/L	
W-2105	1/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2105	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2105	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2105	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2105	4/2/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-2105	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2105	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2105	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-2105	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2105	4/2/25	RTN	Chloroform		0.55	ug/L	
W-2105	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2105	4/2/25	RTN	Tetrachloroethene		5	ug/L	
W-2105	4/2/25	RTN	Trichloroethene		97	ug/L	
W-2105	4/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2105	4/2/25	RTN	Trichlorotrifluoroethane		1.9	ug/L	
W-2105	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2105	4/2/25	RTN	cis-1,2-Dichloroethene		0.68	ug/L	
W-2105	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2105	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	1,1-Dichloroethene		0.96	ug/L	
W-2105	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-2105	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2105	7/8/25	RTN	Chloroform		0.53	ug/L	
W-2105	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	Tetrachloroethene		5.2	ug/L	
W-2105	7/8/25	RTN	Trichloroethene		93	ug/L	
W-2105	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2105	7/8/25	RTN	Trichlorotrifluoroethane		2	ug/L	
W-2105	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2105	7/8/25	RTN	cis-1,2-Dichloroethene		0.64	ug/L	
W-2105	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2105	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2105	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2105	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2105	10/7/25	RTN	1,1-Dichloroethene		1	ug/L	
W-2105	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2105	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2105	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2105	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2105	10/7/25	RTN	Chloroform		0.55	ug/L	
W-2105	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2105	10/7/25	RTN	Tetrachloroethene		5.2	ug/L	
W-2105	10/7/25	RTN	Trichloroethene		97	ug/L	
W-2105	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2105	10/7/25	RTN	Trichlorotrifluoroethane		1.7	ug/L	
W-2105	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2105	10/7/25	RTN	cis-1,2-Dichloroethene		0.56	ug/L	
W-2105	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2113	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2113	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2113	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2113	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2113	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2113	12/1/25	RTN	Bromodichloromethane		0.82	ug/L	
W-2113	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-2113	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2113	12/1/25	RTN	Chloroform		26	ug/L	
W-2113	12/1/25	RTN	Chromium		0.028	mg/L	
W-2113	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2113	12/1/25	RTN	Hexavalent Chromium		0.029	mg/L	
W-2113	12/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2113	12/1/25	RTN	Trichloroethene		1.3	ug/L	
W-2113	12/1/25	RTN	Trichlorofluoromethane		0.95	ug/L	
W-2113	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2113	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2113	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2113	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-212	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-212	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-212	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-212	1/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-212	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-212	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-212	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-212	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-212	1/14/25	RTN	Chloroform		< 0.5	ug/L	
W-212	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-212	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-212	1/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-212	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-212	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-212	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-212	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-212	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-214	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-214	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-214	7/9/25	RTN	1,1-Dichloroethane		1.2	ug/L	
W-214	7/9/25	RTN	1,1-Dichloroethene		2.9	ug/L	
W-214	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-214	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-214	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-214	7/9/25	RTN	Carbon tetrachloride		2.4	ug/L	
W-214	7/9/25	RTN	Chloroform		2.4	ug/L	
W-214	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-214	7/9/25	RTN	Tetrachloroethene		3.6	ug/L	
W-214	7/9/25	RTN	Trichloroethene		3.7	ug/L	
W-214	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-214	7/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-214	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-214	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-214	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-218	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-218	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-218	1/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-218	1/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-218	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-218	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-218	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-218	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-218	1/13/25	RTN	Chloroform		1.4	ug/L	
W-218	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-218	1/13/25	RTN	Tetrachloroethene		3.8	ug/L	
W-218	1/13/25	RTN	Trichloroethene		9.5	ug/L	
W-218	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-218	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-218	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-218	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-218	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-219	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-219	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-219	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-219	12/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-219	12/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-219	12/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-219	12/8/25	RTN	Bromoform	<	0.5	ug/L	
W-219	12/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-219	12/8/25	RTN	Chloroform	<	0.5	ug/L	
W-219	12/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-219	12/8/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-219	12/8/25	RTN	Trichloroethene	<	0.5	ug/L	
W-219	12/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-219	12/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-219	12/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-219	12/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-219	12/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-220	7/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-220	7/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-220	7/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-220	7/30/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-220	7/30/25	RTN	1,2-Dichloroethane		1.7	ug/L	
W-220	7/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-220	7/30/25	RTN	Bromoform	<	0.5	ug/L	
W-220	7/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-220	7/30/25	RTN	Chloroform	<	0.5	ug/L	
W-220	7/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-220	7/30/25	RTN	Tetrachloroethene		3.7	ug/L	
W-220	7/30/25	RTN	Trichloroethene		18	ug/L	
W-220	7/30/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-220	7/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-220	7/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-220	7/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-220	7/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2201	3/19/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2201	3/19/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2201	3/19/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2201	3/19/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2201	3/19/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2201	3/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2201	3/19/25	RTN	Bromoform	<	0.5	ug/L	
W-2201	3/19/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2201	3/19/25	RTN	Chloroform		3.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2201	3/19/25	RTN	Chromium		0.016	mg/L	
W-2201	3/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2201	3/19/25	RTN	Tetrachloroethene		1	ug/L	
W-2201	3/19/25	RTN	Trichloroethene		9.4	ug/L	
W-2201	3/19/25	RTN	Trichlorofluoromethane		0.6	ug/L	
W-2201	3/19/25	RTN	Trichlorotrifluoroethane		7.3	ug/L	
W-2201	3/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2201	3/19/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	3/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	5/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2201	5/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2201	5/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2201	5/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2201	5/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2201	5/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2201	5/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2201	5/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2201	5/8/25	RTN	Chloroform		3.1	ug/L	
W-2201	5/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2201	5/8/25	RTN	Tetrachloroethene		0.88	ug/L	
W-2201	5/8/25	RTN	Trichloroethene		8.6	ug/L	
W-2201	5/8/25	RTN	Trichlorofluoromethane		0.56	ug/L	
W-2201	5/8/25	RTN	Trichlorotrifluoroethane		7.9	ug/L	
W-2201	5/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2201	5/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	5/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	7/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2201	7/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2201	7/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2201	7/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2201	7/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2201	7/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2201	7/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2201	7/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2201	7/24/25	RTN	Chloroform		3	ug/L	
W-2201	7/24/25	RTN	Chromium		0.015	mg/L	
W-2201	7/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2201	7/24/25	RTN	Tetrachloroethene		1.1	ug/L	
W-2201	7/24/25	RTN	Trichloroethene		9.6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2201	7/24/25	RTN	Trichlorofluoromethane		0.57	ug/L	
W-2201	7/24/25	RTN	Trichlorotrifluoroethane		7	ug/L	
W-2201	7/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2201	7/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	7/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	11/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2201	11/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2201	11/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2201	11/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2201	11/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2201	11/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2201	11/5/25	RTN	Bromoform		< 0.5	ug/L	
W-2201	11/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2201	11/5/25	RTN	Chloroform		3.2	ug/L	
W-2201	11/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2201	11/5/25	RTN	Tetrachloroethene		1.3	ug/L	
W-2201	11/5/25	RTN	Trichloroethene		11	ug/L	
W-2201	11/5/25	RTN	Trichlorofluoromethane		0.72	ug/L	
W-2201	11/5/25	RTN	Trichlorotrifluoroethane		6.8	ug/L	
W-2201	11/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2201	11/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2201	11/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	3/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2202	3/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2202	3/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2202	3/10/25	RTN	Chloroform		< 0.5	ug/L	
W-2202	3/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2202	3/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-2202	3/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2202	3/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2202	3/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	3/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2202	5/6/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-2202	5/6/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	Bromoform		< 0.5	ug/L	
W-2202	5/6/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-2202	5/6/25	DUP	Chloroform		< 0.5	ug/L	
W-2202	5/6/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-2202	5/6/25	DUP	Trichloroethene		< 0.5	ug/L	
W-2202	5/6/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2202	5/6/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2202	5/6/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	5/6/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	5/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2202	5/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	Bromoform		< 0.5	ug/L	
W-2202	5/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2202	5/6/25	RTN	Chloroform		< 0.5	ug/L	
W-2202	5/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2202	5/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-2202	5/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2202	5/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2202	5/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	5/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	9/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2202	9/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2202	9/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	Bromoform		< 0.5	ug/L	
W-2202	9/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2202	9/15/25	RTN	Chloroform		< 0.5	ug/L	
W-2202	9/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2202	9/15/25	RTN	Trichloroethene		9	ug/L	
W-2202	9/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2202	9/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2202	9/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2202	9/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-2203	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-2203	1/16/25	RTN	Carbon tetrachloride		6.8	ug/L	
W-2203	1/16/25	RTN	Chloroform		2.5	ug/L	
W-2203	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	Tetrachloroethene		4.7	ug/L	
W-2203	1/16/25	RTN	Trichloroethene		71	ug/L	
W-2203	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2203	1/16/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-2203	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2203	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2203	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2203	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2203	4/8/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-2203	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2203	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2203	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2203	4/8/25	RTN	Carbon tetrachloride		7.4	ug/L	
W-2203	4/8/25	RTN	Chloroform		2.8	ug/L	
W-2203	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2203	4/8/25	RTN	Tetrachloroethene		5.6	ug/L	
W-2203	4/8/25	RTN	Trichloroethene		80	ug/L	
W-2203	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2203	4/8/25	RTN	Trichlorotrifluoroethane		1.6	ug/L	
W-2203	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2203	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	1,1-Dichloroethene		1.5	ug/L	
W-2203	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2203	7/8/25	RTN	Carbon tetrachloride		6.6	ug/L	
W-2203	7/8/25	RTN	Chloroform		2.5	ug/L	
W-2203	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	Tetrachloroethene		5.5	ug/L	
W-2203	7/8/25	RTN	Trichloroethene		70	ug/L	
W-2203	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2203	7/8/25	RTN	Trichlorotrifluoroethane		1.7	ug/L	
W-2203	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2203	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-2203	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2203	10/7/25	RTN	Carbon tetrachloride		5.6	ug/L	
W-2203	10/7/25	RTN	Chloroform		2.3	ug/L	
W-2203	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	Tetrachloroethene		4.6	ug/L	
W-2203	10/7/25	RTN	Trichloroethene		63	ug/L	
W-2203	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2203	10/7/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-2203	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2203	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2203	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	1/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2204	1/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2204	1/8/25	RTN	1,1-Dichloroethane		1.4	ug/L	
W-2204	1/8/25	RTN	1,1-Dichloroethene		13	ug/L	
W-2204	1/8/25	RTN	1,2-Dichloroethane		48	ug/L	
W-2204	1/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2204	1/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2204	1/8/25	RTN	Carbon tetrachloride		28	ug/L	
W-2204	1/8/25	RTN	Chloroform		5.8	ug/L	
W-2204	1/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2204	1/8/25	RTN	Tetrachloroethene		120	ug/L	D
W-2204	1/8/25	RTN	Trichloroethene		1700	ug/L	D
W-2204	1/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2204	1/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2204	1/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2204	1/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	1/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	1/8/25	RTN	Tritium		13200	pCi/L	
W-2204	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2204	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2204	4/8/25	RTN	1,1-Dichloroethane		1	ug/L	
W-2204	4/8/25	RTN	1,1-Dichloroethene		7.2	ug/L	
W-2204	4/8/25	RTN	1,2-Dichloroethane		38	ug/L	
W-2204	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2204	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2204	4/8/25	RTN	Carbon tetrachloride		15	ug/L	
W-2204	4/8/25	RTN	Chloroform		4.1	ug/L	
W-2204	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2204	4/8/25	RTN	Tetrachloroethene		71	ug/L	
W-2204	4/8/25	RTN	Trichloroethene		1100	ug/L	D
W-2204	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2204	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2204	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2204	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	4/8/25	RTN	Tritium		10400	pCi/L	
W-2204	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2204	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2204	7/9/25	RTN	1,1-Dichloroethane		1.2	ug/L	
W-2204	7/9/25	RTN	1,1-Dichloroethene		2.6	ug/L	
W-2204	7/9/25	RTN	1,2-Dichloroethane		30	ug/L	
W-2204	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2204	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-2204	7/9/25	RTN	Carbon tetrachloride		14	ug/L	
W-2204	7/9/25	RTN	Chloroform		3.9	ug/L	
W-2204	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2204	7/9/25	RTN	Tetrachloroethene		110	ug/L	D
W-2204	7/9/25	RTN	Trichloroethene		1600	ug/L	D
W-2204	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2204	7/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2204	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2204	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	7/9/25	RTN	Tritium		8740	pCi/L	
W-2204	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2204	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2204	10/7/25	RTN	1,1-Dichloroethane		1.3	ug/L	
W-2204	10/7/25	RTN	1,1-Dichloroethene		6.8	ug/L	
W-2204	10/7/25	RTN	1,2-Dichloroethane		36	ug/L	
W-2204	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2204	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2204	10/7/25	RTN	Carbon tetrachloride		19	ug/L	
W-2204	10/7/25	RTN	Chloroform		4.6	ug/L	
W-2204	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2204	10/7/25	RTN	Tetrachloroethene		110	ug/L	D
W-2204	10/7/25	RTN	Trichloroethene		1600	ug/L	D
W-2204	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2204	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2204	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2204	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2204	10/7/25	RTN	Tritium		10500	pCi/L	
W-2207B	1/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	1,1-Dichloroethene		3.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2207B	1/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2207B	1/8/25	RTN	Carbon tetrachloride		4	ug/L	
W-2207B	1/8/25	RTN	Chloroform		4.3	ug/L	
W-2207B	1/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	Tetrachloroethene		2.4	ug/L	
W-2207B	1/8/25	RTN	Trichloroethene		2100	ug/L	D
W-2207B	1/8/25	RTN	Trichlorofluoromethane		1	ug/L	
W-2207B	1/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2207B	1/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2207B	1/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2207B	1/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2207B	1/8/25	RTN	Tritium		< 100	pCi/L	
W-2207B	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-2207B	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Carbon tetrachloride		0.7	ug/L	
W-2207B	4/8/25	RTN	Chloroform		2	ug/L	
W-2207B	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Tetrachloroethene		1.4	ug/L	
W-2207B	4/8/25	RTN	Trichloroethene		470	ug/L	D
W-2207B	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2207B	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2207B	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2207B	4/8/25	RTN	Tritium		< 100	pCi/L	
W-2207B	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2207B	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2207B	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2207B	7/9/25	RTN	1,1-Dichloroethene		2	ug/L	
W-2207B	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2207B	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2207B	7/9/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2207B	7/9/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-2207B	7/9/25	RTN	Chloroform		2.6	ug/L	
W-2207B	7/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2207B	7/9/25	RTN	Tetrachloroethene		1.8	ug/L	
W-2207B	7/9/25	RTN	Trichloroethene		850	ug/L	D
W-2207B	7/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2207B	7/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2207B	7/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2207B	7/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2207B	7/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2207B	7/9/25	RTN	Tritium	<	100	pCi/L	
W-2207B	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-2207B	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-2207B	10/7/25	RTN	Chloroform		3.1	ug/L	
W-2207B	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Tetrachloroethene		2.2	ug/L	
W-2207B	10/7/25	RTN	Trichloroethene		1100	ug/L	D
W-2207B	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2207B	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2207B	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2207B	10/7/25	RTN	Tritium	<	100	pCi/L	
W-2208B	1/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2208B	1/8/25	RTN	1,1,2-Trichloroethane		2	ug/L	
W-2208B	1/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2208B	1/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2208B	1/8/25	RTN	1,2-Dichloroethane		0.62	ug/L	
W-2208B	1/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2208B	1/8/25	RTN	Bromoform	<	0.5	ug/L	
W-2208B	1/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2208B	1/8/25	RTN	Chloroform	<	0.5	ug/L	
W-2208B	1/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2208B	1/8/25	RTN	Tetrachloroethene		0.91	ug/L	
W-2208B	1/8/25	RTN	Trichloroethene		22	ug/L	
W-2208B	1/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2208B	1/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2208B	1/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2208B	1/8/25	RTN	cis-1,2-Dichloroethene		0.63	ug/L	
W-2208B	1/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2208B	1/8/25	RTN	Tritium		< 100	pCi/L	
W-2208B	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2208B	4/8/25	RTN	1,1,2-Trichloroethane		1.8	ug/L	
W-2208B	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2208B	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2208B	4/8/25	RTN	1,2-Dichloroethane		0.55	ug/L	
W-2208B	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Chloroform		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Tetrachloroethene		0.67	ug/L	
W-2208B	4/8/25	RTN	Trichloroethene		17	ug/L	
W-2208B	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2208B	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2208B	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2208B	4/8/25	RTN	Tritium		< 100	pCi/L	
W-2208B	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2208B	7/9/25	RTN	1,1,2-Trichloroethane		4.6	ug/L	
W-2208B	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2208B	7/9/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-2208B	7/9/25	RTN	1,2-Dichloroethane		1.9	ug/L	
W-2208B	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2208B	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-2208B	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2208B	7/9/25	RTN	Chloroform		0.72	ug/L	
W-2208B	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2208B	7/9/25	RTN	Tetrachloroethene		1.2	ug/L	
W-2208B	7/9/25	RTN	Trichloroethene		50	ug/L	
W-2208B	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2208B	7/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2208B	7/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2208B	7/9/25	RTN	cis-1,2-Dichloroethene		0.72	ug/L	
W-2208B	7/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2208B	7/9/25	RTN	Tritium	<	100	pCi/L	
W-2208B	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2208B	10/7/25	RTN	1,1,2-Trichloroethane		4.4	ug/L	
W-2208B	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2208B	10/7/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-2208B	10/7/25	RTN	1,2-Dichloroethane		1.7	ug/L	
W-2208B	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Chloroform		0.64	ug/L	
W-2208B	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Tetrachloroethene		1.3	ug/L	
W-2208B	10/7/25	RTN	Trichloroethene		40	ug/L	
W-2208B	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2208B	10/7/25	RTN	cis-1,2-Dichloroethene		0.82	ug/L	
W-2208B	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2208B	10/7/25	RTN	Tritium	<	100	pCi/L	
W-221	1/14/25	RTN	Tritium		694	pCi/L	
W-221	10/28/25	RTN	Chromium		0.0067	mg/L	
W-221	10/28/25	RTN	Hexavalent Chromium		0.0063	mg/L	
W-2212	1/6/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2212	1/6/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2212	1/6/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2212	1/6/25	RTN	1,1-Dichloroethene		2.3	ug/L	
W-2212	1/6/25	RTN	1,2-Dichloroethane		3.3	ug/L	
W-2212	1/6/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2212	1/6/25	RTN	Bromoform	<	0.5	ug/L	
W-2212	1/6/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2212	1/6/25	RTN	Chloroform		21	ug/L	
W-2212	1/6/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2212	1/6/25	RTN	Tetrachloroethene		4.6	ug/L	
W-2212	1/6/25	RTN	Trichloroethene		54	ug/L	
W-2212	1/6/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2212	1/6/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2212	1/6/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2212	1/6/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2212	1/6/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2212	4/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-2212	4/30/25	RTN	1,2-Dichloroethane		2.3	ug/L	
W-2212	4/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	Bromoform	<	0.5	ug/L	
W-2212	4/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2212	4/30/25	RTN	Chloroform		15	ug/L	
W-2212	4/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	Tetrachloroethene		4.8	ug/L	
W-2212	4/30/25	RTN	Trichloroethene		54	ug/L	
W-2212	4/30/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2212	4/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2212	4/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2212	4/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2212	7/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	1,1-Dichloroethene		2.8	ug/L	
W-2212	7/29/25	RTN	1,2-Dichloroethane		2.4	ug/L	
W-2212	7/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	Bromoform	<	0.5	ug/L	
W-2212	7/29/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2212	7/29/25	RTN	Chloroform		16	ug/L	
W-2212	7/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	Tetrachloroethene		7	ug/L	
W-2212	7/29/25	RTN	Trichloroethene		66	ug/L	
W-2212	7/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2212	7/29/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2212	7/29/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2212	7/29/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2212	11/5/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2212	11/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2212	11/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2212	11/5/25	RTN	1,1-Dichloroethene		3.7	ug/L	
W-2212	11/5/25	RTN	1,2-Dichloroethane		2.3	ug/L	
W-2212	11/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2212	11/5/25	RTN	Bromoform		< 0.5	ug/L	
W-2212	11/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2212	11/5/25	RTN	Chloroform		16	ug/L	
W-2212	11/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2212	11/5/25	RTN	Tetrachloroethene		6.9	ug/L	
W-2212	11/5/25	RTN	Trichloroethene		67	ug/L	
W-2212	11/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2212	11/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2212	11/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2212	11/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2212	11/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2212	11/5/25	RTN	Tritium		1310	pCi/L	
W-2215A	2/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2215A	2/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Chloroform		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Trichloroethene		17	ug/L	
W-2215A	2/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2215A	2/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2215A	2/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2215A	2/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2215A	12/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2215A	12/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2215A	12/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Bromoform		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Chloroform		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Trichloroethene		10	ug/L	
W-2215A	12/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2215A	12/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2215A	12/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2215A	12/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	2/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2215B	2/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Chloroform		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Tetrachloroethene		1.6	ug/L	
W-2215B	2/24/25	RTN	Trichloroethene		3	ug/L	
W-2215B	2/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2215B	2/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2215B	2/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	2/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	6/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2215B	6/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2215B	6/10/25	RTN	Carbon tetrachloride		0.69	ug/L	
W-2215B	6/10/25	RTN	Chloroform		< 0.5	ug/L	
W-2215B	6/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2215B	6/10/25	RTN	Tetrachloroethene		2.4	ug/L	
W-2215B	6/10/25	RTN	Trichloroethene		4.3	ug/L	
W-2215B	6/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2215B	6/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2215B	6/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	6/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	8/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2215B	8/25/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Bromoform		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-2215B	8/25/25	RTN	Chloroform		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Tetrachloroethene		4.2	ug/L	
W-2215B	8/25/25	RTN	Trichloroethene		7.5	ug/L	
W-2215B	8/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2215B	8/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2215B	8/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	8/25/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2215B	12/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2215B	12/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2215B	12/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	J
W-2215B	12/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	J
W-2215B	12/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Bromoform		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Chloroform		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Tetrachloroethene		1.3	ug/L	
W-2215B	12/4/25	RTN	Trichloroethene		2.8	ug/L	
W-2215B	12/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2215B	12/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	J
W-2215B	12/4/25	RTN	Vinyl chloride		< 0.5	ug/L	J

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2215B	12/4/25	RTN	cis-1,2-Dichloroethene		0.59	ug/L	
W-2215B	12/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	J
W-2216B	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2216B	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Chloroform		1.1	ug/L	
W-2216B	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Tetrachloroethene		0.8	ug/L	
W-2216B	1/13/25	RTN	Trichloroethene		9.1	ug/L	
W-2216B	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2216B	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2216B	1/13/25	RTN	cis-1,2-Dichloroethene		1.2	ug/L	
W-2216B	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2216B	1/13/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-2216B	1/13/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Bromoform		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Chloroform		1.2	ug/L	
W-2216B	1/13/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Tetrachloroethene		0.75	ug/L	
W-2216B	1/13/25	DUP	Trichloroethene		8.9	ug/L	
W-2216B	1/13/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2216B	1/13/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2216B	1/13/25	DUP	cis-1,2-Dichloroethene		1.2	ug/L	
W-2216B	1/13/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2216B	4/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2216B	4/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2216B	4/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2216B	4/24/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2216B	4/24/25	RTN	1,2-Dichloroethane		0.72	ug/L	
W-2216B	4/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2216B	4/24/25	RTN	Bromoform	<	0.5	ug/L	
W-2216B	4/24/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2216B	4/24/25	RTN	Chloroform		8.3	ug/L	
W-2216B	4/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2216B	4/24/25	RTN	Tetrachloroethene		3.2	ug/L	
W-2216B	4/24/25	RTN	Trichloroethene		42	ug/L	
W-2216B	4/24/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2216B	4/24/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2216B	4/24/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2216B	4/24/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2216B	4/24/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2216B	7/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	1,1-Dichloroethene		0.75	ug/L	
W-2216B	7/7/25	RTN	1,2-Dichloroethane		0.66	ug/L	
W-2216B	7/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2216B	7/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2216B	7/7/25	RTN	Chloroform		6.7	ug/L	
W-2216B	7/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	Tetrachloroethene		3.1	ug/L	
W-2216B	7/7/25	RTN	Trichloroethene		43	ug/L	
W-2216B	7/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2216B	7/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2216B	7/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2216B	7/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-222	9/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-222	9/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-222	9/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-222	9/9/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-222	9/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-222	9/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-222	9/9/25	RTN	Bromoform	<	0.5	ug/L	
W-222	9/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-222	9/9/25	RTN	Chloroform		1.5	ug/L	
W-222	9/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-222	9/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	E
W-222	9/9/25	RTN	Trichloroethene		21	ug/L	
W-222	9/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-222	9/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-222	9/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-222	9/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-222	9/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-223	9/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-223	9/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-223	9/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-223	9/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-223	9/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-223	9/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-223	9/9/25	RTN	Bromoform		< 0.5	ug/L	
W-223	9/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-223	9/9/25	RTN	Chloroform		2.4	ug/L	
W-223	9/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-223	9/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-223	9/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-223	9/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-223	9/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-223	9/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-223	9/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-223	9/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-223	11/17/25	RTN	Chromium		0.0013	mg/L	
W-223	11/17/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-224	3/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-224	3/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-224	3/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-224	3/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-224	3/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-224	3/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-224	3/10/25	RTN	Bromoform		< 0.5	ug/L	
W-224	3/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-224	3/10/25	RTN	Chloroform		< 0.5	ug/L	
W-224	3/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-224	3/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-224	3/10/25	RTN	Trichloroethene	<	0.5	ug/L	
W-224	3/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-224	3/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-224	3/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-224	3/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-224	3/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-226	4/2/25	RTN	Chromium		0.012	mg/L	
W-226	4/2/25	RTN	Hexavalent Chromium		0.012	mg/L	
W-226	4/2/25	RTN	Lead	<	0.005	mg/L	
W-226	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-226	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-226	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-226	4/2/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-226	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-226	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-226	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-226	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-226	4/2/25	RTN	Chloroform	<	0.5	ug/L	
W-226	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-226	4/2/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-226	4/2/25	RTN	Trichloroethene	<	0.5	ug/L	
W-226	4/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-226	4/2/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-226	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-226	4/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-226	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2302	1/6/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2302	1/6/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2302	1/6/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2302	1/6/25	RTN	1,1-Dichloroethene		7.8	ug/L	
W-2302	1/6/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2302	1/6/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2302	1/6/25	RTN	Bromoform	<	0.5	ug/L	
W-2302	1/6/25	RTN	Carbon tetrachloride		0.57	ug/L	
W-2302	1/6/25	RTN	Chloroform		6.7	ug/L	
W-2302	1/6/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2302	1/6/25	RTN	Tetrachloroethene		11	ug/L	
W-2302	1/6/25	RTN	Trichloroethene		93	ug/L	D
W-2302	1/6/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2302	1/6/25	RTN	Trichlorotrifluoroethane		3.5	ug/L	
W-2302	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2302	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	1/6/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	1,1-Dichloroethene		8.4	ug/L	IJ
W-2302	1/6/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	Bromodichloromethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	Bromoform		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	Carbon tetrachloride		0.55	ug/L	IJ
W-2302	1/6/25	DUP	Chloroform		6.4	ug/L	IJ
W-2302	1/6/25	DUP	Dibromochloromethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	Tetrachloroethene		14	ug/L	IJL
W-2302	1/6/25	DUP	Trichloroethene		81	ug/L	DIJL
W-2302	1/6/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	Trichlorotrifluoroethane		4.8	ug/L	IJ
W-2302	1/6/25	DUP	Vinyl chloride		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	IJ
W-2302	1/6/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	IJ
W-2302	4/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	1,1-Dichloroethene		8.9	ug/L	
W-2302	4/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	Bromoform		< 0.5	ug/L	
W-2302	4/30/25	RTN	Carbon tetrachloride		0.53	ug/L	
W-2302	4/30/25	RTN	Chloroform		5.9	ug/L	
W-2302	4/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	Tetrachloroethene		12	ug/L	
W-2302	4/30/25	RTN	Trichloroethene		93	ug/L	
W-2302	4/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2302	4/30/25	RTN	Trichlorotrifluoroethane		4	ug/L	
W-2302	4/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2302	4/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	4/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	4/30/25	RTN	Tritium		< 100	pCi/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2302	7/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	1,1-Dichloroethene		8.1	ug/L	
W-2302	7/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	Bromoform		< 0.5	ug/L	
W-2302	7/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2302	7/29/25	RTN	Chloroform		4.9	ug/L	
W-2302	7/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	Tetrachloroethene		12	ug/L	
W-2302	7/29/25	RTN	Trichloroethene		77	ug/L	
W-2302	7/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2302	7/29/25	RTN	Trichlorotrifluoroethane		4.1	ug/L	
W-2302	7/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2302	7/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	7/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	11/18/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	1,1-Dichloroethene		9	ug/L	
W-2302	11/18/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	Bromoform		< 0.5	ug/L	
W-2302	11/18/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2302	11/18/25	RTN	Chloroform		5.7	ug/L	
W-2302	11/18/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	Tetrachloroethene		11	ug/L	
W-2302	11/18/25	RTN	Trichloroethene		76	ug/L	
W-2302	11/18/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2302	11/18/25	RTN	Trichlorotrifluoroethane		3.9	ug/L	
W-2302	11/18/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2302	11/18/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	11/18/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2302	11/18/25	RTN	Tritium		< 100	pCi/L	
W-2304	6/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2304	6/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	Bromoform		< 0.5	ug/L	
W-2304	6/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2304	6/17/25	RTN	Chloroform		< 0.5	ug/L	
W-2304	6/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2304	6/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-2304	6/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2304	6/17/25	RTN	Vinyl chloride		2	ug/L	
W-2304	6/17/25	RTN	cis-1,2-Dichloroethene		2.4	ug/L	
W-2304	6/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2304	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2304	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-2304	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2304	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-2304	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2304	8/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-2304	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2304	8/21/25	RTN	Vinyl chloride		1.6	ug/L	
W-2304	8/21/25	RTN	cis-1,2-Dichloroethene		2.9	ug/L	
W-2304	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2304	10/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2304	10/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2304	10/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2304	10/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2304	10/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2304	10/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2304	10/27/25	RTN	Bromoform		< 0.5	ug/L	
W-2304	10/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2304	10/27/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2304	10/27/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2304	10/27/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-2304	10/27/25	RTN	Trichloroethene	<	0.5	ug/L	
W-2304	10/27/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2304	10/27/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2304	10/27/25	RTN	Vinyl chloride		3.3	ug/L	
W-2304	10/27/25	RTN	cis-1,2-Dichloroethene		3.9	ug/L	
W-2304	10/27/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2305	1/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	1,1-Dichloroethene		42	ug/L	
W-2305	1/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	Bromoform	<	0.5	ug/L	
W-2305	1/22/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2305	1/22/25	RTN	Chloroform	<	0.5	ug/L	
W-2305	1/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	Tetrachloroethene		100	ug/L	D
W-2305	1/22/25	RTN	Trichloroethene		220	ug/L	D
W-2305	1/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2305	1/22/25	RTN	Trichlorotrifluoroethane		5.3	ug/L	
W-2305	1/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2305	1/22/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2305	1/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2305	4/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	1,1-Dichloroethene		36	ug/L	
W-2305	4/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	Bromoform	<	0.5	ug/L	
W-2305	4/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2305	4/8/25	RTN	Chloroform	<	0.5	ug/L	
W-2305	4/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	Tetrachloroethene		78	ug/L	
W-2305	4/8/25	RTN	Trichloroethene		160	ug/L	D
W-2305	4/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2305	4/8/25	RTN	Trichlorotrifluoroethane		3.3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2305	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2305	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2305	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2305	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	1,1-Dichloroethene		31	ug/L	
W-2305	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2305	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2305	7/8/25	RTN	Chloroform		< 0.5	ug/L	
W-2305	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	Tetrachloroethene		87	ug/L	
W-2305	7/8/25	RTN	Trichloroethene		160	ug/L	D
W-2305	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2305	7/8/25	RTN	Trichlorotrifluoroethane		3.5	ug/L	
W-2305	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2305	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2305	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2305	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2305	10/8/25	RTN	1,1,2-Trichloroethane		0.57	ug/L	
W-2305	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2305	10/8/25	RTN	1,1-Dichloroethene		38	ug/L	
W-2305	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2305	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2305	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2305	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2305	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-2305	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2305	10/8/25	RTN	Tetrachloroethene		75	ug/L	
W-2305	10/8/25	RTN	Trichloroethene		140	ug/L	D
W-2305	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2305	10/8/25	RTN	Trichlorotrifluoroethane		3	ug/L	
W-2305	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2305	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2305	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	3/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2501	3/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2501	3/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2501	3/11/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2501	3/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2501	3/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2501	3/11/25	RTN	Bromoform		< 0.5	ug/L	
W-2501	3/11/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2501	3/11/25	RTN	Chloroform		< 0.5	ug/L	
W-2501	3/11/25	RTN	Chromium		0.014	mg/L	
W-2501	3/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2501	3/11/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2501	3/11/25	RTN	Trichloroethene		1.8	ug/L	
W-2501	3/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2501	3/11/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-2501	3/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2501	3/11/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	3/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2501	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-2501	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2501	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-2501	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2501	4/9/25	RTN	Trichloroethene		1.7	ug/L	
W-2501	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2501	4/9/25	RTN	Trichlorotrifluoroethane		0.89	ug/L	
W-2501	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2501	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2501	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2501	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2501	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2501	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2501	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2501	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2501	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2501	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-2501	7/10/25	RTN	Chromium		0.014	mg/L	
W-2501	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2501	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2501	7/10/25	RTN	Trichloroethene		1.7	ug/L	
W-2501	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2501	7/10/25	RTN	Trichlorotrifluoroethane		0.98	ug/L	
W-2501	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2501	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2501	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-2501	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2501	10/14/25	RTN	Chloroform		< 0.5	ug/L	
W-2501	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2501	10/14/25	RTN	Trichloroethene		1.8	ug/L	
W-2501	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2501	10/14/25	RTN	Trichlorotrifluoroethane		0.89	ug/L	
W-2501	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2501	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2501	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-2502	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-2502	1/14/25	RTN	Carbon tetrachloride		0.5	ug/L	
W-2502	1/14/25	RTN	Chloroform		2.8	ug/L	
W-2502	1/14/25	RTN	Chromium		0.01	mg/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2502	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2502	1/14/25	RTN	Trichloroethene		2.3	ug/L	
W-2502	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2502	1/14/25	RTN	Trichlorotrifluoroethane		0.6	ug/L	
W-2502	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2502	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-2502	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-2502	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2502	4/9/25	RTN	Chloroform		2.5	ug/L	
W-2502	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2502	4/9/25	RTN	Trichloroethene		2.1	ug/L	
W-2502	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2502	4/9/25	RTN	Trichlorotrifluoroethane		0.55	ug/L	
W-2502	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2502	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2502	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2502	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2502	7/10/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-2502	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2502	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2502	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-2502	7/10/25	RTN	Carbon tetrachloride		0.51	ug/L	
W-2502	7/10/25	RTN	Chloroform		2.8	ug/L	
W-2502	7/10/25	RTN	Chromium		0.013	mg/L	
W-2502	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2502	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2502	7/10/25	RTN	Trichloroethene		2	ug/L	
W-2502	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2502	7/10/25	RTN	Trichlorotrifluoroethane		0.54	ug/L	
W-2502	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2502	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-2502	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-2502	10/14/25	RTN	Carbon tetrachloride		0.5	ug/L	
W-2502	10/14/25	RTN	Chloroform		2.2	ug/L	
W-2502	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2502	10/14/25	RTN	Trichloroethene		2	ug/L	
W-2502	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2502	10/14/25	RTN	Trichlorotrifluoroethane		0.5	ug/L	
W-2502	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2502	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2502	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-251	1/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-251	1/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-251	1/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-251	1/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-251	1/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-251	1/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-251	1/27/25	RTN	Bromoform		< 0.5	ug/L	
W-251	1/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-251	1/27/25	RTN	Chloroform		1.5	ug/L	
W-251	1/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-251	1/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-251	1/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-251	1/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-251	1/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-251	1/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-251	1/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-251	1/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-251	4/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-251	4/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-251	4/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-251	4/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-251	4/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-251	4/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-251	4/3/25	RTN	Bromoform		< 0.5	ug/L	
W-251	4/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-251	4/3/25	RTN	Chloroform		1.2	ug/L	
W-251	4/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-251	4/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-251	4/3/25	RTN	Trichloroethene		< 0.5	ug/L	
W-251	4/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-251	4/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-251	4/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-251	4/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-251	4/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-251	7/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-251	7/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-251	7/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-251	7/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-251	7/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-251	7/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-251	7/2/25	RTN	Bromoform		< 0.5	ug/L	
W-251	7/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-251	7/2/25	RTN	Chloroform		0.95	ug/L	
W-251	7/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-251	7/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-251	7/2/25	RTN	Trichloroethene		< 0.5	ug/L	
W-251	7/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-251	7/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-251	7/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-251	7/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-251	7/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-251	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-251	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-251	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-251	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-251	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-251	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-251	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-251	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-251	10/7/25	RTN	Chloroform		0.89	ug/L	
W-251	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-251	10/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-251	10/7/25	RTN	Trichloroethene	<	0.5	ug/L	
W-251	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-251	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-251	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-251	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-251	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-252	3/3/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-252	3/3/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-252	3/3/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-252	3/3/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-252	3/3/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-252	3/3/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-252	3/3/25	RTN	Bromoform	<	0.5	ug/L	
W-252	3/3/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-252	3/3/25	RTN	Chloroform		1.6	ug/L	
W-252	3/3/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-252	3/3/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-252	3/3/25	RTN	Trichloroethene		0.79	ug/L	
W-252	3/3/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-252	3/3/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-252	3/3/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-252	3/3/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-252	3/3/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-253	9/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-253	9/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-253	9/24/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-253	9/24/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-253	9/24/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-253	9/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-253	9/24/25	RTN	Bromoform	<	0.5	ug/L	
W-253	9/24/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-253	9/24/25	RTN	Chloroform	<	0.5	ug/L	E
W-253	9/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-253	9/24/25	RTN	Tetrachloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-253	9/24/25	RTN	Trichloroethene		< 0.5	ug/L	E
W-253	9/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-253	9/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-253	9/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-253	9/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-253	9/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-254	1/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-254	1/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-254	1/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-254	1/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-254	1/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-254	1/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-254	1/23/25	RTN	Bromoform		< 0.5	ug/L	
W-254	1/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-254	1/23/25	RTN	Chloroform		< 0.5	ug/L	
W-254	1/23/25	RTN	Chromium		0.0032	mg/L	
W-254	1/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-254	1/23/25	RTN	Tetrachloroethene		25	ug/L	
W-254	1/23/25	RTN	Trichloroethene		0.76	ug/L	
W-254	1/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-254	1/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-254	1/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-254	1/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-254	1/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-254	4/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-254	4/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-254	4/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-254	4/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-254	4/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-254	4/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-254	4/3/25	RTN	Bromoform		< 0.5	ug/L	
W-254	4/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-254	4/3/25	RTN	Chloroform		< 0.5	ug/L	
W-254	4/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-254	4/3/25	RTN	Tetrachloroethene		18	ug/L	
W-254	4/3/25	RTN	Trichloroethene		0.69	ug/L	
W-254	4/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-254	4/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-254	4/3/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-254	4/3/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-254	4/3/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-254	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-254	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-254	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-254	7/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-254	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-254	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-254	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-254	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-254	7/8/25	RTN	Chloroform	<	0.5	ug/L	
W-254	7/8/25	RTN	Chromium		0.0041	mg/L	
W-254	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-254	7/8/25	RTN	Tetrachloroethene		29	ug/L	
W-254	7/8/25	RTN	Trichloroethene		0.76	ug/L	
W-254	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-254	7/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-254	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-254	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-254	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-254	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-254	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-254	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-254	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-254	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-254	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-254	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-254	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-254	10/7/25	RTN	Chloroform	<	0.5	ug/L	
W-254	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-254	10/7/25	RTN	Tetrachloroethene		35	ug/L	
W-254	10/7/25	RTN	Trichloroethene		0.88	ug/L	
W-254	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-254	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-254	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-254	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-254	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-255	12/3/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-255	12/3/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-255	12/3/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-255	12/3/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-255	12/3/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-255	12/3/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-255	12/3/25	RTN	Bromoform	<	0.5	ug/L	
W-255	12/3/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-255	12/3/25	RTN	Chloroform	<	0.5	ug/L	
W-255	12/3/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-255	12/3/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-255	12/3/25	RTN	Trichloroethene		0.78	ug/L	
W-255	12/3/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-255	12/3/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-255	12/3/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-255	12/3/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-255	12/3/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-256	3/13/25	RTN	Benzene	<	0.4	ug/L	
W-256	3/13/25	RTN	Ethylbenzene	<	0.3	ug/L	
W-256	3/13/25	RTN	Toluene	<	0.3	ug/L	
W-256	3/13/25	RTN	Total Xylene Isomers	<	0.4	ug/L	
W-256	3/18/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-256	3/18/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-256	3/18/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-256	3/18/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-256	3/18/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-256	3/18/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-256	3/18/25	RTN	Bromoform	<	0.5	ug/L	
W-256	3/18/25	RTN	Carbon tetrachloride		5.2	ug/L	
W-256	3/18/25	RTN	Chloroform		0.6	ug/L	
W-256	3/18/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-256	3/18/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-256	3/18/25	RTN	Trichloroethene		0.86	ug/L	
W-256	3/18/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-256	3/18/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-256	3/18/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-256	3/18/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-256	3/18/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-256	4/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-256	4/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-256	4/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-256	4/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-256	4/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-256	4/15/25	RTN	Benzene		< 0.4	ug/L	
W-256	4/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-256	4/15/25	RTN	Bromoform		< 0.5	ug/L	
W-256	4/15/25	RTN	Carbon tetrachloride		5.6	ug/L	
W-256	4/15/25	RTN	Chloroform		< 0.5	ug/L	
W-256	4/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-256	4/15/25	RTN	Ethylbenzene		< 0.3	ug/L	
W-256	4/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-256	4/15/25	RTN	Toluene		< 0.3	ug/L	
W-256	4/15/25	RTN	Total Xylene Isomers		< 0.4	ug/L	
W-256	4/15/25	RTN	Trichloroethene		0.69	ug/L	
W-256	4/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-256	4/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-256	4/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-256	4/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-256	4/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-256	10/29/25	RTN	Benzene		< 0.4	ug/L	
W-256	10/29/25	RTN	Ethylbenzene		< 0.3	ug/L	
W-256	10/29/25	RTN	Toluene		< 0.3	ug/L	
W-256	10/29/25	RTN	Total Xylene Isomers		< 0.4	ug/L	
W-257	1/14/25	RTN	Tritium		< 100	pCi/L	
W-257	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-257	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-257	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-257	10/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-257	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-257	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-257	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-257	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-257	10/14/25	RTN	Chloroform		< 0.5	ug/L	
W-257	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-257	10/14/25	RTN	Tetrachloroethene		0.6	ug/L	
W-257	10/14/25	RTN	Trichloroethene		1.1	ug/L	
W-257	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-257	10/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-257	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-257	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-257	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-258	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-258	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-258	1/7/25	RTN	1,1-Dichloroethane		0.55	ug/L	
W-258	1/7/25	RTN	1,1-Dichloroethene		18	ug/L	
W-258	1/7/25	RTN	1,2-Dichloroethane		0.98	ug/L	
W-258	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-258	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-258	1/7/25	RTN	Carbon tetrachloride		2	ug/L	
W-258	1/7/25	RTN	Chloroform		13	ug/L	
W-258	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-258	1/7/25	RTN	Tetrachloroethene		17	ug/L	
W-258	1/7/25	RTN	Trichloroethene		190	ug/L	D
W-258	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-258	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-258	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-258	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-258	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-258	7/10/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-258	7/10/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-258	7/10/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-258	7/10/25	DUP	1,1-Dichloroethene		18	ug/L	
W-258	7/10/25	DUP	1,2-Dichloroethane		1	ug/L	
W-258	7/10/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-258	7/10/25	DUP	Bromoform		< 0.5	ug/L	
W-258	7/10/25	DUP	Carbon tetrachloride		1.3	ug/L	
W-258	7/10/25	DUP	Chloroform		9.8	ug/L	
W-258	7/10/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-258	7/10/25	DUP	Tetrachloroethene		14	ug/L	
W-258	7/10/25	DUP	Trichloroethene		180	ug/L	D
W-258	7/10/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-258	7/10/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	E
W-258	7/10/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-258	7/10/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-258	7/10/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-258	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-258	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-258	7/10/25	RTN	1,1-Dichloroethane		0.51	ug/L	
W-258	7/10/25	RTN	1,1-Dichloroethene		18	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-258	7/10/25	RTN	1,2-Dichloroethane		0.88	ug/L	
W-258	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-258	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-258	7/10/25	RTN	Carbon tetrachloride		1.9	ug/L	
W-258	7/10/25	RTN	Chloroform		11	ug/L	
W-258	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-258	7/10/25	RTN	Tetrachloroethene		15	ug/L	
W-258	7/10/25	RTN	Trichloroethene		190	ug/L	D
W-258	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-258	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-258	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-258	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-258	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-259	7/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-259	7/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-259	7/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-259	7/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-259	7/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-259	7/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-259	7/2/25	RTN	Bromoform		< 0.5	ug/L	
W-259	7/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-259	7/2/25	RTN	Chloroform		< 0.5	ug/L	
W-259	7/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-259	7/2/25	RTN	Tetrachloroethene		0.67	ug/L	
W-259	7/2/25	RTN	Trichloroethene		9.5	ug/L	
W-259	7/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-259	7/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-259	7/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-259	7/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-259	7/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-260	1/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-260	1/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-260	1/27/25	RTN	1,1-Dichloroethane		18	ug/L	
W-260	1/27/25	RTN	1,1-Dichloroethene		7.2	ug/L	
W-260	1/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-260	1/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-260	1/27/25	RTN	Bromoform		< 0.5	ug/L	
W-260	1/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-260	1/27/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-260	1/27/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-260	1/27/25	RTN	Tetrachloroethene		6.8	ug/L	
W-260	1/27/25	RTN	Trichloroethene		0.89	ug/L	
W-260	1/27/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-260	1/27/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-260	1/27/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-260	1/27/25	RTN	cis-1,2-Dichloroethene		0.66	ug/L	
W-260	1/27/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-260	1/27/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-260	1/27/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-260	1/27/25	DUP	1,1-Dichloroethane		20	ug/L	
W-260	1/27/25	DUP	1,1-Dichloroethene		7.8	ug/L	
W-260	1/27/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-260	1/27/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-260	1/27/25	DUP	Bromoform	<	0.5	ug/L	
W-260	1/27/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-260	1/27/25	DUP	Chloroform	<	0.5	ug/L	
W-260	1/27/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-260	1/27/25	DUP	Tetrachloroethene		7.5	ug/L	
W-260	1/27/25	DUP	Trichloroethene		1	ug/L	
W-260	1/27/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-260	1/27/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-260	1/27/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-260	1/27/25	DUP	cis-1,2-Dichloroethene		0.7	ug/L	
W-260	1/27/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-260	10/23/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-260	10/23/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-260	10/23/25	RTN	1,1-Dichloroethane		20	ug/L	
W-260	10/23/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-260	10/23/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-260	10/23/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-260	10/23/25	RTN	Bromoform	<	0.5	ug/L	O
W-260	10/23/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-260	10/23/25	RTN	Chloroform	<	0.5	ug/L	
W-260	10/23/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-260	10/23/25	RTN	Tetrachloroethene		7.6	ug/L	O
W-260	10/23/25	RTN	Trichloroethene		0.99	ug/L	
W-260	10/23/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-260	10/23/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-260	10/23/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-260	10/23/25	RTN	cis-1,2-Dichloroethene		0.68	ug/L	
W-260	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-260	10/23/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-260	10/23/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-260	10/23/25	DUP	1,1-Dichloroethane		19	ug/L	
W-260	10/23/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-260	10/23/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-260	10/23/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-260	10/23/25	DUP	Bromoform	<	0.5	ug/L	O
W-260	10/23/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-260	10/23/25	DUP	Chloroform	<	0.5	ug/L	
W-260	10/23/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-260	10/23/25	DUP	Tetrachloroethene		7.2	ug/L	O
W-260	10/23/25	DUP	Trichloroethene		1	ug/L	
W-260	10/23/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-260	10/23/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-260	10/23/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-260	10/23/25	DUP	cis-1,2-Dichloroethene		0.65	ug/L	
W-260	10/23/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	1/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	1,1-Dichloroethene		2.1	ug/L	
W-2601	1/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	Bromoform	<	0.5	ug/L	
W-2601	1/22/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2601	1/22/25	RTN	Chloroform		9	ug/L	
W-2601	1/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	Tetrachloroethene		4.4	ug/L	
W-2601	1/22/25	RTN	Trichloroethene		47	ug/L	
W-2601	1/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2601	1/22/25	RTN	Trichlorotrifluoroethane		0.92	ug/L	
W-2601	1/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2601	1/22/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	1/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2601	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2601	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2601	4/2/25	RTN	1,1-Dichloroethene		2.3	ug/L	
W-2601	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2601	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2601	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-2601	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2601	4/2/25	RTN	Chloroform		8.4	ug/L	
W-2601	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2601	4/2/25	RTN	Tetrachloroethene		3.8	ug/L	
W-2601	4/2/25	RTN	Trichloroethene		42	ug/L	
W-2601	4/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2601	4/2/25	RTN	Trichlorotrifluoroethane		0.9	ug/L	
W-2601	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2601	4/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	4/2/25	RTN	Tritium	<	100	pCi/L	
W-2601	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	1,1-Dichloroethene		1.9	ug/L	
W-2601	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-2601	7/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2601	7/8/25	RTN	Chloroform		8	ug/L	
W-2601	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	Tetrachloroethene		3.8	ug/L	
W-2601	7/8/25	RTN	Trichloroethene		37	ug/L	
W-2601	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2601	7/8/25	RTN	Trichlorotrifluoroethane		0.82	ug/L	
W-2601	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2601	7/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2601	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2601	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2601	10/7/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-2601	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2601	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2601	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2601	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2601	10/7/25	RTN	Chloroform		8.6	ug/L	
W-2601	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2601	10/7/25	RTN	Tetrachloroethene		4.1	ug/L	
W-2601	10/7/25	RTN	Trichloroethene		41	ug/L	
W-2601	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2601	10/7/25	RTN	Trichlorotrifluoroethane		0.92	ug/L	
W-2601	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2601	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2601	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2602	4/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2602	4/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2602	4/28/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2602	4/28/25	RTN	1,1-Dichloroethene		3.4	ug/L	
W-2602	4/28/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2602	4/28/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2602	4/28/25	RTN	Bromoform	<	0.5	ug/L	
W-2602	4/28/25	RTN	Carbon tetrachloride		1.4	ug/L	
W-2602	4/28/25	RTN	Chloroform		2.1	ug/L	
W-2602	4/28/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2602	4/28/25	RTN	Tetrachloroethene		3.2	ug/L	
W-2602	4/28/25	RTN	Trichloroethene		180	ug/L	D
W-2602	4/28/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	E
W-2602	4/28/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-2602	4/28/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2602	4/28/25	RTN	cis-1,2-Dichloroethene		1.2	ug/L	
W-2602	4/28/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2602	4/28/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2602	4/28/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2602	4/28/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-2602	4/28/25	DUP	1,1-Dichloroethene		3.8	ug/L	
W-2602	4/28/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-2602	4/28/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-2602	4/28/25	DUP	Bromoform	<	0.5	ug/L	
W-2602	4/28/25	DUP	Carbon tetrachloride		1.8	ug/L	
W-2602	4/28/25	DUP	Chloroform		2.2	ug/L	
W-2602	4/28/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-2602	4/28/25	DUP	Tetrachloroethene		3.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2602	4/28/25	DUP	Trichloroethene		190	ug/L	D
W-2602	4/28/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2602	4/28/25	DUP	Trichlorotrifluoroethane		1.1	ug/L	
W-2602	4/28/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2602	4/28/25	DUP	cis-1,2-Dichloroethene		1.3	ug/L	
W-2602	4/28/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2602	12/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2602	12/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2602	12/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2602	12/9/25	RTN	1,1-Dichloroethene		3.4	ug/L	
W-2602	12/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2602	12/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2602	12/9/25	RTN	Bromoform		< 0.5	ug/L	
W-2602	12/9/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-2602	12/9/25	RTN	Chloroform		1.9	ug/L	
W-2602	12/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2602	12/9/25	RTN	Tetrachloroethene		2.3	ug/L	
W-2602	12/9/25	RTN	Trichloroethene		140	ug/L	D
W-2602	12/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	E
W-2602	12/9/25	RTN	Trichlorotrifluoroethane		0.74	ug/L	
W-2602	12/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2602	12/9/25	RTN	cis-1,2-Dichloroethene		0.96	ug/L	
W-2602	12/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2602	12/9/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-2602	12/9/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	Bromoform		< 0.5	ug/L	
W-2602	12/9/25	DUP	Carbon tetrachloride		1.6	ug/L	
W-2602	12/9/25	DUP	Chloroform		2.2	ug/L	
W-2602	12/9/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	Tetrachloroethene		3	ug/L	
W-2602	12/9/25	DUP	Trichloroethene		130	ug/L	D
W-2602	12/9/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2602	12/9/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2602	12/9/25	DUP	cis-1,2-Dichloroethene		0.95	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2602	12/9/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2603	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2603	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-2603	12/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2603	12/8/25	RTN	Chloroform		2	ug/L	
W-2603	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	Tetrachloroethene		2.7	ug/L	
W-2603	12/8/25	RTN	Trichloroethene		2.9	ug/L	
W-2603	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2603	12/8/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-2603	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2603	12/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2603	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2603	12/22/25	RTN	Chromium		0.0086	mg/L	
W-2603	12/22/25	RTN	Hexavalent Chromium		0.0078	mg/L	
W-2604A	5/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2604A	5/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Bromoform		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Chloroform		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2604A	5/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2604A	5/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2604A	5/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2604A	7/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2604A	7/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2604A	7/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Bromoform		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Chloroform		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Tetrachloroethene		2.2	ug/L	
W-2604A	7/22/25	RTN	Trichloroethene		2.6	ug/L	
W-2604A	7/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2604A	7/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2604A	7/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2604A	7/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2604B	10/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2604B	10/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Bromoform		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Chloroform		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Trichloroethene		1.8	ug/L	
W-2604B	10/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2604B	10/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2604B	10/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2604B	10/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2606	5/7/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2606	5/7/25	DUP	1,1,2-Trichloroethane		0.63	ug/L	
W-2606	5/7/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2606	5/7/25	DUP	1,1-Dichloroethene		0.61	ug/L	
W-2606	5/7/25	DUP	1,2-Dichloroethane		1.1	ug/L	
W-2606	5/7/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2606	5/7/25	DUP	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2606	5/7/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-2606	5/7/25	DUP	Chloroform	<	0.5	ug/L	
W-2606	5/7/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-2606	5/7/25	DUP	Tetrachloroethene		1.4	ug/L	
W-2606	5/7/25	DUP	Trichloroethene		6	ug/L	
W-2606	5/7/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-2606	5/7/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2606	5/7/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-2606	5/7/25	DUP	cis-1,2-Dichloroethene		8.7	ug/L	
W-2606	5/7/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2606	5/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2606	5/7/25	RTN	1,1,2-Trichloroethane		0.61	ug/L	
W-2606	5/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2606	5/7/25	RTN	1,1-Dichloroethene		0.65	ug/L	
W-2606	5/7/25	RTN	1,2-Dichloroethane		1.1	ug/L	
W-2606	5/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2606	5/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2606	5/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2606	5/7/25	RTN	Chloroform	<	0.5	ug/L	
W-2606	5/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2606	5/7/25	RTN	Tetrachloroethene		1.3	ug/L	
W-2606	5/7/25	RTN	Trichloroethene		5.9	ug/L	
W-2606	5/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2606	5/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2606	5/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2606	5/7/25	RTN	cis-1,2-Dichloroethene		8.8	ug/L	
W-2606	5/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2606	10/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2606	10/15/25	RTN	1,1,2-Trichloroethane		0.96	ug/L	
W-2606	10/15/25	RTN	1,1-Dichloroethane		0.56	ug/L	
W-2606	10/15/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-2606	10/15/25	RTN	1,2-Dichloroethane		1.7	ug/L	
W-2606	10/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2606	10/15/25	RTN	Bromoform	<	0.5	ug/L	
W-2606	10/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2606	10/15/25	RTN	Chloroform		0.81	ug/L	
W-2606	10/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2606	10/15/25	RTN	Tetrachloroethene		3.6	ug/L	
W-2606	10/15/25	RTN	Trichloroethene		14	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2606	10/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2606	10/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2606	10/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2606	10/15/25	RTN	cis-1,2-Dichloroethene		8	ug/L	
W-2606	10/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2606	10/15/25	RTN	Tritium		3330	pCi/L	
W-2606	10/15/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2606	10/15/25	DUP	1,1,2-Trichloroethane		0.83	ug/L	
W-2606	10/15/25	DUP	1,1-Dichloroethane		0.58	ug/L	
W-2606	10/15/25	DUP	1,1-Dichloroethene		1.6	ug/L	
W-2606	10/15/25	DUP	1,2-Dichloroethane		1.6	ug/L	
W-2606	10/15/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-2606	10/15/25	DUP	Bromoform	<	0.5	ug/L	
W-2606	10/15/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-2606	10/15/25	DUP	Chloroform		0.74	ug/L	
W-2606	10/15/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-2606	10/15/25	DUP	Tetrachloroethene		3.3	ug/L	
W-2606	10/15/25	DUP	Trichloroethene		13	ug/L	
W-2606	10/15/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-2606	10/15/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2606	10/15/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-2606	10/15/25	DUP	cis-1,2-Dichloroethene		8.2	ug/L	
W-2606	10/15/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2607	3/18/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2607	3/18/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2607	3/18/25	RTN	1,1-Dichloroethane		0.78	ug/L	
W-2607	3/18/25	RTN	1,1-Dichloroethene		4.8	ug/L	
W-2607	3/18/25	RTN	1,2-Dichloroethane		0.72	ug/L	
W-2607	3/18/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2607	3/18/25	RTN	Bromoform	<	0.5	ug/L	
W-2607	3/18/25	RTN	Carbon tetrachloride		1.6	ug/L	
W-2607	3/18/25	RTN	Chloroform		1.9	ug/L	
W-2607	3/18/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2607	3/18/25	RTN	Tetrachloroethene		17	ug/L	
W-2607	3/18/25	RTN	Trichloroethene		24	ug/L	
W-2607	3/18/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2607	3/18/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2607	3/18/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2607	3/18/25	RTN	cis-1,2-Dichloroethene		45	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2607	3/18/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2607	5/7/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	HL
W-2607	5/7/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	H
W-2607	5/7/25	DUP	1,1-Dichloroethane		0.61	ug/L	H
W-2607	5/7/25	DUP	1,1-Dichloroethene		4.4	ug/L	H
W-2607	5/7/25	DUP	1,2-Dichloroethane		0.68	ug/L	H
W-2607	5/7/25	DUP	Bromodichloromethane	<	0.5	ug/L	H
W-2607	5/7/25	DUP	Bromoform	<	0.5	ug/L	H
W-2607	5/7/25	DUP	Carbon tetrachloride		1.6	ug/L	HL
W-2607	5/7/25	DUP	Chloroform		1.3	ug/L	H
W-2607	5/7/25	DUP	Dibromochloromethane	<	0.5	ug/L	H
W-2607	5/7/25	DUP	Tetrachloroethene		15	ug/L	H
W-2607	5/7/25	DUP	Trichloroethene		19	ug/L	H
W-2607	5/7/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	H
W-2607	5/7/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	H
W-2607	5/7/25	DUP	Vinyl chloride	<	0.5	ug/L	H
W-2607	5/7/25	DUP	cis-1,2-Dichloroethene		42	ug/L	HL
W-2607	5/7/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	H
W-2607	5/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2607	5/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2607	5/7/25	RTN	1,1-Dichloroethane		0.56	ug/L	
W-2607	5/7/25	RTN	1,1-Dichloroethene		3.5	ug/L	
W-2607	5/7/25	RTN	1,2-Dichloroethane		0.51	ug/L	
W-2607	5/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2607	5/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2607	5/7/25	RTN	Carbon tetrachloride		1.7	ug/L	
W-2607	5/7/25	RTN	Chloroform		1.1	ug/L	
W-2607	5/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2607	5/7/25	RTN	Tetrachloroethene		12	ug/L	
W-2607	5/7/25	RTN	Trichloroethene		17	ug/L	
W-2607	5/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2607	5/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2607	5/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2607	5/7/25	RTN	cis-1,2-Dichloroethene		38	ug/L	
W-2607	5/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2607	12/11/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2607	12/11/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2607	12/11/25	DUP	1,1-Dichloroethane		0.5	ug/L	
W-2607	12/11/25	DUP	1,1-Dichloroethene		4.3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2607	12/11/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2607	12/11/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2607	12/11/25	DUP	Bromoform		< 0.5	ug/L	
W-2607	12/11/25	DUP	Carbon tetrachloride		1.5	ug/L	
W-2607	12/11/25	DUP	Chloroform		1	ug/L	
W-2607	12/11/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2607	12/11/25	DUP	Tetrachloroethene		13	ug/L	
W-2607	12/11/25	DUP	Trichloroethene		15	ug/L	
W-2607	12/11/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2607	12/11/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	E
W-2607	12/11/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2607	12/11/25	DUP	cis-1,2-Dichloroethene		33	ug/L	
W-2607	12/11/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2607	12/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	1,1-Dichloroethene		3.8	ug/L	
W-2607	12/11/25	RTN	1,2-Dichloroethane		0.5	ug/L	
W-2607	12/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	Bromoform		< 0.5	ug/L	
W-2607	12/11/25	RTN	Carbon tetrachloride		1.8	ug/L	
W-2607	12/11/25	RTN	Chloroform		1	ug/L	
W-2607	12/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	Tetrachloroethene		14	ug/L	
W-2607	12/11/25	RTN	Trichloroethene		16	ug/L	
W-2607	12/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2607	12/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2607	12/11/25	RTN	cis-1,2-Dichloroethene		32	ug/L	
W-2607	12/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2607	12/11/25	RTN	Tritium		3700	pCi/L	
W-2611	1/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-2611	1/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2611	1/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2611	1/23/25	RTN	Chloroform		< 0.5	ug/L	
W-2611	1/23/25	RTN	Chromium		< 0.001	mg/L	
W-2611	1/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	Hexavalent Chromium		0.0046	mg/L	H
W-2611	1/23/25	RTN	Tetrachloroethene		0.54	ug/L	
W-2611	1/23/25	RTN	Trichloroethene		100	ug/L	D
W-2611	1/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2611	1/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2611	1/23/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-2611	1/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2611	4/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2611	4/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2611	4/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2611	4/23/25	RTN	Chloroform		< 0.5	ug/L	
W-2611	4/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	Tetrachloroethene		0.56	ug/L	
W-2611	4/23/25	RTN	Trichloroethene		86	ug/L	D
W-2611	4/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2611	4/23/25	RTN	Vinyl chloride		0.65	ug/L	
W-2611	4/23/25	RTN	cis-1,2-Dichloroethene		2.2	ug/L	
W-2611	4/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2611	7/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	1,1-Dichloroethene		1	ug/L	
W-2611	7/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2611	7/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2611	7/24/25	RTN	Chloroform		< 0.5	ug/L	
W-2611	7/24/25	RTN	Chromium		< 0.001	mg/L	
W-2611	7/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2611	7/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2611	7/24/25	RTN	Trichloroethene		58	ug/L	
W-2611	7/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2611	7/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2611	7/24/25	RTN	cis-1,2-Dichloroethene		1.1	ug/L	
W-2611	7/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2611	10/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-2611	10/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	Bromoform		< 0.5	ug/L	O
W-2611	10/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2611	10/22/25	RTN	Chloroform		< 0.5	ug/L	
W-2611	10/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	Tetrachloroethene		< 0.5	ug/L	O
W-2611	10/22/25	RTN	Trichloroethene		90	ug/L	
W-2611	10/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2611	10/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2611	10/22/25	RTN	cis-1,2-Dichloroethene		2.8	ug/L	
W-2611	10/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2612	1/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2612	1/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2612	1/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2612	1/23/25	RTN	Chloroform		0.63	ug/L	
W-2612	1/23/25	RTN	Chromium		0.0019	mg/L	
W-2612	1/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-2612	1/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2612	1/23/25	RTN	Trichloroethene		75	ug/L	
W-2612	1/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2612	1/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2612	1/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2612	1/23/25	RTN	cis-1,2-Dichloroethene		0.85	ug/L	
W-2612	1/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2612	4/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2612	4/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2612	4/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2612	4/23/25	RTN	Chloroform		0.57	ug/L	
W-2612	4/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2612	4/23/25	RTN	Trichloroethene		38	ug/L	
W-2612	4/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2612	4/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2612	4/23/25	RTN	cis-1,2-Dichloroethene		0.85	ug/L	
W-2612	4/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2612	7/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2612	7/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2612	7/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2612	7/24/25	RTN	Chloroform		0.5	ug/L	
W-2612	7/24/25	RTN	Chromium		0.0019	mg/L	
W-2612	7/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2612	7/24/25	RTN	Trichloroethene		33	ug/L	
W-2612	7/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2612	7/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2612	7/24/25	RTN	cis-1,2-Dichloroethene		0.99	ug/L	
W-2612	7/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2612	10/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2612	10/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	Bromoform		< 0.5	ug/L	O
W-2612	10/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2612	10/22/25	RTN	Chloroform		0.51	ug/L	
W-2612	10/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	Tetrachloroethene		< 0.5	ug/L	O
W-2612	10/22/25	RTN	Trichloroethene		38	ug/L	
W-2612	10/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2612	10/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2612	10/22/25	RTN	cis-1,2-Dichloroethene		0.69	ug/L	
W-2612	10/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2616	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	1,1-Dichloroethene		1.7	ug/L	
W-2616	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-2616	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2616	1/14/25	RTN	Chloroform		< 0.5	ug/L	
W-2616	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	Tetrachloroethene		2	ug/L	
W-2616	1/14/25	RTN	Trichloroethene		160	ug/L	D
W-2616	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2616	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2616	1/14/25	RTN	cis-1,2-Dichloroethene		3.3	ug/L	
W-2616	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2616	1/14/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	1,1-Dichloroethene		1.8	ug/L	
W-2616	1/14/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2616	1/14/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	Bromoform		< 0.5	ug/L	
W-2616	1/14/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-2616	1/14/25	DUP	Chloroform		< 0.5	ug/L	
W-2616	1/14/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	Tetrachloroethene		2.1	ug/L	
W-2616	1/14/25	DUP	Trichloroethene		170	ug/L	D
W-2616	1/14/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2616	1/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2616	1/14/25	DUP	cis-1,2-Dichloroethene		3.3	ug/L	
W-2616	1/14/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2616	4/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2616	4/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2616	4/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2616	4/24/25	RTN	Chloroform		< 0.5	ug/L	
W-2616	4/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	Tetrachloroethene		2.2	ug/L	
W-2616	4/24/25	RTN	Trichloroethene		140	ug/L	D
W-2616	4/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2616	4/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2616	4/24/25	RTN	cis-1,2-Dichloroethene		3.9	ug/L	
W-2616	4/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2616	7/29/25	RTN	Tritium		< 100	pCi/L	
W-2616	11/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-2616	11/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	Bromoform		< 0.5	ug/L	
W-2616	11/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2616	11/20/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2616	11/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	Tetrachloroethene		2.5	ug/L	
W-2616	11/20/25	RTN	Trichloroethene		170	ug/L	D
W-2616	11/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2616	11/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2616	11/20/25	RTN	cis-1,2-Dichloroethene		3.4	ug/L	
W-2616	11/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2616	11/20/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	1,1-Dichloroethene		2.1	ug/L	
W-2616	11/20/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	Bromoform		< 0.5	ug/L	
W-2616	11/20/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-2616	11/20/25	DUP	Chloroform		< 0.5	ug/L	
W-2616	11/20/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	Tetrachloroethene		2.5	ug/L	
W-2616	11/20/25	DUP	Trichloroethene		150	ug/L	D
W-2616	11/20/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2616	11/20/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2616	11/20/25	DUP	cis-1,2-Dichloroethene		3.3	ug/L	
W-2616	11/20/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2617	8/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	1,1-Dichloroethene		1	ug/L	
W-2617	8/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	Bromoform		< 0.5	ug/L	
W-2617	8/27/25	RTN	Carbon tetrachloride		3.2	ug/L	
W-2617	8/27/25	RTN	Chloroform		4.1	ug/L	
W-2617	8/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	Tetrachloroethene		2.7	ug/L	
W-2617	8/27/25	RTN	Trichloroethene		230	ug/L	D
W-2617	8/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2617	8/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2617	8/27/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2617	8/27/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2617	8/27/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2617	8/27/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	1,1-Dichloroethene		1.4	ug/L	
W-2617	8/27/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	Bromoform	<	0.5	ug/L	
W-2617	8/27/25	DUP	Carbon tetrachloride		5	ug/L	
W-2617	8/27/25	DUP	Chloroform		6	ug/L	
W-2617	8/27/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	Tetrachloroethene		3.3	ug/L	
W-2617	8/27/25	DUP	Trichloroethene		243	ug/L	D
W-2617	8/27/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-2617	8/27/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-2617	8/27/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2617	8/27/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2617	8/27/25	RTN	Tritium	<	100	pCi/L	
W-2618	2/19/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-2618	2/19/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	Bromoform	<	0.5	ug/L	
W-2618	2/19/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-2618	2/19/25	RTN	Chloroform	<	0.5	ug/L	
W-2618	2/19/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	Tetrachloroethene		9.7	ug/L	
W-2618	2/19/25	RTN	Trichloroethene		56	ug/L	
W-2618	2/19/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2618	2/19/25	RTN	Trichlorotrifluoroethane		0.51	ug/L	
W-2618	2/19/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2618	2/19/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-2618	2/19/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2618	4/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2618	4/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2618	4/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2618	4/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2618	4/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2618	4/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2618	4/24/25	RTN	Bromoform		< 0.5	ug/L	
W-2618	4/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2618	4/24/25	RTN	Chloroform		< 0.5	ug/L	
W-2618	4/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2618	4/24/25	RTN	Tetrachloroethene		11	ug/L	
W-2618	4/24/25	RTN	Trichloroethene		55	ug/L	
W-2618	4/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2618	4/24/25	RTN	Trichlorotrifluoroethane		0.74	ug/L	
W-2618	4/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2618	4/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2618	4/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2618	7/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2618	7/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2618	7/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2618	7/23/25	RTN	Chloroform		< 0.5	ug/L	
W-2618	7/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	Tetrachloroethene		9.6	ug/L	
W-2618	7/23/25	RTN	Trichloroethene		52	ug/L	
W-2618	7/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2618	7/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2618	7/23/25	RTN	cis-1,2-Dichloroethene		0.92	ug/L	
W-2618	7/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2618	7/23/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2618	7/23/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2618	7/23/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-2618	7/23/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-2618	7/23/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-2618	7/23/25	DUP	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2618	7/23/25	DUP	Bromoform		< 0.5	ug/L	
W-2618	7/23/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-2618	7/23/25	DUP	Chloroform		< 0.5	ug/L	
W-2618	7/23/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-2618	7/23/25	DUP	Tetrachloroethene		9	ug/L	
W-2618	7/23/25	DUP	Trichloroethene		49	ug/L	
W-2618	7/23/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-2618	7/23/25	DUP	Trichlorotrifluoroethane		0.52	ug/L	
W-2618	7/23/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-2618	7/23/25	DUP	cis-1,2-Dichloroethene		0.55	ug/L	
W-2618	7/23/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2618	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2618	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2618	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2618	10/23/25	RTN	Chloroform		< 0.5	ug/L	
W-2618	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	Tetrachloroethene		9.9	ug/L	
W-2618	10/23/25	RTN	Trichloroethene		56	ug/L	
W-2618	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2618	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2618	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2618	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-262	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-262	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-262	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-262	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-262	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-262	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-262	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-262	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-262	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-262	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-262	1/16/25	RTN	Tetrachloroethene		0.73	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-262	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-262	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-262	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-262	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-262	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-262	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-262	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-262	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-262	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-262	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-262	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-262	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-262	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-262	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-262	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-262	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-262	4/9/25	RTN	Tetrachloroethene		0.54	ug/L	
W-262	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-262	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-262	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-262	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-262	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-262	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-262	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-262	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-262	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-262	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-262	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-262	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-262	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-262	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-262	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-262	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-262	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-262	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-262	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-262	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-262	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-262	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-262	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-262	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-262	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-262	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-262	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-262	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-262	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-262	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-262	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-262	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-262	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-262	10/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-262	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-262	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-262	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-262	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-262	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-262	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2621	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2621	3/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-2621	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2621	3/3/25	RTN	Chloroform		< 0.5	ug/L	
W-2621	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	Tetrachloroethene		1.2	ug/L	
W-2621	3/3/25	RTN	Trichloroethene		8.5	ug/L	
W-2621	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2621	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2621	3/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2621	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2622	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2622	3/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-2622	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2622	3/3/25	RTN	Chloroform		< 0.5	ug/L	
W-2622	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	Tetrachloroethene		2.7	ug/L	
W-2622	3/3/25	RTN	Trichloroethene		13	ug/L	
W-2622	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2622	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2622	3/3/25	RTN	cis-1,2-Dichloroethene		0.87	ug/L	
W-2622	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-2623	7/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-2623	7/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	Bromoform		< 0.5	ug/L	
W-2623	7/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-2623	7/23/25	RTN	Chloroform		< 0.5	ug/L	
W-2623	7/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-2623	7/23/25	RTN	Trichloroethene		1.1	ug/L	
W-2623	7/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-2623	7/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-2623	7/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-2623	7/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-263	3/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	L
W-263	3/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-263	3/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-263	3/10/25	RTN	1,1-Dichloroethene		0.81	ug/L	
W-263	3/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-263	3/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-263	3/10/25	RTN	Bromoform		< 0.5	ug/L	
W-263	3/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	L
W-263	3/10/25	RTN	Chloroform		3	ug/L	L

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-263	3/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-263	3/10/25	RTN	Tetrachloroethene		13	ug/L	
W-263	3/10/25	RTN	Trichloroethene		1.3	ug/L	
W-263	3/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-263	3/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-263	3/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-263	3/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	L
W-263	3/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-263	3/10/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	L
W-263	3/10/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-263	3/10/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-263	3/10/25	DUP	1,1-Dichloroethene		0.96	ug/L	
W-263	3/10/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-263	3/10/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-263	3/10/25	DUP	Bromoform		< 0.5	ug/L	
W-263	3/10/25	DUP	Carbon tetrachloride		< 0.5	ug/L	L
W-263	3/10/25	DUP	Chloroform		3	ug/L	L
W-263	3/10/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-263	3/10/25	DUP	Tetrachloroethene		13	ug/L	
W-263	3/10/25	DUP	Trichloroethene		1.1	ug/L	
W-263	3/10/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-263	3/10/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-263	3/10/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-263	3/10/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	L
W-263	3/10/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-263	4/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-263	4/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-263	4/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-263	4/15/25	RTN	1,1-Dichloroethene		0.7	ug/L	
W-263	4/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-263	4/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-263	4/15/25	RTN	Bromoform		< 0.5	ug/L	
W-263	4/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-263	4/15/25	RTN	Chloroform		2.8	ug/L	
W-263	4/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-263	4/15/25	RTN	Tetrachloroethene		13	ug/L	
W-263	4/15/25	RTN	Trichloroethene		1.1	ug/L	
W-263	4/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-263	4/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	E

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-263	4/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-263	4/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-263	4/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-263	7/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-263	7/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-263	7/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-263	7/17/25	RTN	1,1-Dichloroethene		0.74	ug/L	
W-263	7/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-263	7/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-263	7/17/25	RTN	Bromoform		< 0.5	ug/L	
W-263	7/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-263	7/17/25	RTN	Chloroform		2.6	ug/L	
W-263	7/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-263	7/17/25	RTN	Tetrachloroethene		13	ug/L	
W-263	7/17/25	RTN	Trichloroethene		1.2	ug/L	
W-263	7/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-263	7/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-263	7/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-263	7/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-263	7/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-263	10/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-263	10/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-263	10/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-263	10/1/25	RTN	1,1-Dichloroethene		0.65	ug/L	
W-263	10/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-263	10/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-263	10/1/25	RTN	Bromoform		< 0.5	ug/L	
W-263	10/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-263	10/1/25	RTN	Chloroform		2.7	ug/L	
W-263	10/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-263	10/1/25	RTN	Tetrachloroethene		13	ug/L	
W-263	10/1/25	RTN	Trichloroethene		1.3	ug/L	
W-263	10/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-263	10/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-263	10/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-263	10/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-263	10/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-264	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-264	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-264	1/16/25	RTN	1,1-Dichloroethane		0.79	ug/L	
W-264	1/16/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-264	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-264	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-264	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-264	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-264	1/16/25	RTN	Chloroform		3.7	ug/L	
W-264	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-264	1/16/25	RTN	Tetrachloroethene		23	ug/L	
W-264	1/16/25	RTN	Trichloroethene		1.7	ug/L	
W-264	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-264	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-264	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-264	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-264	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-264	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-264	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-264	10/23/25	RTN	1,1-Dichloroethane		0.62	ug/L	
W-264	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-264	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-264	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-264	10/23/25	RTN	Bromoform		< 0.5	ug/L	O
W-264	10/23/25	RTN	Carbon tetrachloride		0.55	ug/L	
W-264	10/23/25	RTN	Chloroform		3.5	ug/L	
W-264	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-264	10/23/25	RTN	Tetrachloroethene		23	ug/L	O
W-264	10/23/25	RTN	Trichloroethene		1.8	ug/L	
W-264	10/23/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-264	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-264	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-264	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-264	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-265	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-265	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-265	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-265	7/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-265	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-265	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-265	7/9/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-265	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-265	7/9/25	RTN	Chloroform		< 0.5	ug/L	
W-265	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-265	7/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-265	7/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-265	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-265	7/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-265	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-265	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-265	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-267	1/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-267	1/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-267	1/21/25	RTN	1,1-Dichloroethane		1.3	ug/L	
W-267	1/21/25	RTN	1,1-Dichloroethene		3.2	ug/L	
W-267	1/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-267	1/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-267	1/21/25	RTN	Bromoform		< 0.5	ug/L	
W-267	1/21/25	RTN	Carbon tetrachloride		2.6	ug/L	
W-267	1/21/25	RTN	Chloroform		2.6	ug/L	
W-267	1/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-267	1/21/25	RTN	Tetrachloroethene		3.2	ug/L	
W-267	1/21/25	RTN	Trichloroethene		4.1	ug/L	
W-267	1/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-267	1/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-267	1/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-267	1/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-267	1/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-267	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-267	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-267	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-267	7/9/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-267	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-267	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-267	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-267	7/9/25	RTN	Carbon tetrachloride		0.5	ug/L	
W-267	7/9/25	RTN	Chloroform		3.1	ug/L	
W-267	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-267	7/9/25	RTN	Tetrachloroethene		3.6	ug/L	
W-267	7/9/25	RTN	Trichloroethene		1.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-267	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-267	7/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-267	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-267	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-267	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-268	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-268	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-268	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-268	1/6/25	RTN	1,1-Dichloroethene		2.7	ug/L	
W-268	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-268	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-268	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-268	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-268	1/6/25	RTN	Chloroform		6.3	ug/L	
W-268	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-268	1/6/25	RTN	Tetrachloroethene		0.86	ug/L	
W-268	1/6/25	RTN	Trichloroethene		7	ug/L	
W-268	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-268	1/6/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-268	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-268	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-268	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-268	5/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-268	5/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-268	5/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-268	5/12/25	RTN	1,1-Dichloroethene		1.9	ug/L	
W-268	5/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-268	5/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-268	5/12/25	RTN	Bromoform		< 0.5	ug/L	
W-268	5/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-268	5/12/25	RTN	Chloroform		3.9	ug/L	
W-268	5/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-268	5/12/25	RTN	Tetrachloroethene		0.79	ug/L	
W-268	5/12/25	RTN	Trichloroethene		6.3	ug/L	
W-268	5/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-268	5/12/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-268	5/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-268	5/12/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-268	5/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-268	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-268	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-268	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-268	7/10/25	RTN	1,1-Dichloroethene		1.5	ug/L	
W-268	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-268	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-268	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-268	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-268	7/10/25	RTN	Chloroform		2.9	ug/L	
W-268	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-268	7/10/25	RTN	Tetrachloroethene		0.81	ug/L	
W-268	7/10/25	RTN	Trichloroethene		7.7	ug/L	
W-268	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-268	7/10/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-268	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-268	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-268	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-269	9/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-269	9/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-269	9/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-269	9/29/25	RTN	1,1-Dichloroethene		2.7	ug/L	
W-269	9/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-269	9/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-269	9/29/25	RTN	Bromoform	<	0.5	ug/L	
W-269	9/29/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-269	9/29/25	RTN	Chloroform	<	0.5	ug/L	
W-269	9/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-269	9/29/25	RTN	Tetrachloroethene		0.74	ug/L	
W-269	9/29/25	RTN	Trichloroethene		1.7	ug/L	
W-269	9/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-269	9/29/25	RTN	Trichlorotrifluoroethane		0.99	ug/L	
W-269	9/29/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-269	9/29/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-269	9/29/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-269	12/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-269	12/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-269	12/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-269	12/9/25	RTN	1,1-Dichloroethene		2.3	ug/L	
W-269	12/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-269	12/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-269	12/9/25	RTN	Bromoform		< 0.5	ug/L	
W-269	12/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-269	12/9/25	RTN	Chloroform		< 0.5	ug/L	
W-269	12/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-269	12/9/25	RTN	Tetrachloroethene		0.76	ug/L	
W-269	12/9/25	RTN	Trichloroethene		1.7	ug/L	
W-269	12/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-269	12/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-269	12/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-269	12/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-269	12/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-270	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-270	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-270	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-270	1/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-270	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-270	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-270	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-270	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-270	1/6/25	RTN	Chloroform		< 0.5	ug/L	
W-270	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-270	1/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-270	1/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-270	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-270	1/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-270	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-270	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-270	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-270	4/2/25	RTN	Tritium		< 100	pCi/L	
W-270	10/28/25	RTN	Chromium		< 0.001	mg/L	
W-270	10/28/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-271	10/30/25	RTN	1,1,1-Trichloroethane		< 2.5	ug/L	D
W-271	10/30/25	RTN	1,1,2-Trichloroethane		< 2.5	ug/L	D
W-271	10/30/25	RTN	1,1-Dichloroethane		< 2.5	ug/L	D
W-271	10/30/25	RTN	1,1-Dichloroethene		16	ug/L	D
W-271	10/30/25	RTN	1,2-Dichloroethane		< 2.5	ug/L	D
W-271	10/30/25	RTN	Bromodichloromethane		< 2.5	ug/L	D
W-271	10/30/25	RTN	Bromoform		< 2.5	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-271	10/30/25	RTN	Carbon tetrachloride	<	2.5	ug/L	D
W-271	10/30/25	RTN	Chloroform	<	2.5	ug/L	D
W-271	10/30/25	RTN	Dibromochloromethane	<	2.5	ug/L	D
W-271	10/30/25	RTN	Tetrachloroethene		9	ug/L	D
W-271	10/30/25	RTN	Trichloroethene		27	ug/L	D
W-271	10/30/25	RTN	Trichlorofluoromethane	<	2.5	ug/L	D
W-271	10/30/25	RTN	Trichlorotrifluoroethane		6.3	ug/L	D
W-271	10/30/25	RTN	Vinyl chloride	<	2.5	ug/L	D
W-271	10/30/25	RTN	cis-1,2-Dichloroethene	<	2.5	ug/L	D
W-271	10/30/25	RTN	trans-1,2-Dichloroethene	<	2.5	ug/L	D
W-274	4/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-274	4/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-274	4/28/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-274	4/28/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-274	4/28/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-274	4/28/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-274	4/28/25	RTN	Bromoform	<	0.5	ug/L	
W-274	4/28/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-274	4/28/25	RTN	Chloroform	<	0.5	ug/L	
W-274	4/28/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-274	4/28/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-274	4/28/25	RTN	Trichloroethene		52	ug/L	
W-274	4/28/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-274	4/28/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-274	4/28/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-274	4/28/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-274	4/28/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-276	7/30/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-276	7/30/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-276	7/30/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-276	7/30/25	DUP	1,1-Dichloroethene		4.5	ug/L	
W-276	7/30/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-276	7/30/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-276	7/30/25	DUP	Bromoform	<	0.5	ug/L	
W-276	7/30/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-276	7/30/25	DUP	Chloroform		0.6	ug/L	
W-276	7/30/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-276	7/30/25	DUP	Tetrachloroethene		11	ug/L	
W-276	7/30/25	DUP	Trichloroethene		39	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-276	7/30/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-276	7/30/25	DUP	Trichlorotrifluoroethane		13	ug/L	
W-276	7/30/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-276	7/30/25	DUP	cis-1,2-Dichloroethene		1	ug/L	
W-276	7/30/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-276	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-276	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-276	7/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-276	7/30/25	RTN	1,1-Dichloroethene		4.5	ug/L	
W-276	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-276	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-276	7/30/25	RTN	Bromoform		< 0.5	ug/L	
W-276	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-276	7/30/25	RTN	Chloroform		0.6	ug/L	
W-276	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-276	7/30/25	RTN	Tetrachloroethene		12	ug/L	
W-276	7/30/25	RTN	Trichloroethene		37	ug/L	
W-276	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-276	7/30/25	RTN	Trichlorotrifluoroethane		14	ug/L	
W-276	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-276	7/30/25	RTN	cis-1,2-Dichloroethene		1	ug/L	
W-276	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-277	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-277	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-277	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-277	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-277	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-277	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-277	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-277	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-277	12/1/25	RTN	Chloroform		3.3	ug/L	
W-277	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-277	12/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-277	12/1/25	RTN	Trichloroethene		3.4	ug/L	
W-277	12/1/25	RTN	Trichlorofluoromethane		2.5	ug/L	
W-277	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-277	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-277	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-277	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2801	1/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	1,1-Dichloroethene		2.7	ug/L	
W-2801	1/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	Bromoform	<	0.5	ug/L	
W-2801	1/22/25	RTN	Carbon tetrachloride		2.3	ug/L	
W-2801	1/22/25	RTN	Chloroform		2.4	ug/L	
W-2801	1/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	Tetrachloroethene		4.3	ug/L	
W-2801	1/22/25	RTN	Trichloroethene		170	ug/L	D
W-2801	1/22/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2801	1/22/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-2801	1/22/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2801	1/22/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-2801	1/22/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2801	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	1,1-Dichloroethene		3.1	ug/L	
W-2801	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-2801	4/2/25	RTN	Carbon tetrachloride		2.2	ug/L	
W-2801	4/2/25	RTN	Chloroform		2.2	ug/L	
W-2801	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	Tetrachloroethene		3.6	ug/L	
W-2801	4/2/25	RTN	Trichloroethene		150	ug/L	D
W-2801	4/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2801	4/2/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-2801	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2801	4/2/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-2801	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2801	7/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2801	7/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2801	7/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2801	7/8/25	RTN	1,1-Dichloroethene		2.6	ug/L	
W-2801	7/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2801	7/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2801	7/8/25	RTN	Bromoform	<	0.5	ug/L	
W-2801	7/8/25	RTN	Carbon tetrachloride		2	ug/L	
W-2801	7/8/25	RTN	Chloroform		2	ug/L	
W-2801	7/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2801	7/8/25	RTN	Tetrachloroethene		3.8	ug/L	
W-2801	7/8/25	RTN	Trichloroethene		140	ug/L	D
W-2801	7/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2801	7/8/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-2801	7/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2801	7/8/25	RTN	cis-1,2-Dichloroethene		1.4	ug/L	
W-2801	7/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-2801	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	1,1-Dichloroethene		2.8	ug/L	
W-2801	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-2801	10/7/25	RTN	Carbon tetrachloride		2.2	ug/L	
W-2801	10/7/25	RTN	Chloroform		2	ug/L	
W-2801	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	Tetrachloroethene		3.7	ug/L	
W-2801	10/7/25	RTN	Trichloroethene		150	ug/L	D
W-2801	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-2801	10/7/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-2801	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-2801	10/7/25	RTN	cis-1,2-Dichloroethene		1.4	ug/L	
W-2801	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-290	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-290	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-290	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-290	1/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-290	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-290	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-290	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-290	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-290	1/7/25	RTN	Chloroform	<	0.5	ug/L	
W-290	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-290	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-290	1/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-290	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-290	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-290	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-290	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-290	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-291	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-291	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-291	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-291	1/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-291	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-291	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-291	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-291	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-291	1/7/25	RTN	Chloroform		< 0.5	ug/L	
W-291	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-291	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-291	1/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-291	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-291	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-291	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-291	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-291	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-292	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-292	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-292	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-292	1/7/25	RTN	1,1-Dichloroethene		0.73	ug/L	
W-292	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-292	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-292	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-292	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-292	1/7/25	RTN	Chloroform		1.6	ug/L	
W-292	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-292	1/7/25	RTN	Tetrachloroethene		1.7	ug/L	
W-292	1/7/25	RTN	Trichloroethene		15	ug/L	
W-292	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-292	1/7/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-292	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-292	1/7/25	RTN	cis-1,2-Dichloroethene		2.2	ug/L	
W-292	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-292	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-292	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-292	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-292	4/2/25	RTN	1,1-Dichloroethene		0.82	ug/L	
W-292	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-292	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-292	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-292	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-292	4/2/25	RTN	Chloroform		1.6	ug/L	
W-292	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-292	4/2/25	RTN	Tetrachloroethene		1.5	ug/L	
W-292	4/2/25	RTN	Trichloroethene		14	ug/L	
W-292	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-292	4/2/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-292	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-292	4/2/25	RTN	cis-1,2-Dichloroethene		2.2	ug/L	
W-292	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-292	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-292	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-292	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-292	7/7/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-292	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-292	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-292	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-292	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-292	7/7/25	RTN	Chloroform		1.6	ug/L	
W-292	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-292	7/7/25	RTN	Tetrachloroethene		1.7	ug/L	
W-292	7/7/25	RTN	Trichloroethene		13	ug/L	
W-292	7/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-292	7/7/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-292	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-292	7/7/25	RTN	cis-1,2-Dichloroethene		2.1	ug/L	
W-292	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-292	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-292	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-292	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-292	10/7/25	RTN	1,1-Dichloroethene		0.85	ug/L	
W-292	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-292	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-292	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-292	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-292	10/7/25	RTN	Chloroform		1.6	ug/L	
W-292	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-292	10/7/25	RTN	Tetrachloroethene		1.8	ug/L	
W-292	10/7/25	RTN	Trichloroethene		14	ug/L	
W-292	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-292	10/7/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-292	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-292	10/7/25	RTN	cis-1,2-Dichloroethene		2.1	ug/L	
W-292	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-293	3/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-293	3/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-293	3/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-293	3/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-293	3/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-293	3/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-293	3/5/25	RTN	Bromoform		< 0.5	ug/L	
W-293	3/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-293	3/5/25	RTN	Chloroform		< 0.5	ug/L	
W-293	3/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-293	3/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-293	3/5/25	RTN	Trichloroethene		< 0.5	ug/L	
W-293	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-293	3/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-293	3/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-293	3/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-293	3/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-294	3/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-294	3/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-294	3/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-294	3/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-294	3/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-294	3/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-294	3/5/25	RTN	Bromoform		< 0.5	ug/L	
W-294	3/5/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-294	3/5/25	RTN	Chloroform		< 0.5	ug/L	
W-294	3/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-294	3/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-294	3/5/25	RTN	Trichloroethene		< 0.5	ug/L	
W-294	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-294	3/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-294	3/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-294	3/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-294	3/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3001	9/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3001	9/25/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	Bromoform		< 0.5	ug/L	
W-3001	9/25/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3001	9/25/25	RTN	Chloroform		2.6	ug/L	
W-3001	9/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3001	9/25/25	RTN	Trichloroethene		5.8	ug/L	
W-3001	9/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3001	9/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3001	9/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3001	9/25/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3001	12/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3001	12/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	Bromoform		< 0.5	ug/L	
W-3001	12/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3001	12/8/25	RTN	Chloroform		2.7	ug/L	
W-3001	12/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3001	12/8/25	RTN	Trichloroethene		6.3	ug/L	
W-3001	12/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3001	12/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3001	12/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3001	12/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3001	12/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3002	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-3002	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	Bromoform		< 0.5	ug/L	
W-3002	5/1/25	RTN	Carbon tetrachloride		0.57	ug/L	
W-3002	5/1/25	RTN	Chloroform		0.78	ug/L	
W-3002	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	Tetrachloroethene		1.2	ug/L	
W-3002	5/1/25	RTN	Trichloroethene		23	ug/L	
W-3002	5/1/25	RTN	Trichlorofluoromethane		1	ug/L	
W-3002	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3002	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3002	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3002	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3002	5/1/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	1,1-Dichloroethene		1.4	ug/L	
W-3002	5/1/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	Bromoform		< 0.5	ug/L	
W-3002	5/1/25	DUP	Carbon tetrachloride		0.6	ug/L	
W-3002	5/1/25	DUP	Chloroform		0.78	ug/L	
W-3002	5/1/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	Tetrachloroethene		1.2	ug/L	
W-3002	5/1/25	DUP	Trichloroethene		24	ug/L	
W-3002	5/1/25	DUP	Trichlorofluoromethane		1.1	ug/L	
W-3002	5/1/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3002	5/1/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3002	5/1/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3002	5/1/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3003	10/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3003	10/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3003	10/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	Bromoform	<	0.5	ug/L	
W-3003	10/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3003	10/16/25	RTN	Chloroform	<	0.5	ug/L	
W-3003	10/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3003	10/16/25	RTN	Trichloroethene		1.4	ug/L	
W-3003	10/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3003	10/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3003	10/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3003	10/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3004	1/13/25	RTN	Tritium		40100	pCi/L	
W-3004	5/8/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	L
W-3004	5/8/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3004	5/8/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3004	5/8/25	DUP	1,1-Dichloroethene		3.2	ug/L	
W-3004	5/8/25	DUP	1,2-Dichloroethane		4.2	ug/L	
W-3004	5/8/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3004	5/8/25	DUP	Bromoform	<	0.5	ug/L	
W-3004	5/8/25	DUP	Carbon tetrachloride		5.6	ug/L	L
W-3004	5/8/25	DUP	Chloroform		2.6	ug/L	
W-3004	5/8/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3004	5/8/25	DUP	Tetrachloroethene		13	ug/L	
W-3004	5/8/25	DUP	Trichloroethene		350	ug/L	D
W-3004	5/8/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3004	5/8/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3004	5/8/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3004	5/8/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	L
W-3004	5/8/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3004	5/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	1,1-Dichloroethene		3.8	ug/L	
W-3004	5/8/25	RTN	1,2-Dichloroethane		5.9	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3004	5/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	Bromoform	<	0.5	ug/L	
W-3004	5/8/25	RTN	Carbon tetrachloride		9.2	ug/L	
W-3004	5/8/25	RTN	Chloroform		3.4	ug/L	
W-3004	5/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	Tetrachloroethene		18	ug/L	
W-3004	5/8/25	RTN	Trichloroethene		330	ug/L	D
W-3004	5/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3004	5/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3004	5/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3004	5/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3004	5/8/25	RTN	Tritium		27600	pCi/L	
W-3004	8/19/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	1,1-Dichloroethene		1.5	ug/L	
W-3004	8/19/25	RTN	1,2-Dichloroethane		3.1	ug/L	
W-3004	8/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	Bromoform	<	0.5	ug/L	
W-3004	8/19/25	RTN	Carbon tetrachloride		3.6	ug/L	
W-3004	8/19/25	RTN	Chloroform		1.6	ug/L	
W-3004	8/19/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	Tetrachloroethene		7.6	ug/L	LJ
W-3004	8/19/25	RTN	Trichloroethene		180	ug/L	D
W-3004	8/19/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3004	8/19/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3004	8/19/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3004	8/19/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3004	8/19/25	RTN	Tritium		27000	pCi/L	
W-3004	8/19/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3004	8/19/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3004	8/19/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3004	8/19/25	DUP	1,1-Dichloroethene		1.8	ug/L	
W-3004	8/19/25	DUP	1,2-Dichloroethane		3.5	ug/L	
W-3004	8/19/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3004	8/19/25	DUP	Bromoform	<	0.5	ug/L	
W-3004	8/19/25	DUP	Carbon tetrachloride		4.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3004	8/19/25	DUP	Chloroform		1.8	ug/L	
W-3004	8/19/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3004	8/19/25	DUP	Tetrachloroethene		8.8	ug/L	LJ
W-3004	8/19/25	DUP	Trichloroethene		190	ug/L	D
W-3004	8/19/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3004	8/19/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3004	8/19/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3004	8/19/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3004	8/19/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3004	8/19/25	DUP	Tritium		29100	pCi/L	
W-3004	12/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	1,1-Dichloroethene		4.1	ug/L	
W-3004	12/9/25	RTN	1,2-Dichloroethane		6.3	ug/L	
W-3004	12/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	Bromoform		< 0.5	ug/L	
W-3004	12/9/25	RTN	Carbon tetrachloride		8.9	ug/L	
W-3004	12/9/25	RTN	Chloroform		3.4	ug/L	
W-3004	12/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	Tetrachloroethene		21	ug/L	
W-3004	12/9/25	RTN	Trichloroethene		330	ug/L	D
W-3004	12/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3004	12/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3004	12/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3004	12/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3004	12/9/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	1,1-Dichloroethene		3.4	ug/L	
W-3004	12/9/25	DUP	1,2-Dichloroethane		6.1	ug/L	
W-3004	12/9/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	Bromoform		< 0.5	ug/L	
W-3004	12/9/25	DUP	Carbon tetrachloride		8.8	ug/L	
W-3004	12/9/25	DUP	Chloroform		3.5	ug/L	
W-3004	12/9/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	Tetrachloroethene		18	ug/L	
W-3004	12/9/25	DUP	Trichloroethene		357	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3004	12/9/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3004	12/9/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3004	12/9/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3004	12/9/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3004	12/9/25	RTN	Tritium		31500	pCi/L	
W-301	9/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-301	9/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-301	9/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-301	9/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-301	9/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-301	9/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-301	9/10/25	RTN	Bromoform		< 0.5	ug/L	
W-301	9/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-301	9/10/25	RTN	Chloroform		< 0.5	ug/L	
W-301	9/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-301	9/10/25	RTN	Tetrachloroethene		1.2	ug/L	
W-301	9/10/25	RTN	Trichloroethene		1.2	ug/L	
W-301	9/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-301	9/10/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-301	9/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-301	9/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-301	9/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-303	10/28/25	RTN	Chromium		0.028	mg/L	
W-303	10/28/25	RTN	Hexavalent Chromium		0.03	mg/L	
W-304	4/28/25	RTN	Tritium		< 100	pCi/L	
W-304	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-304	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-304	7/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-304	7/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-304	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-304	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-304	7/30/25	RTN	Bromoform		< 0.5	ug/L	
W-304	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-304	7/30/25	RTN	Chloroform		0.72	ug/L	
W-304	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-304	7/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-304	7/30/25	RTN	Trichloroethene		7.3	ug/L	
W-304	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-304	7/30/25	RTN	Trichlorotrifluoroethane		0.89	ug/L	
W-304	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-304	7/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-304	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-304	11/19/25	RTN	Chromium		0.0062	mg/L	
W-304	11/19/25	RTN	Hexavalent Chromium		0.0078	mg/L	
W-305	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-305	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-305	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-305	1/7/25	RTN	1,1-Dichloroethene		0.95	ug/L	
W-305	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-305	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-305	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-305	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-305	1/7/25	RTN	Chloroform		0.89	ug/L	
W-305	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-305	1/7/25	RTN	Tetrachloroethene		5.6	ug/L	
W-305	1/7/25	RTN	Trichloroethene		17	ug/L	
W-305	1/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-305	1/7/25	RTN	Trichlorotrifluoroethane		4.5	ug/L	
W-305	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-305	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-305	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-305	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-305	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-305	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-305	4/2/25	RTN	1,1-Dichloroethene		1	ug/L	
W-305	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-305	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-305	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-305	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-305	4/2/25	RTN	Chloroform		0.87	ug/L	
W-305	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-305	4/2/25	RTN	Tetrachloroethene		4.9	ug/L	
W-305	4/2/25	RTN	Trichloroethene		16	ug/L	
W-305	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-305	4/2/25	RTN	Trichlorotrifluoroethane		3.9	ug/L	
W-305	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-305	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-305	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-305	5/7/25	RTN	Tritium		< 100	pCi/L	
W-305	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-305	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-305	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-305	7/7/25	RTN	1,1-Dichloroethene		0.98	ug/L	
W-305	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-305	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-305	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-305	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-305	7/7/25	RTN	Chloroform		0.88	ug/L	
W-305	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-305	7/7/25	RTN	Tetrachloroethene		5.5	ug/L	
W-305	7/7/25	RTN	Trichloroethene		15	ug/L	
W-305	7/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-305	7/7/25	RTN	Trichlorotrifluoroethane		4.1	ug/L	
W-305	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-305	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-305	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-305	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-305	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-305	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-305	10/7/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-305	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-305	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-305	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-305	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-305	10/7/25	RTN	Chloroform		0.89	ug/L	
W-305	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-305	10/7/25	RTN	Tetrachloroethene		5.7	ug/L	
W-305	10/7/25	RTN	Trichloroethene		16	ug/L	
W-305	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-305	10/7/25	RTN	Trichlorotrifluoroethane		4	ug/L	
W-305	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-305	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-305	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-306	4/7/25	RTN	Chromium		0.0028	mg/L	
W-306	4/7/25	RTN	Hexavalent Chromium		< 0.002	mg/L	E
W-306	4/7/25	RTN	Lead		< 0.005	mg/L	E

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-306	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-306	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-306	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-306	4/7/25	RTN	1,1-Dichloroethene		0.71	ug/L	
W-306	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-306	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-306	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-306	4/7/25	RTN	Carbon tetrachloride		0.97	ug/L	
W-306	4/7/25	RTN	Chloroform		13	ug/L	
W-306	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-306	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-306	4/7/25	RTN	Trichloroethene		3.4	ug/L	
W-306	4/7/25	RTN	Trichlorofluoromethane		2.7	ug/L	
W-306	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-306	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-306	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-306	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-307	3/3/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-307	3/3/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-307	3/3/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-307	3/3/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-307	3/3/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-307	3/3/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-307	3/3/25	DUP	Bromoform		< 0.5	ug/L	
W-307	3/3/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-307	3/3/25	DUP	Chloroform		1.5	ug/L	
W-307	3/3/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-307	3/3/25	DUP	Tetrachloroethene		18	ug/L	
W-307	3/3/25	DUP	Trichloroethene		18	ug/L	
W-307	3/3/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-307	3/3/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-307	3/3/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-307	3/3/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-307	3/3/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-307	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-307	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-307	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-307	3/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-307	3/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-307	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-307	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-307	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-307	3/3/25	RTN	Chloroform		1.6	ug/L	
W-307	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-307	3/3/25	RTN	Tetrachloroethene		19	ug/L	
W-307	3/3/25	RTN	Trichloroethene		19	ug/L	
W-307	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-307	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-307	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-307	3/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-307	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-307	4/22/25	RTN	Chromium		0.014	mg/L	
W-307	4/22/25	RTN	Hexavalent Chromium		0.012	mg/L	
W-307	4/22/25	RTN	Lead		< 0.005	mg/L	E
W-307	11/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-307	11/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-307	11/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-307	11/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-307	11/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-307	11/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-307	11/17/25	RTN	Bromoform		< 0.5	ug/L	
W-307	11/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-307	11/17/25	RTN	Chloroform		2	ug/L	
W-307	11/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-307	11/17/25	RTN	Tetrachloroethene		26	ug/L	
W-307	11/17/25	RTN	Trichloroethene		24	ug/L	
W-307	11/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-307	11/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-307	11/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-307	11/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-307	11/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-308	1/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-308	1/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-308	1/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-308	1/30/25	RTN	1,1-Dichloroethene		0.74	ug/L	
W-308	1/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-308	1/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-308	1/30/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-308	1/30/25	RTN	Carbon tetrachloride		0.57	ug/L	
W-308	1/30/25	RTN	Chloroform		1.6	ug/L	
W-308	1/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-308	1/30/25	RTN	Tetrachloroethene		1.3	ug/L	
W-308	1/30/25	RTN	Trichloroethene		7.2	ug/L	
W-308	1/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-308	1/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-308	1/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-308	1/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-308	1/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-310	11/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-310	11/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-310	11/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-310	11/11/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-310	11/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-310	11/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-310	11/11/25	RTN	Bromoform		< 0.5	ug/L	
W-310	11/11/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-310	11/11/25	RTN	Chloroform		1.3	ug/L	
W-310	11/11/25	RTN	Chromium		0.021	mg/L	
W-310	11/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-310	11/11/25	RTN	Hexavalent Chromium		0.021	mg/L	
W-310	11/11/25	RTN	Tetrachloroethene		4.6	ug/L	
W-310	11/11/25	RTN	Trichloroethene		4.2	ug/L	
W-310	11/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-310	11/11/25	RTN	Trichlorotrifluoroethane		2.8	ug/L	
W-310	11/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-310	11/11/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-310	11/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3101	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3101	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-3101	1/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3101	1/15/25	RTN	Chloroform		0.74	ug/L	
W-3101	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3101	1/15/25	RTN	Tetrachloroethene		0.58	ug/L	
W-3101	1/15/25	RTN	Trichloroethene		6.5	ug/L	
W-3101	1/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3101	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3101	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3101	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3101	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3101	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-3101	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3101	4/7/25	RTN	Chloroform		0.69	ug/L	
W-3101	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	Tetrachloroethene		0.58	ug/L	
W-3101	4/7/25	RTN	Trichloroethene		6.5	ug/L	
W-3101	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3101	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3101	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3101	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3101	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3101	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-3101	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3101	7/10/25	RTN	Chloroform		0.72	ug/L	
W-3101	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	Tetrachloroethene		0.59	ug/L	
W-3101	7/10/25	RTN	Trichloroethene		6.1	ug/L	
W-3101	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3101	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3101	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3101	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3101	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3101	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-3101	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3101	10/7/25	RTN	Chloroform		0.74	ug/L	
W-3101	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	Tetrachloroethene		0.63	ug/L	
W-3101	10/7/25	RTN	Trichloroethene		6.3	ug/L	
W-3101	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3101	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3101	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3101	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3102	1/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3102	1/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	Bromoform	<	0.5	ug/L	
W-3102	1/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3102	1/15/25	RTN	Chloroform		2.5	ug/L	
W-3102	1/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3102	1/15/25	RTN	Trichloroethene		2.2	ug/L	
W-3102	1/15/25	RTN	Trichlorofluoromethane		2.7	ug/L	
W-3102	1/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3102	1/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3102	1/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3102	1/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3102	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3102	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3102	4/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3102	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3102	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3102	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3102	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-3102	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3102	4/7/25	RTN	Chloroform		2.4	ug/L	
W-3102	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3102	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3102	4/7/25	RTN	Trichloroethene		1.9	ug/L	
W-3102	4/7/25	RTN	Trichlorofluoromethane		2.2	ug/L	
W-3102	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3102	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3102	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3102	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3102	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3102	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-3102	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3102	7/10/25	RTN	Chloroform		2.5	ug/L	
W-3102	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3102	7/10/25	RTN	Trichloroethene		1.8	ug/L	
W-3102	7/10/25	RTN	Trichlorofluoromethane		2.2	ug/L	
W-3102	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3102	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3102	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3102	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3102	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3102	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-3102	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3102	10/7/25	RTN	Chloroform		2.5	ug/L	
W-3102	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3102	10/7/25	RTN	Trichloroethene		1.8	ug/L	
W-3102	10/7/25	RTN	Trichlorofluoromethane		2	ug/L	
W-3102	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3102	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3102	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3102	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3103	8/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3103	8/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3103	8/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3103	8/19/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3103	8/19/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3103	8/19/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3103	8/19/25	RTN	Bromoform		< 0.5	ug/L	
W-3103	8/19/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3103	8/19/25	RTN	Chloroform		6.1	ug/L	
W-3103	8/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3103	8/19/25	RTN	Tetrachloroethene		< 0.5	ug/L	L
W-3103	8/19/25	RTN	Trichloroethene		3	ug/L	
W-3103	8/19/25	RTN	Trichlorofluoromethane		2.6	ug/L	
W-3103	8/19/25	RTN	Trichlorotrifluoroethane		0.54	ug/L	
W-3103	8/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3103	8/19/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3103	8/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3106	4/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3106	4/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3106	4/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3106	4/1/25	RTN	1,1-Dichloroethene		5	ug/L	
W-3106	4/1/25	RTN	1,2-Dichloroethane		0.57	ug/L	
W-3106	4/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3106	4/1/25	RTN	Bromoform		< 0.5	ug/L	
W-3106	4/1/25	RTN	Carbon tetrachloride		0.52	ug/L	
W-3106	4/1/25	RTN	Chloroform		3.6	ug/L	
W-3106	4/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3106	4/1/25	RTN	Tetrachloroethene		7.3	ug/L	
W-3106	4/1/25	RTN	Trichloroethene		66	ug/L	
W-3106	4/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3106	4/1/25	RTN	Trichlorotrifluoroethane		0.82	ug/L	
W-3106	4/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3106	4/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3106	4/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3106	10/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3106	10/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3106	10/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3106	10/13/25	RTN	1,1-Dichloroethene		5.2	ug/L	
W-3106	10/13/25	RTN	1,2-Dichloroethane		0.63	ug/L	
W-3106	10/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3106	10/13/25	RTN	Bromoform		< 0.5	ug/L	
W-3106	10/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3106	10/13/25	RTN	Chloroform		4	ug/L	
W-3106	10/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3106	10/13/25	RTN	Tetrachloroethene		8.2	ug/L	
W-3106	10/13/25	RTN	Trichloroethene		72	ug/L	
W-3106	10/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3106	10/13/25	RTN	Trichlorotrifluoroethane		0.89	ug/L	
W-3106	10/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3106	10/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3106	10/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3107	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3107	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3107	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3107	1/14/25	RTN	1,1-Dichloroethene		2.3	ug/L	
W-3107	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3107	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3107	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-3107	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3107	1/14/25	RTN	Chloroform		5.8	ug/L	
W-3107	1/14/25	RTN	Chromium		0.022	mg/L	
W-3107	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3107	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3107	1/14/25	RTN	Trichloroethene		17	ug/L	
W-3107	1/14/25	RTN	Trichlorofluoromethane		0.63	ug/L	
W-3107	1/14/25	RTN	Trichlorotrifluoroethane		6.6	ug/L	
W-3107	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3107	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3107	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3107	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	1,1-Dichloroethene		3.2	ug/L	
W-3107	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-3107	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3107	4/2/25	RTN	Chloroform		4	ug/L	
W-3107	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3107	4/2/25	RTN	Trichloroethene		19	ug/L	
W-3107	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3107	4/2/25	RTN	Trichlorotrifluoroethane		6.6	ug/L	
W-3107	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3107	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3107	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3107	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	1,1-Dichloroethene		2.7	ug/L	
W-3107	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-3107	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3107	7/9/25	RTN	Chloroform		3.8	ug/L	
W-3107	7/9/25	RTN	Chromium		0.024	mg/L	
W-3107	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3107	7/9/25	RTN	Trichloroethene		17	ug/L	
W-3107	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3107	7/9/25	RTN	Trichlorotrifluoroethane		7.2	ug/L	
W-3107	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3107	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3107	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3107	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3107	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3107	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3107	10/7/25	RTN	1,1-Dichloroethene		3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3107	10/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3107	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3107	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-3107	10/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3107	10/7/25	RTN	Chloroform		3.6	ug/L	
W-3107	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3107	10/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3107	10/7/25	RTN	Trichloroethene		19	ug/L	
W-3107	10/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3107	10/7/25	RTN	Trichlorotrifluoroethane		8.4	ug/L	
W-3107	10/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3107	10/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3107	10/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-311	1/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-311	1/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-311	1/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-311	1/30/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-311	1/30/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-311	1/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-311	1/30/25	RTN	Bromoform	<	0.5	ug/L	
W-311	1/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-311	1/30/25	RTN	Chloroform		5	ug/L	
W-311	1/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-311	1/30/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-311	1/30/25	RTN	Trichloroethene		4.3	ug/L	
W-311	1/30/25	RTN	Trichlorofluoromethane		17	ug/L	
W-311	1/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-311	1/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-311	1/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-311	1/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-311	10/28/25	RTN	Chromium		0.019	mg/L	
W-311	10/28/25	RTN	Hexavalent Chromium		0.02	mg/L	
W-313	2/3/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-313	2/3/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-313	2/3/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-313	2/3/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-313	2/3/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-313	2/3/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-313	2/3/25	RTN	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-313	2/3/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-313	2/3/25	RTN	Chloroform	<	0.5	ug/L	
W-313	2/3/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-313	2/3/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-313	2/3/25	RTN	Trichloroethene	<	0.5	ug/L	
W-313	2/3/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-313	2/3/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-313	2/3/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-313	2/3/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-313	2/3/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-314	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-314	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-314	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-314	1/7/25	RTN	1,1-Dichloroethene		0.81	ug/L	
W-314	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-314	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-314	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-314	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-314	1/7/25	RTN	Chloroform	<	0.5	ug/L	
W-314	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-314	1/7/25	RTN	Tetrachloroethene		1.2	ug/L	
W-314	1/7/25	RTN	Trichloroethene		6.1	ug/L	
W-314	1/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-314	1/7/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-314	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-314	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-314	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-314	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-314	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-314	4/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-314	4/7/25	RTN	1,1-Dichloroethene		0.89	ug/L	
W-314	4/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-314	4/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-314	4/7/25	RTN	Bromoform	<	0.5	ug/L	
W-314	4/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-314	4/7/25	RTN	Chloroform	<	0.5	ug/L	
W-314	4/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-314	4/7/25	RTN	Tetrachloroethene		1.2	ug/L	
W-314	4/7/25	RTN	Trichloroethene		6	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-314	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-314	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-314	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-314	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-314	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-314	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-314	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-314	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-314	7/10/25	RTN	1,1-Dichloroethene		0.7	ug/L	
W-314	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-314	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-314	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-314	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-314	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-314	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-314	7/10/25	RTN	Tetrachloroethene		1.1	ug/L	
W-314	7/10/25	RTN	Trichloroethene		4.8	ug/L	
W-314	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-314	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-314	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-314	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-314	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-314	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-314	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-314	10/8/25	RTN	1,1-Dichloroethane		0.55	ug/L	
W-314	10/8/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-314	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-314	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-314	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-314	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-314	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-314	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-314	10/8/25	RTN	Tetrachloroethene		1.2	ug/L	
W-314	10/8/25	RTN	Trichloroethene		7	ug/L	
W-314	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-314	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-314	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-314	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-314	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-315	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-315	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-315	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-315	1/7/25	RTN	1,1-Dichloroethene		0.5	ug/L	
W-315	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-315	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-315	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-315	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-315	1/7/25	RTN	Chloroform		7.3	ug/L	
W-315	1/7/25	RTN	Chromium		0.04	mg/L	
W-315	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-315	1/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-315	1/7/25	RTN	Trichloroethene		6.4	ug/L	
W-315	1/7/25	RTN	Trichlorofluoromethane		16	ug/L	
W-315	1/7/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-315	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-315	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-315	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-315	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-315	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-315	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-315	4/2/25	RTN	1,1-Dichloroethene		0.55	ug/L	
W-315	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-315	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-315	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-315	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-315	4/2/25	RTN	Chloroform		7.2	ug/L	
W-315	4/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-315	4/2/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-315	4/2/25	RTN	Trichloroethene		6	ug/L	
W-315	4/2/25	RTN	Trichlorofluoromethane		15	ug/L	
W-315	4/2/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-315	4/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-315	4/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-315	4/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-315	7/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-315	7/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-315	7/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-315	7/7/25	RTN	1,1-Dichloroethene		0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-315	7/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-315	7/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-315	7/7/25	RTN	Bromoform	<	0.5	ug/L	
W-315	7/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-315	7/7/25	RTN	Chloroform		6.6	ug/L	
W-315	7/7/25	RTN	Chromium		0.036	mg/L	
W-315	7/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-315	7/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-315	7/7/25	RTN	Trichloroethene		5.5	ug/L	
W-315	7/7/25	RTN	Trichlorofluoromethane		13	ug/L	
W-315	7/7/25	RTN	Trichlorotrifluoroethane		0.99	ug/L	
W-315	7/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-315	7/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-315	7/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-315	10/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-315	10/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-315	10/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-315	10/8/25	RTN	1,1-Dichloroethene		0.69	ug/L	
W-315	10/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-315	10/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-315	10/8/25	RTN	Bromoform	<	0.5	ug/L	
W-315	10/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-315	10/8/25	RTN	Chloroform		8.2	ug/L	
W-315	10/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-315	10/8/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-315	10/8/25	RTN	Trichloroethene		6.5	ug/L	
W-315	10/8/25	RTN	Trichlorofluoromethane		15	ug/L	
W-315	10/8/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-315	10/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-315	10/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-315	10/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-316	9/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-316	9/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-316	9/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-316	9/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-316	9/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-316	9/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-316	9/15/25	RTN	Bromoform	<	0.5	ug/L	
W-316	9/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-316	9/15/25	RTN	Chloroform		1.1	ug/L	
W-316	9/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-316	9/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-316	9/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-316	9/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-316	9/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-316	9/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-316	9/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-316	9/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-317	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-317	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-317	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-317	1/7/25	RTN	1,1-Dichloroethene		0.62	ug/L	
W-317	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-317	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-317	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-317	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-317	1/7/25	RTN	Chloroform		14	ug/L	
W-317	1/7/25	RTN	Chromium		0.012	mg/L	
W-317	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-317	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-317	1/7/25	RTN	Trichloroethene		9.3	ug/L	
W-317	1/7/25	RTN	Trichlorofluoromethane		6.8	ug/L	
W-317	1/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-317	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-317	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-317	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-317	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-317	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-317	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-317	4/2/25	RTN	1,1-Dichloroethene		0.72	ug/L	
W-317	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-317	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-317	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-317	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-317	4/2/25	RTN	Chloroform		14	ug/L	
W-317	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-317	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-317	4/2/25	RTN	Trichloroethene		9.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-317	4/2/25	RTN	Trichlorofluoromethane		6.2	ug/L	
W-317	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-317	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-317	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-317	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-317	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-317	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-317	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-317	7/7/25	RTN	1,1-Dichloroethene		0.64	ug/L	
W-317	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-317	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-317	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-317	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-317	7/7/25	RTN	Chloroform		13	ug/L	
W-317	7/7/25	RTN	Chromium		0.011	mg/L	
W-317	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-317	7/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-317	7/7/25	RTN	Trichloroethene		8.4	ug/L	
W-317	7/7/25	RTN	Trichlorofluoromethane		5.4	ug/L	
W-317	7/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-317	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-317	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-317	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-317	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-317	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-317	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-317	10/8/25	RTN	1,1-Dichloroethene		0.68	ug/L	
W-317	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-317	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-317	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-317	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-317	10/8/25	RTN	Chloroform		12	ug/L	
W-317	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-317	10/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-317	10/8/25	RTN	Trichloroethene		7.8	ug/L	
W-317	10/8/25	RTN	Trichlorofluoromethane		6.2	ug/L	
W-317	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-317	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-317	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-317	10/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-320	7/31/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-320	7/31/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-320	7/31/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-320	7/31/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-320	7/31/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-320	7/31/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-320	7/31/25	RTN	Bromoform	<	0.5	ug/L	
W-320	7/31/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-320	7/31/25	RTN	Chloroform		2.1	ug/L	
W-320	7/31/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-320	7/31/25	RTN	Tetrachloroethene		0.58	ug/L	
W-320	7/31/25	RTN	Trichloroethene		2.9	ug/L	
W-320	7/31/25	RTN	Trichlorofluoromethane		5.8	ug/L	
W-320	7/31/25	RTN	Trichlorotrifluoroethane		7.8	ug/L	
W-320	7/31/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-320	7/31/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-320	7/31/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	2/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3202	2/24/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	Bromoform	<	0.5	ug/L	
W-3202	2/24/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3202	2/24/25	RTN	Chloroform	<	0.5	ug/L	
W-3202	2/24/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	Tetrachloroethene		0.87	ug/L	
W-3202	2/24/25	RTN	Trichloroethene		20	ug/L	
W-3202	2/24/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3202	2/24/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3202	2/24/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	2/24/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	6/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3202	6/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	Bromoform	<	0.5	ug/L	
W-3202	6/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3202	6/10/25	RTN	Chloroform	<	0.5	ug/L	
W-3202	6/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	Tetrachloroethene		0.77	ug/L	
W-3202	6/10/25	RTN	Trichloroethene		17	ug/L	
W-3202	6/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3202	6/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3202	6/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	6/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	8/25/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3202	8/25/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	Bromoform	<	0.5	ug/L	
W-3202	8/25/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3202	8/25/25	RTN	Chloroform	<	0.5	ug/L	
W-3202	8/25/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	Tetrachloroethene		0.78	ug/L	
W-3202	8/25/25	RTN	Trichloroethene		16	ug/L	
W-3202	8/25/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3202	8/25/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3202	8/25/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	8/25/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	12/4/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3202	12/4/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3202	12/4/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	J
W-3202	12/4/25	RTN	1,1-Dichloroethene		1	ug/L	J
W-3202	12/4/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3202	12/4/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3202	12/4/25	RTN	Bromoform	<	0.5	ug/L	
W-3202	12/4/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3202	12/4/25	RTN	Chloroform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3202	12/4/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3202	12/4/25	RTN	Tetrachloroethene		3.3	ug/L	
W-3202	12/4/25	RTN	Trichloroethene		80	ug/L	
W-3202	12/4/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3202	12/4/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	J
W-3202	12/4/25	RTN	Vinyl chloride	<	0.5	ug/L	J
W-3202	12/4/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3202	12/4/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	J
W-3204	5/1/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3204	5/1/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3204	5/1/25	RTN	1,1-Dichloroethane		0.59	ug/L	
W-3204	5/1/25	RTN	1,1-Dichloroethene		12	ug/L	
W-3204	5/1/25	RTN	1,2-Dichloroethane		2.2	ug/L	
W-3204	5/1/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3204	5/1/25	RTN	Bromoform	<	0.5	ug/L	
W-3204	5/1/25	RTN	Carbon tetrachloride		4.4	ug/L	
W-3204	5/1/25	RTN	Chloroform		2.7	ug/L	
W-3204	5/1/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3204	5/1/25	RTN	Tetrachloroethene		11	ug/L	
W-3204	5/1/25	RTN	Trichloroethene		120	ug/L	D
W-3204	5/1/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3204	5/1/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3204	5/1/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3204	5/1/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3204	5/1/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3204	5/1/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3204	5/1/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3204	5/1/25	DUP	1,1-Dichloroethane		0.6	ug/L	
W-3204	5/1/25	DUP	1,1-Dichloroethene		12	ug/L	
W-3204	5/1/25	DUP	1,2-Dichloroethane		2.2	ug/L	
W-3204	5/1/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3204	5/1/25	DUP	Bromoform	<	0.5	ug/L	
W-3204	5/1/25	DUP	Carbon tetrachloride		4.3	ug/L	
W-3204	5/1/25	DUP	Chloroform		2.7	ug/L	
W-3204	5/1/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3204	5/1/25	DUP	Tetrachloroethene		10	ug/L	
W-3204	5/1/25	DUP	Trichloroethene		110	ug/L	D
W-3204	5/1/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3204	5/1/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3204	5/1/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3204	5/1/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3204	5/1/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3204	9/15/25	RTN	Tritium		< 100	pCi/L	
W-3205	2/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3205	2/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	Bromoform		< 0.5	ug/L	
W-3205	2/20/25	RTN	Carbon tetrachloride		6.5	ug/L	
W-3205	2/20/25	RTN	Chloroform		3.4	ug/L	
W-3205	2/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	Tetrachloroethene		0.55	ug/L	
W-3205	2/20/25	RTN	Trichloroethene		370	ug/L	D
W-3205	2/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3205	2/20/25	RTN	Trichlorotrifluoroethane		3.4	ug/L	
W-3205	2/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3205	2/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3205	2/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3205	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	1,1-Dichloroethene		0.55	ug/L	
W-3205	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-3205	7/14/25	RTN	Carbon tetrachloride		7.2	ug/L	
W-3205	7/14/25	RTN	Chloroform		4.1	ug/L	
W-3205	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	Tetrachloroethene		0.64	ug/L	
W-3205	7/14/25	RTN	Trichloroethene		340	ug/L	D
W-3205	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3205	7/14/25	RTN	Trichlorotrifluoroethane		4	ug/L	
W-3205	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3205	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3205	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3205	7/14/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3205	7/14/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3205	7/14/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3205	7/14/25	DUP	1,1-Dichloroethene		0.5	ug/L	
W-3205	7/14/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-3205	7/14/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3205	7/14/25	DUP	Bromoform	<	0.5	ug/L	
W-3205	7/14/25	DUP	Carbon tetrachloride		6.8	ug/L	
W-3205	7/14/25	DUP	Chloroform		3.9	ug/L	
W-3205	7/14/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3205	7/14/25	DUP	Tetrachloroethene		0.57	ug/L	
W-3205	7/14/25	DUP	Trichloroethene		340	ug/L	D
W-3205	7/14/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3205	7/14/25	DUP	Trichlorotrifluoroethane		3.7	ug/L	
W-3205	7/14/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3205	7/14/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3205	7/14/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-322	3/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-322	3/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-322	3/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-322	3/20/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-322	3/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-322	3/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-322	3/20/25	RTN	Bromoform	<	0.5	ug/L	
W-322	3/20/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-322	3/20/25	RTN	Chloroform	<	0.5	ug/L	
W-322	3/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-322	3/20/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-322	3/20/25	RTN	Trichloroethene	<	0.5	ug/L	
W-322	3/20/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-322	3/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-322	3/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-322	3/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-322	3/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-322	4/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-322	4/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-322	4/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-322	4/14/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-322	4/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-322	4/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-322	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-322	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-322	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-322	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-322	4/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-322	4/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-322	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-322	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-322	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-322	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-322	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-322	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-322	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-322	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-322	7/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-322	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-322	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-322	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-322	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-322	7/9/25	RTN	Chloroform		< 0.5	ug/L	
W-322	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-322	7/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-322	7/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-322	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-322	7/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-322	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-322	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-322	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-322	11/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-322	11/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-322	11/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-322	11/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-322	11/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-322	11/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-322	11/4/25	RTN	Bromoform		< 0.5	ug/L	
W-322	11/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-322	11/4/25	RTN	Chloroform		< 0.5	ug/L	
W-322	11/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-322	11/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-322	11/4/25	RTN	Trichloroethene		< 0.5	ug/L	
W-322	11/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-322	11/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-322	11/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-322	11/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-322	11/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-323	3/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-323	3/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-323	3/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-323	3/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-323	3/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-323	3/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-323	3/24/25	RTN	Bromoform		< 0.5	ug/L	
W-323	3/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-323	3/24/25	RTN	Chloroform		< 0.5	ug/L	
W-323	3/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-323	3/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-323	3/24/25	RTN	Trichloroethene		< 0.5	ug/L	
W-323	3/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-323	3/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-323	3/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-323	3/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-323	3/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-323	4/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-323	4/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-323	4/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-323	4/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-323	4/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-323	4/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-323	4/17/25	RTN	Bromoform		< 0.5	ug/L	
W-323	4/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-323	4/17/25	RTN	Chloroform		< 0.5	ug/L	
W-323	4/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-323	4/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-323	4/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-323	4/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-323	4/17/25	RTN	Trichlorotrifluoroethane		2.8	ug/L	
W-323	4/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-323	4/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-323	4/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-323	7/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-323	7/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-323	7/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-323	7/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-323	7/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-323	7/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-323	7/21/25	RTN	Bromoform		< 0.5	ug/L	
W-323	7/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-323	7/21/25	RTN	Chloroform		< 0.5	ug/L	
W-323	7/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-323	7/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-323	7/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-323	7/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-323	7/21/25	RTN	Trichlorotrifluoroethane		2.8	ug/L	
W-323	7/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-323	7/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-323	7/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-323	11/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-323	11/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-323	11/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-323	11/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-323	11/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-323	11/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-323	11/4/25	RTN	Bromoform		< 0.5	ug/L	
W-323	11/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-323	11/4/25	RTN	Chloroform		< 0.5	ug/L	
W-323	11/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-323	11/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-323	11/4/25	RTN	Trichloroethene		< 0.5	ug/L	E
W-323	11/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-323	11/4/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-323	11/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-323	11/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-323	11/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-324	12/11/25	RTN	Chromium		0.011	mg/L	
W-324	12/11/25	RTN	Hexavalent Chromium		0.011	mg/L	
W-325	11/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-325	11/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-325	11/11/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-325	11/11/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-325	11/11/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-325	11/11/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-325	11/11/25	RTN	Bromoform	<	0.5	ug/L	
W-325	11/11/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-325	11/11/25	RTN	Chloroform		1.7	ug/L	
W-325	11/11/25	RTN	Chromium		0.016	mg/L	
W-325	11/11/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-325	11/11/25	RTN	Hexavalent Chromium		0.016	mg/L	
W-325	11/11/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-325	11/11/25	RTN	Trichloroethene	<	0.5	ug/L	
W-325	11/11/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-325	11/11/25	RTN	Trichlorotrifluoroethane		0.69	ug/L	
W-325	11/11/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-325	11/11/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-325	11/11/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3302	9/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3302	9/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	Bromoform	<	0.5	ug/L	
W-3302	9/29/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3302	9/29/25	RTN	Chloroform	<	0.5	ug/L	
W-3302	9/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3302	9/29/25	RTN	Trichloroethene		1.7	ug/L	
W-3302	9/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3302	9/29/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3302	9/29/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3302	9/29/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3303	4/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3303	4/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3303	4/28/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3303	4/28/25	RTN	1,1-Dichloroethene		4	ug/L	
W-3303	4/28/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3303	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3303	4/28/25	RTN	Bromoform		< 0.5	ug/L	
W-3303	4/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3303	4/28/25	RTN	Chloroform		< 0.5	ug/L	
W-3303	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3303	4/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3303	4/28/25	RTN	Trichloroethene		12	ug/L	
W-3303	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3303	4/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3303	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3303	4/28/25	RTN	cis-1,2-Dichloroethene		4.1	ug/L	
W-3303	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3303	11/17/25	RTN	Chromium		< 0.001	mg/L	
W-3303	11/17/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-3304	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	1,1-Dichloroethene		0.66	ug/L	
W-3304	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-3304	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3304	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-3304	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	Tetrachloroethene		2	ug/L	
W-3304	4/14/25	RTN	Trichloroethene		12	ug/L	
W-3304	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3304	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3304	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3304	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3304	10/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	1,1-Dichloroethene		0.65	ug/L	
W-3304	10/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	Bromoform		< 0.5	ug/L	
W-3304	10/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3304	10/29/25	RTN	Chloroform		< 0.5	ug/L	
W-3304	10/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	Tetrachloroethene		2.8	ug/L	
W-3304	10/29/25	RTN	Trichloroethene		13	ug/L	
W-3304	10/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3304	10/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3304	10/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3304	10/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	4/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3401	4/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	Bromoform		< 0.5	ug/L	
W-3401	4/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3401	4/28/25	RTN	Chloroform		0.86	ug/L	
W-3401	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	Tetrachloroethene		0.99	ug/L	
W-3401	4/28/25	RTN	Trichloroethene		3.8	ug/L	
W-3401	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3401	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3401	4/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	9/10/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3401	9/10/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3401	9/10/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3401	9/10/25	DUP	1,1-Dichloroethene		1.5	ug/L	
W-3401	9/10/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3401	9/10/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3401	9/10/25	DUP	Bromoform		< 0.5	ug/L	
W-3401	9/10/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-3401	9/10/25	DUP	Chloroform		< 0.5	ug/L	
W-3401	9/10/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3401	9/10/25	DUP	Tetrachloroethene		2.4	ug/L	
W-3401	9/10/25	DUP	Trichloroethene		11	ug/L	
W-3401	9/10/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3401	9/10/25	DUP	Trichlorotrifluoroethane		1.3	ug/L	
W-3401	9/10/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3401	9/10/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	9/10/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	9/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	1,1-Dichloroethene		0.87	ug/L	
W-3401	9/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	Bromoform		< 0.5	ug/L	
W-3401	9/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3401	9/10/25	RTN	Chloroform		< 0.5	ug/L	
W-3401	9/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	Tetrachloroethene		1.8	ug/L	
W-3401	9/10/25	RTN	Trichloroethene		7.6	ug/L	
W-3401	9/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3401	9/10/25	RTN	Trichlorotrifluoroethane		0.71	ug/L	
W-3401	9/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3401	9/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	9/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	10/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-3401	10/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	Bromoform		< 0.5	ug/L	
W-3401	10/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3401	10/29/25	RTN	Chloroform		< 0.5	ug/L	
W-3401	10/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	Tetrachloroethene		3.6	ug/L	
W-3401	10/29/25	RTN	Trichloroethene		14	ug/L	
W-3401	10/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3401	10/29/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-3401	10/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3401	10/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3401	10/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3402	10/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3402	10/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	1,1-Dichloroethene		0.94	ug/L	
W-3402	10/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	Bromoform	<	0.5	ug/L	
W-3402	10/20/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3402	10/20/25	RTN	Chloroform		1.6	ug/L	
W-3402	10/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	Tetrachloroethene		2.7	ug/L	
W-3402	10/20/25	RTN	Trichloroethene		23	ug/L	
W-3402	10/20/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3402	10/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3402	10/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3402	10/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-351	1/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-351	1/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-351	1/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-351	1/15/25	RTN	1,1-Dichloroethene		7.6	ug/L	
W-351	1/15/25	RTN	1,2-Dichloroethane		0.86	ug/L	
W-351	1/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-351	1/15/25	RTN	Bromoform	<	0.5	ug/L	
W-351	1/15/25	RTN	Carbon tetrachloride		23	ug/L	
W-351	1/15/25	RTN	Chloroform		4.5	ug/L	
W-351	1/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-351	1/15/25	RTN	Tetrachloroethene		4.6	ug/L	
W-351	1/15/25	RTN	Trichloroethene		480	ug/L	D
W-351	1/15/25	RTN	Trichlorofluoromethane		2.8	ug/L	
W-351	1/15/25	RTN	Trichlorotrifluoroethane		3.7	ug/L	
W-351	1/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-351	1/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-351	1/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-351	4/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-351	4/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-351	4/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-351	4/7/25	RTN	1,1-Dichloroethene		8.1	ug/L	
W-351	4/7/25	RTN	1,2-Dichloroethane		0.8	ug/L	
W-351	4/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-351	4/7/25	RTN	Bromoform	<	0.5	ug/L	
W-351	4/7/25	RTN	Carbon tetrachloride		21	ug/L	
W-351	4/7/25	RTN	Chloroform		4.3	ug/L	
W-351	4/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-351	4/7/25	RTN	Tetrachloroethene		4	ug/L	
W-351	4/7/25	RTN	Trichloroethene		430	ug/L	D
W-351	4/7/25	RTN	Trichlorofluoromethane		2.6	ug/L	
W-351	4/7/25	RTN	Trichlorotrifluoroethane		3.3	ug/L	
W-351	4/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-351	4/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-351	4/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-351	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-351	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-351	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-351	7/10/25	RTN	1,1-Dichloroethene		7.8	ug/L	
W-351	7/10/25	RTN	1,2-Dichloroethane		0.83	ug/L	
W-351	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-351	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-351	7/10/25	RTN	Carbon tetrachloride		21	ug/L	
W-351	7/10/25	RTN	Chloroform		4.3	ug/L	
W-351	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-351	7/10/25	RTN	Tetrachloroethene		4.3	ug/L	
W-351	7/10/25	RTN	Trichloroethene		430	ug/L	D
W-351	7/10/25	RTN	Trichlorofluoromethane		2.4	ug/L	
W-351	7/10/25	RTN	Trichlorotrifluoroethane		3.6	ug/L	
W-351	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-351	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-351	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-351	10/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-351	10/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-351	10/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-351	10/7/25	RTN	1,1-Dichloroethene		8.6	ug/L	
W-351	10/7/25	RTN	1,2-Dichloroethane		0.9	ug/L	
W-351	10/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-351	10/7/25	RTN	Bromoform	<	0.5	ug/L	
W-351	10/7/25	RTN	Carbon tetrachloride		18	ug/L	
W-351	10/7/25	RTN	Chloroform		3.6	ug/L	
W-351	10/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-351	10/7/25	RTN	Tetrachloroethene		4.3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-351	10/7/25	RTN	Trichloroethene		380	ug/L	D
W-351	10/7/25	RTN	Trichlorofluoromethane		2.8	ug/L	
W-351	10/7/25	RTN	Trichlorotrifluoroethane		2.9	ug/L	
W-351	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-351	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-351	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-353	12/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-353	12/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-353	12/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-353	12/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-353	12/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-353	12/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-353	12/4/25	RTN	Bromoform		< 0.5	ug/L	
W-353	12/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-353	12/4/25	RTN	Chloroform		< 0.5	ug/L	
W-353	12/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-353	12/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-353	12/4/25	RTN	Trichloroethene		2	ug/L	
W-353	12/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-353	12/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-353	12/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-353	12/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-353	12/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-353	12/11/25	RTN	Chromium		0.0094	mg/L	
W-353	12/11/25	RTN	Hexavalent Chromium		0.0086	mg/L	
W-354	3/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-354	3/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-354	3/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-354	3/11/25	RTN	1,1-Dichloroethene		1.7	ug/L	
W-354	3/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-354	3/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-354	3/11/25	RTN	Bromoform		< 0.5	ug/L	
W-354	3/11/25	RTN	Carbon tetrachloride		3	ug/L	
W-354	3/11/25	RTN	Chloroform		3.5	ug/L	
W-354	3/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-354	3/11/25	RTN	Tetrachloroethene		4.5	ug/L	
W-354	3/11/25	RTN	Trichloroethene		95	ug/L	
W-354	3/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-354	3/11/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-354	3/11/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-354	3/11/25	RTN	cis-1,2-Dichloroethene		1.3	ug/L	
W-354	3/11/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-354	4/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-354	4/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-354	4/28/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-354	4/28/25	RTN	1,1-Dichloroethene		1.5	ug/L	
W-354	4/28/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-354	4/28/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-354	4/28/25	RTN	Bromoform	<	0.5	ug/L	
W-354	4/28/25	RTN	Carbon tetrachloride		3.3	ug/L	
W-354	4/28/25	RTN	Chloroform		3.5	ug/L	
W-354	4/28/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-354	4/28/25	RTN	Tetrachloroethene		3.1	ug/L	
W-354	4/28/25	RTN	Trichloroethene		72	ug/L	D
W-354	4/28/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-354	4/28/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-354	4/28/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-354	4/28/25	RTN	cis-1,2-Dichloroethene		1.5	ug/L	
W-354	4/28/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-354	4/28/25	RTN	Tritium		828	pCi/L	
W-354	9/30/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-354	9/30/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-354	9/30/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-354	9/30/25	DUP	1,1-Dichloroethene		1.8	ug/L	
W-354	9/30/25	DUP	1,2-Dichloroethane		1.1	ug/L	
W-354	9/30/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-354	9/30/25	DUP	Bromoform	<	0.5	ug/L	
W-354	9/30/25	DUP	Carbon tetrachloride		3.1	ug/L	
W-354	9/30/25	DUP	Chloroform		3.4	ug/L	
W-354	9/30/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-354	9/30/25	DUP	Tetrachloroethene		3.3	ug/L	
W-354	9/30/25	DUP	Trichloroethene		84	ug/L	
W-354	9/30/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-354	9/30/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-354	9/30/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-354	9/30/25	DUP	cis-1,2-Dichloroethene		1.4	ug/L	
W-354	9/30/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-354	9/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-354	9/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-354	9/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-354	9/30/25	RTN	1,1-Dichloroethene		1.8	ug/L	
W-354	9/30/25	RTN	1,2-Dichloroethane		1.2	ug/L	
W-354	9/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-354	9/30/25	RTN	Bromoform	<	0.5	ug/L	
W-354	9/30/25	RTN	Carbon tetrachloride		3.5	ug/L	
W-354	9/30/25	RTN	Chloroform		4	ug/L	
W-354	9/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-354	9/30/25	RTN	Tetrachloroethene		2.9	ug/L	
W-354	9/30/25	RTN	Trichloroethene		67	ug/L	D
W-354	9/30/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-354	9/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-354	9/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-354	9/30/25	RTN	cis-1,2-Dichloroethene		1.6	ug/L	
W-354	9/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-354	10/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-354	10/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-354	10/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-354	10/14/25	RTN	1,1-Dichloroethene		1.6	ug/L	
W-354	10/14/25	RTN	1,2-Dichloroethane		1.3	ug/L	
W-354	10/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-354	10/14/25	RTN	Bromoform	<	0.5	ug/L	
W-354	10/14/25	RTN	Carbon tetrachloride		3.3	ug/L	
W-354	10/14/25	RTN	Chloroform		4	ug/L	
W-354	10/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-354	10/14/25	RTN	Tetrachloroethene		3.2	ug/L	
W-354	10/14/25	RTN	Trichloroethene		74	ug/L	D
W-354	10/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-354	10/14/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-354	10/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-354	10/14/25	RTN	cis-1,2-Dichloroethene		1.8	ug/L	
W-354	10/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-355	2/3/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-355	2/3/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-355	2/3/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-355	2/3/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-355	2/3/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-355	2/3/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-355	2/3/25	RTN	Bromoform		< 0.5	ug/L	
W-355	2/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-355	2/3/25	RTN	Chloroform		< 0.5	ug/L	
W-355	2/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-355	2/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-355	2/3/25	RTN	Trichloroethene		1.2	ug/L	
W-355	2/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-355	2/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-355	2/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-355	2/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-355	2/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-355	2/3/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-355	2/3/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-355	2/3/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-355	2/3/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-355	2/3/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-355	2/3/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-355	2/3/25	DUP	Bromoform		< 0.5	ug/L	
W-355	2/3/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-355	2/3/25	DUP	Chloroform		< 0.5	ug/L	
W-355	2/3/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-355	2/3/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-355	2/3/25	DUP	Trichloroethene		2	ug/L	
W-355	2/3/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-355	2/3/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-355	2/3/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-355	2/3/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-355	2/3/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-355	9/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-355	9/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-355	9/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-355	9/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-355	9/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-355	9/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-355	9/15/25	RTN	Bromoform		< 0.5	ug/L	
W-355	9/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-355	9/15/25	RTN	Chloroform		< 0.5	ug/L	
W-355	9/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-355	9/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-355	9/15/25	RTN	Trichloroethene		1.2	ug/L	
W-355	9/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-355	9/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-355	9/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-355	9/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-355	9/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-356	4/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-356	4/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-356	4/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-356	4/28/25	RTN	1,1-Dichloroethene		4.6	ug/L	
W-356	4/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-356	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-356	4/28/25	RTN	Bromoform		< 0.5	ug/L	
W-356	4/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-356	4/28/25	RTN	Chloroform		< 0.5	ug/L	
W-356	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-356	4/28/25	RTN	Tetrachloroethene		3.2	ug/L	
W-356	4/28/25	RTN	Trichloroethene		38	ug/L	
W-356	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-356	4/28/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-356	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-356	4/28/25	RTN	cis-1,2-Dichloroethene		0.84	ug/L	
W-356	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-356	4/28/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-356	4/28/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-356	4/28/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-356	4/28/25	DUP	1,1-Dichloroethene		4.7	ug/L	
W-356	4/28/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-356	4/28/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-356	4/28/25	DUP	Bromoform		< 0.5	ug/L	
W-356	4/28/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-356	4/28/25	DUP	Chloroform		< 0.5	ug/L	
W-356	4/28/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-356	4/28/25	DUP	Tetrachloroethene		3.3	ug/L	
W-356	4/28/25	DUP	Trichloroethene		38	ug/L	
W-356	4/28/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-356	4/28/25	DUP	Trichlorotrifluoroethane		1.1	ug/L	
W-356	4/28/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-356	4/28/25	DUP	cis-1,2-Dichloroethene		0.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-356	4/28/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-356	11/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-356	11/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-356	11/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-356	11/19/25	RTN	1,1-Dichloroethene		5.2	ug/L	
W-356	11/19/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-356	11/19/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-356	11/19/25	RTN	Bromoform		< 0.5	ug/L	
W-356	11/19/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-356	11/19/25	RTN	Chloroform		< 0.5	ug/L	
W-356	11/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-356	11/19/25	RTN	Tetrachloroethene		3.9	ug/L	
W-356	11/19/25	RTN	Trichloroethene		39	ug/L	
W-356	11/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-356	11/19/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-356	11/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-356	11/19/25	RTN	cis-1,2-Dichloroethene		0.72	ug/L	
W-356	11/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-356	11/19/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-356	11/19/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-356	11/19/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-356	11/19/25	DUP	1,1-Dichloroethene		4.8	ug/L	
W-356	11/19/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-356	11/19/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-356	11/19/25	DUP	Bromoform		< 0.5	ug/L	
W-356	11/19/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-356	11/19/25	DUP	Chloroform		< 0.5	ug/L	
W-356	11/19/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-356	11/19/25	DUP	Tetrachloroethene		3.4	ug/L	
W-356	11/19/25	DUP	Trichloroethene		36	ug/L	
W-356	11/19/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-356	11/19/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-356	11/19/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-356	11/19/25	DUP	cis-1,2-Dichloroethene		0.68	ug/L	
W-356	11/19/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-357	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-357	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-357	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-357	1/14/25	RTN	1,1-Dichloroethene		1.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-357	1/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-357	1/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-357	1/14/25	RTN	Bromoform	<	0.5	ug/L	
W-357	1/14/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-357	1/14/25	RTN	Chloroform		3.6	ug/L	
W-357	1/14/25	RTN	Chromium		0.018	mg/L	
W-357	1/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-357	1/14/25	RTN	Tetrachloroethene		1.3	ug/L	
W-357	1/14/25	RTN	Trichloroethene		25	ug/L	
W-357	1/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-357	1/14/25	RTN	Trichlorotrifluoroethane		3.2	ug/L	
W-357	1/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-357	1/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-357	1/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-357	4/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-357	4/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-357	4/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-357	4/9/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-357	4/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-357	4/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-357	4/9/25	RTN	Bromoform	<	0.5	ug/L	
W-357	4/9/25	RTN	Carbon tetrachloride		1.2	ug/L	
W-357	4/9/25	RTN	Chloroform		3.5	ug/L	
W-357	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-357	4/9/25	RTN	Tetrachloroethene		0.98	ug/L	
W-357	4/9/25	RTN	Trichloroethene		25	ug/L	
W-357	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-357	4/9/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-357	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-357	4/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-357	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-357	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-357	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-357	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-357	7/10/25	RTN	1,1-Dichloroethene		0.87	ug/L	
W-357	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-357	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-357	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-357	7/10/25	RTN	Carbon tetrachloride		1.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-357	7/10/25	RTN	Chloroform		3.4	ug/L	
W-357	7/10/25	RTN	Chromium		0.021	mg/L	
W-357	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-357	7/10/25	RTN	Tetrachloroethene		1	ug/L	
W-357	7/10/25	RTN	Trichloroethene		22	ug/L	
W-357	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-357	7/10/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-357	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-357	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-357	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-357	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-357	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-357	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-357	10/14/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-357	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-357	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-357	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-357	10/14/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-357	10/14/25	RTN	Chloroform		3.3	ug/L	
W-357	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-357	10/14/25	RTN	Tetrachloroethene		1.1	ug/L	
W-357	10/14/25	RTN	Trichloroethene		26	ug/L	
W-357	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-357	10/14/25	RTN	Trichlorotrifluoroethane		2.4	ug/L	
W-357	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-357	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-357	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-359	1/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-359	1/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-359	1/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-359	1/8/25	RTN	1,1-Dichloroethene		8.1	ug/L	
W-359	1/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-359	1/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-359	1/8/25	RTN	Bromoform		< 0.5	ug/L	
W-359	1/8/25	RTN	Carbon tetrachloride		1.6	ug/L	
W-359	1/8/25	RTN	Chloroform		4.5	ug/L	
W-359	1/8/25	RTN	Chromium		0.0061	mg/L	
W-359	1/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-359	1/8/25	RTN	Tetrachloroethene		6.4	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-359	1/8/25	RTN	Trichloroethene		110	ug/L	D
W-359	1/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-359	1/8/25	RTN	Trichlorotrifluoroethane		2.4	ug/L	
W-359	1/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-359	1/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-359	1/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-359	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-359	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-359	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-359	4/8/25	RTN	1,1-Dichloroethene		9.1	ug/L	
W-359	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-359	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-359	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-359	4/8/25	RTN	Carbon tetrachloride		1.6	ug/L	
W-359	4/8/25	RTN	Chloroform		4.1	ug/L	
W-359	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-359	4/8/25	RTN	Tetrachloroethene		5.7	ug/L	
W-359	4/8/25	RTN	Trichloroethene		100	ug/L	D
W-359	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-359	4/8/25	RTN	Trichlorotrifluoroethane		2.2	ug/L	
W-359	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-359	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-359	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-359	4/22/25	RTN	Tritium		< 100	pCi/L	
W-359	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-359	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-359	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-359	7/9/25	RTN	1,1-Dichloroethene		7.7	ug/L	
W-359	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-359	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-359	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-359	7/9/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-359	7/9/25	RTN	Chloroform		4.6	ug/L	
W-359	7/9/25	RTN	Chromium		0.0057	mg/L	
W-359	7/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-359	7/9/25	RTN	Tetrachloroethene		6.2	ug/L	
W-359	7/9/25	RTN	Trichloroethene		100	ug/L	D
W-359	7/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-359	7/9/25	RTN	Trichlorotrifluoroethane		2.4	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-359	7/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-359	7/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-359	7/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-359	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-359	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-359	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-359	10/7/25	RTN	1,1-Dichloroethene		9	ug/L	
W-359	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-359	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-359	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-359	10/7/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-359	10/7/25	RTN	Chloroform		5	ug/L	
W-359	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-359	10/7/25	RTN	Tetrachloroethene		6.4	ug/L	
W-359	10/7/25	RTN	Trichloroethene		110	ug/L	D
W-359	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-359	10/7/25	RTN	Trichlorotrifluoroethane		2.4	ug/L	
W-359	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-359	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-359	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3601	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	1,1-Dichloroethene		5	ug/L	
W-3601	5/1/25	RTN	1,2-Dichloroethane		0.81	ug/L	
W-3601	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	Bromoform		< 0.5	ug/L	
W-3601	5/1/25	RTN	Carbon tetrachloride		0.71	ug/L	
W-3601	5/1/25	RTN	Chloroform		0.7	ug/L	
W-3601	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	Tetrachloroethene		5.6	ug/L	
W-3601	5/1/25	RTN	Trichloroethene		55	ug/L	
W-3601	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3601	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3601	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3601	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3601	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3601	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3601	10/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3601	10/14/25	RTN	1,1-Dichloroethene		4.5	ug/L	
W-3601	10/14/25	RTN	1,2-Dichloroethane		0.99	ug/L	
W-3601	10/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3601	10/14/25	RTN	Bromoform	<	0.5	ug/L	
W-3601	10/14/25	RTN	Carbon tetrachloride		0.98	ug/L	
W-3601	10/14/25	RTN	Chloroform		0.96	ug/L	
W-3601	10/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3601	10/14/25	RTN	Tetrachloroethene		7.6	ug/L	
W-3601	10/14/25	RTN	Trichloroethene		65	ug/L	
W-3601	10/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3601	10/14/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3601	10/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3601	10/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3601	10/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3601	10/14/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	1,1-Dichloroethene		4.4	ug/L	
W-3601	10/14/25	DUP	1,2-Dichloroethane		0.93	ug/L	
W-3601	10/14/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	Bromoform	<	0.5	ug/L	
W-3601	10/14/25	DUP	Carbon tetrachloride		0.98	ug/L	
W-3601	10/14/25	DUP	Chloroform		0.93	ug/L	
W-3601	10/14/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	Tetrachloroethene		7.2	ug/L	
W-3601	10/14/25	DUP	Trichloroethene		61	ug/L	
W-3601	10/14/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3601	10/14/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3601	10/14/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3601	10/14/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3602	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3602	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3602	1/13/25	RTN	1,1-Dichloroethane		0.55	ug/L	
W-3602	1/13/25	RTN	1,1-Dichloroethene		16	ug/L	
W-3602	1/13/25	RTN	1,2-Dichloroethane		2.4	ug/L	
W-3602	1/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3602	1/13/25	RTN	Bromoform	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3602	1/13/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3602	1/13/25	RTN	Chloroform		4.4	ug/L	
W-3602	1/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3602	1/13/25	RTN	Tetrachloroethene		30	ug/L	
W-3602	1/13/25	RTN	Trichloroethene		150	ug/L	D
W-3602	1/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3602	1/13/25	RTN	Trichlorotrifluoroethane		1.1	ug/L	
W-3602	1/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3602	1/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3602	1/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3602	10/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3602	10/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3602	10/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3602	10/14/25	RTN	1,1-Dichloroethene		14	ug/L	
W-3602	10/14/25	RTN	1,2-Dichloroethane		1.9	ug/L	
W-3602	10/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3602	10/14/25	RTN	Bromoform	<	0.5	ug/L	
W-3602	10/14/25	RTN	Carbon tetrachloride		0.7	ug/L	
W-3602	10/14/25	RTN	Chloroform		3.9	ug/L	
W-3602	10/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3602	10/14/25	RTN	Tetrachloroethene		38	ug/L	
W-3602	10/14/25	RTN	Trichloroethene		140	ug/L	D
W-3602	10/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3602	10/14/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-3602	10/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3602	10/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3602	10/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3602	10/14/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3602	10/14/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3602	10/14/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3602	10/14/25	DUP	1,1-Dichloroethene		15	ug/L	
W-3602	10/14/25	DUP	1,2-Dichloroethane		1.9	ug/L	
W-3602	10/14/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3602	10/14/25	DUP	Bromoform	<	0.5	ug/L	
W-3602	10/14/25	DUP	Carbon tetrachloride		0.68	ug/L	
W-3602	10/14/25	DUP	Chloroform		3.8	ug/L	
W-3602	10/14/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3602	10/14/25	DUP	Tetrachloroethene		40	ug/L	
W-3602	10/14/25	DUP	Trichloroethene		130	ug/L	D

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3602	10/14/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3602	10/14/25	DUP	Trichlorotrifluoroethane		1.3	ug/L	
W-3602	10/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3602	10/14/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3602	10/14/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	1/13/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	1,1-Dichloroethene		1	ug/L	
W-3603	1/13/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	Bromoform		< 0.5	ug/L	
W-3603	1/13/25	DUP	Carbon tetrachloride		14	ug/L	
W-3603	1/13/25	DUP	Chloroform		9.4	ug/L	
W-3603	1/13/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	Tetrachloroethene		2.2	ug/L	
W-3603	1/13/25	DUP	Trichloroethene		360	ug/L	D
W-3603	1/13/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3603	1/13/25	DUP	Trichlorotrifluoroethane		1.3	ug/L	
W-3603	1/13/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3603	1/13/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	1/13/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	1,1-Dichloroethene		1	ug/L	
W-3603	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-3603	1/13/25	RTN	Carbon tetrachloride		18	ug/L	
W-3603	1/13/25	RTN	Chloroform		9.9	ug/L	
W-3603	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	Tetrachloroethene		2.2	ug/L	
W-3603	1/13/25	RTN	Trichloroethene		400	ug/L	D
W-3603	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3603	1/13/25	RTN	Trichlorotrifluoroethane		0.83	ug/L	
W-3603	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3603	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3603	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	1,1-Dichloroethene		0.82	ug/L	
W-3603	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-3603	4/2/25	RTN	Carbon tetrachloride		7.7	ug/L	
W-3603	4/2/25	RTN	Chloroform		9.7	ug/L	
W-3603	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	Tetrachloroethene		1.5	ug/L	
W-3603	4/2/25	RTN	Trichloroethene		280	ug/L	D
W-3603	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3603	4/2/25	RTN	Trichlorotrifluoroethane		0.5	ug/L	
W-3603	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3603	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	7/1/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	1,1-Dichloroethene		0.58	ug/L	
W-3603	7/1/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	Bromoform		< 0.5	ug/L	
W-3603	7/1/25	DUP	Carbon tetrachloride		2.4	ug/L	
W-3603	7/1/25	DUP	Chloroform		12	ug/L	
W-3603	7/1/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	Tetrachloroethene		1.5	ug/L	
W-3603	7/1/25	DUP	Trichloroethene		330	ug/L	
W-3603	7/1/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3603	7/1/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	E
W-3603	7/1/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3603	7/1/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	7/1/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	7/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	1,1-Dichloroethene		0.58	ug/L	
W-3603	7/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3603	7/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	Bromoform		< 0.5	ug/L	
W-3603	7/1/25	RTN	Carbon tetrachloride		2.5	ug/L	
W-3603	7/1/25	RTN	Chloroform		11	ug/L	
W-3603	7/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	Tetrachloroethene		1.3	ug/L	
W-3603	7/1/25	RTN	Trichloroethene		250	ug/L	D
W-3603	7/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3603	7/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3603	7/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	7/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	12/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	1,1-Dichloroethene		0.66	ug/L	
W-3603	12/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	Bromoform		< 0.5	ug/L	
W-3603	12/4/25	RTN	Carbon tetrachloride		0.72	ug/L	
W-3603	12/4/25	RTN	Chloroform		16	ug/L	
W-3603	12/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	Tetrachloroethene		1.6	ug/L	
W-3603	12/4/25	RTN	Trichloroethene		200	ug/L	D
W-3603	12/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3603	12/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3603	12/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3603	12/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-362	9/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-362	9/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-362	9/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-362	9/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-362	9/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-362	9/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-362	9/9/25	RTN	Bromoform		< 0.5	ug/L	
W-362	9/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-362	9/9/25	RTN	Chloroform		< 0.5	ug/L	
W-362	9/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-362	9/9/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-362	9/9/25	RTN	Trichloroethene		1.6	ug/L	
W-362	9/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-362	9/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-362	9/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-362	9/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-362	9/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-362	10/28/25	RTN	Chromium		0.0082	mg/L	
W-362	10/28/25	RTN	Hexavalent Chromium		0.0084	mg/L	
W-363	1/14/25	RTN	Lead	<	0.05	mg/L	
W-363	1/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-363	1/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-363	1/14/25	RTN	1,1-Dichloroethane		0.65	ug/L	
W-363	1/14/25	RTN	1,1-Dichloroethene		7.1	ug/L	
W-363	1/14/25	RTN	1,2-Dichloroethane		2.1	ug/L	
W-363	1/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-363	1/14/25	RTN	Bromoform	<	0.5	ug/L	
W-363	1/14/25	RTN	Carbon tetrachloride		1.4	ug/L	
W-363	1/14/25	RTN	Chloroform		12	ug/L	
W-363	1/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-363	1/14/25	RTN	Tetrachloroethene		15	ug/L	
W-363	1/14/25	RTN	Trichloroethene		120	ug/L	D
W-363	1/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-363	1/14/25	RTN	Trichlorotrifluoroethane		16	ug/L	
W-363	1/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-363	1/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-363	1/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-363	1/14/25	RTN	Tritium		159	pCi/L	
W-363	1/14/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-363	1/14/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-363	1/14/25	DUP	1,1-Dichloroethane		0.67	ug/L	
W-363	1/14/25	DUP	1,1-Dichloroethene		7.2	ug/L	
W-363	1/14/25	DUP	1,2-Dichloroethane		2.2	ug/L	
W-363	1/14/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-363	1/14/25	DUP	Bromoform	<	0.5	ug/L	
W-363	1/14/25	DUP	Carbon tetrachloride		1.5	ug/L	
W-363	1/14/25	DUP	Chloroform		13	ug/L	
W-363	1/14/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-363	1/14/25	DUP	Tetrachloroethene		16	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-363	1/14/25	DUP	Trichloroethene		120	ug/L	D
W-363	1/14/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-363	1/14/25	DUP	Trichlorotrifluoroethane		17	ug/L	
W-363	1/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-363	1/14/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-363	1/14/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-363	9/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-363	9/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-363	9/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-363	9/17/25	RTN	1,1-Dichloroethene		6.2	ug/L	
W-363	9/17/25	RTN	1,2-Dichloroethane		2.6	ug/L	
W-363	9/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-363	9/17/25	RTN	Bromoform		< 0.5	ug/L	
W-363	9/17/25	RTN	Carbon tetrachloride		1.3	ug/L	
W-363	9/17/25	RTN	Chloroform		11	ug/L	
W-363	9/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-363	9/17/25	RTN	Tetrachloroethene		17	ug/L	
W-363	9/17/25	RTN	Trichloroethene		130	ug/L	D
W-363	9/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-363	9/17/25	RTN	Trichlorotrifluoroethane		9.6	ug/L	
W-363	9/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-363	9/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-363	9/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-363	9/17/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-363	9/17/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-363	9/17/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-363	9/17/25	DUP	1,1-Dichloroethene		5.8	ug/L	
W-363	9/17/25	DUP	1,2-Dichloroethane		2.5	ug/L	
W-363	9/17/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-363	9/17/25	DUP	Bromoform		< 0.5	ug/L	
W-363	9/17/25	DUP	Carbon tetrachloride		1.2	ug/L	
W-363	9/17/25	DUP	Chloroform		11	ug/L	
W-363	9/17/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-363	9/17/25	DUP	Tetrachloroethene		15	ug/L	
W-363	9/17/25	DUP	Trichloroethene		120	ug/L	D
W-363	9/17/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-363	9/17/25	DUP	Trichlorotrifluoroethane		8.4	ug/L	
W-363	9/17/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-363	9/17/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-363	9/17/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-364	10/16/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-364	10/16/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-364	10/16/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-364	10/16/25	DUP	1,1-Dichloroethene		4.4	ug/L	
W-364	10/16/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-364	10/16/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-364	10/16/25	DUP	Bromoform		< 0.5	ug/L	
W-364	10/16/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-364	10/16/25	DUP	Chloroform		< 0.5	ug/L	
W-364	10/16/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-364	10/16/25	DUP	Tetrachloroethene		4.6	ug/L	
W-364	10/16/25	DUP	Trichloroethene		22	ug/L	
W-364	10/16/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-364	10/16/25	DUP	Trichlorotrifluoroethane		1	ug/L	
W-364	10/16/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-364	10/16/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-364	10/16/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-364	10/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-364	10/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-364	10/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-364	10/16/25	RTN	1,1-Dichloroethene		1.5	ug/L	
W-364	10/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-364	10/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-364	10/16/25	RTN	Bromoform		< 0.5	ug/L	
W-364	10/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-364	10/16/25	RTN	Chloroform		< 0.5	ug/L	
W-364	10/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-364	10/16/25	RTN	Tetrachloroethene		2.9	ug/L	
W-364	10/16/25	RTN	Trichloroethene		12	ug/L	
W-364	10/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-364	10/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-364	10/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-364	10/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-364	10/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-365	10/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-365	10/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-365	10/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-365	10/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-365	10/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-365	10/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-365	10/16/25	RTN	Bromoform	<	0.5	ug/L	
W-365	10/16/25	RTN	Carbon tetrachloride		1.1	ug/L	
W-365	10/16/25	RTN	Chloroform		1.2	ug/L	
W-365	10/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-365	10/16/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-365	10/16/25	RTN	Trichloroethene		7.7	ug/L	
W-365	10/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-365	10/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-365	10/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-365	10/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-365	10/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-368	1/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-368	1/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-368	1/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-368	1/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-368	1/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-368	1/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-368	1/7/25	RTN	Bromoform	<	0.5	ug/L	
W-368	1/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-368	1/7/25	RTN	Chloroform		3.2	ug/L	
W-368	1/7/25	RTN	Chromium		0.012	mg/L	
W-368	1/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-368	1/7/25	RTN	Tetrachloroethene		1.6	ug/L	
W-368	1/7/25	RTN	Trichloroethene		7.9	ug/L	
W-368	1/7/25	RTN	Trichlorofluoromethane		1.3	ug/L	
W-368	1/7/25	RTN	Trichlorotrifluoroethane		5.9	ug/L	
W-368	1/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-368	1/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-368	1/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-368	4/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-368	4/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-368	4/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-368	4/2/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-368	4/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-368	4/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-368	4/2/25	RTN	Bromoform	<	0.5	ug/L	
W-368	4/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-368	4/2/25	RTN	Chloroform		3.2	ug/L	
W-368	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-368	4/2/25	RTN	Tetrachloroethene		1.4	ug/L	
W-368	4/2/25	RTN	Trichloroethene		7.8	ug/L	
W-368	4/2/25	RTN	Trichlorofluoromethane		1.3	ug/L	
W-368	4/2/25	RTN	Trichlorotrifluoroethane		5.2	ug/L	
W-368	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-368	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-368	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-368	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-368	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-368	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-368	7/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-368	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-368	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-368	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-368	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-368	7/7/25	RTN	Chloroform		2.9	ug/L	
W-368	7/7/25	RTN	Chromium		0.012	mg/L	
W-368	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-368	7/7/25	RTN	Tetrachloroethene		1.6	ug/L	
W-368	7/7/25	RTN	Trichloroethene		7.3	ug/L	
W-368	7/7/25	RTN	Trichlorofluoromethane		1.1	ug/L	
W-368	7/7/25	RTN	Trichlorotrifluoroethane		5.3	ug/L	
W-368	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-368	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-368	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-368	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-368	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-368	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-368	10/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-368	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-368	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-368	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-368	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-368	10/8/25	RTN	Chloroform		3.3	ug/L	
W-368	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-368	10/8/25	RTN	Tetrachloroethene		1.4	ug/L	
W-368	10/8/25	RTN	Trichloroethene		8.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-368	10/8/25	RTN	Trichlorofluoromethane		1.2	ug/L	
W-368	10/8/25	RTN	Trichlorotrifluoroethane		5.7	ug/L	
W-368	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-368	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-368	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-369	12/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-369	12/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-369	12/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-369	12/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-369	12/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-369	12/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-369	12/9/25	RTN	Bromoform		< 0.5	ug/L	
W-369	12/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-369	12/9/25	RTN	Chloroform		2.9	ug/L	
W-369	12/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-369	12/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-369	12/9/25	RTN	Trichloroethene		1.9	ug/L	
W-369	12/9/25	RTN	Trichlorofluoromethane		4.9	ug/L	
W-369	12/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-369	12/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-369	12/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-369	12/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-370	4/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-370	4/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-370	4/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-370	4/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-370	4/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-370	4/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-370	4/30/25	RTN	Bromoform		< 0.5	ug/L	
W-370	4/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-370	4/30/25	RTN	Chloroform		0.63	ug/L	
W-370	4/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-370	4/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-370	4/30/25	RTN	Trichloroethene		0.63	ug/L	
W-370	4/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-370	4/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-370	4/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-370	4/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-370	4/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3701	2/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3701	2/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	Bromoform		< 0.5	ug/L	
W-3701	2/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3701	2/20/25	RTN	Chloroform		5.2	ug/L	
W-3701	2/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3701	2/20/25	RTN	Trichloroethene		1.9	ug/L	
W-3701	2/20/25	RTN	Trichlorofluoromethane		0.53	ug/L	
W-3701	2/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3701	2/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3701	2/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3701	2/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3701	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3701	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-3701	7/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3701	7/14/25	RTN	Chloroform		4.1	ug/L	
W-3701	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3701	7/14/25	RTN	Trichloroethene		1.4	ug/L	
W-3701	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3701	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3701	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3701	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3701	10/30/25	RTN	Chromium		0.054	mg/L	
W-3701	10/30/25	RTN	Hexavalent Chromium		0.058	mg/L	D
W-3702	3/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3702	3/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3702	3/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3702	3/5/25	RTN	1,1-Dichloroethene		1.9	ug/L	
W-3702	3/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3702	3/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3702	3/5/25	RTN	Bromoform		< 0.5	ug/L	
W-3702	3/5/25	RTN	Carbon tetrachloride		53	ug/L	
W-3702	3/5/25	RTN	Chloroform		16	ug/L	
W-3702	3/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3702	3/5/25	RTN	Tetrachloroethene		1.6	ug/L	
W-3702	3/5/25	RTN	Trichloroethene		2000	ug/L	D
W-3702	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3702	3/5/25	RTN	Trichlorotrifluoroethane		8.6	ug/L	
W-3702	3/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3702	3/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	3/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	3/5/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	1,1-Dichloroethene		2	ug/L	
W-3702	3/5/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	Bromoform		< 0.5	ug/L	
W-3702	3/5/25	DUP	Carbon tetrachloride		54	ug/L	
W-3702	3/5/25	DUP	Chloroform		17	ug/L	
W-3702	3/5/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	Tetrachloroethene		1.6	ug/L	
W-3702	3/5/25	DUP	Trichloroethene		2100	ug/L	D
W-3702	3/5/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3702	3/5/25	DUP	Trichlorotrifluoroethane		8.8	ug/L	
W-3702	3/5/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3702	3/5/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	3/5/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-3702	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-3702	4/2/25	RTN	Carbon tetrachloride		30	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3702	4/2/25	RTN	Chloroform		8.7	ug/L	
W-3702	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	Tetrachloroethene		1	ug/L	
W-3702	4/2/25	RTN	Trichloroethene		1400	ug/L	D
W-3702	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3702	4/2/25	RTN	Trichlorotrifluoroethane		4.1	ug/L	
W-3702	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3702	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	1,1-Dichloroethene		0.99	ug/L	
W-3702	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-3702	7/14/25	RTN	Carbon tetrachloride		26	ug/L	
W-3702	7/14/25	RTN	Chloroform		8	ug/L	
W-3702	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	Tetrachloroethene		1	ug/L	
W-3702	7/14/25	RTN	Trichloroethene		1500	ug/L	D
W-3702	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3702	7/14/25	RTN	Trichlorotrifluoroethane		3.7	ug/L	
W-3702	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3702	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	7/14/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3702	7/14/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3702	7/14/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3702	7/14/25	DUP	1,1-Dichloroethene		1.2	ug/L	
W-3702	7/14/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3702	7/14/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3702	7/14/25	DUP	Bromoform		< 0.5	ug/L	
W-3702	7/14/25	DUP	Carbon tetrachloride		32	ug/L	
W-3702	7/14/25	DUP	Chloroform		8.7	ug/L	
W-3702	7/14/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3702	7/14/25	DUP	Tetrachloroethene		1.1	ug/L	
W-3702	7/14/25	DUP	Trichloroethene		1480	ug/L	D
W-3702	7/14/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3702	7/14/25	DUP	Trichlorotrifluoroethane		6.2	ug/L	
W-3702	7/14/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3702	7/14/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	7/14/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	12/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	1,1-Dichloroethene		2.6	ug/L	
W-3702	12/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	Bromoform		< 0.5	ug/L	
W-3702	12/22/25	RTN	Carbon tetrachloride		55	ug/L	
W-3702	12/22/25	RTN	Chloroform		16	ug/L	
W-3702	12/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	Tetrachloroethene		1.9	ug/L	
W-3702	12/22/25	RTN	Trichloroethene		1500	ug/L	D
W-3702	12/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3702	12/22/25	RTN	Trichlorotrifluoroethane		8.2	ug/L	
W-3702	12/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3702	12/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3702	12/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3703	3/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-3703	3/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	Bromoform		< 0.5	ug/L	
W-3703	3/5/25	RTN	Carbon tetrachloride		25	ug/L	
W-3703	3/5/25	RTN	Chloroform		12	ug/L	
W-3703	3/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	Tetrachloroethene		1.4	ug/L	
W-3703	3/5/25	RTN	Trichloroethene		1000	ug/L	D
W-3703	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3703	3/5/25	RTN	Trichlorotrifluoroethane		5.2	ug/L	
W-3703	3/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3703	3/5/25	RTN	cis-1,2-Dichloroethene		14	ug/L	
W-3703	3/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3703	5/8/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	L

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3703	5/8/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3703	5/8/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3703	5/8/25	DUP	1,1-Dichloroethene		0.59	ug/L	
W-3703	5/8/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-3703	5/8/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3703	5/8/25	DUP	Bromoform	<	0.5	ug/L	
W-3703	5/8/25	DUP	Carbon tetrachloride		9.2	ug/L	L
W-3703	5/8/25	DUP	Chloroform		5.4	ug/L	
W-3703	5/8/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3703	5/8/25	DUP	Tetrachloroethene		0.69	ug/L	
W-3703	5/8/25	DUP	Trichloroethene		470	ug/L	D
W-3703	5/8/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3703	5/8/25	DUP	Trichlorotrifluoroethane		2.6	ug/L	
W-3703	5/8/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3703	5/8/25	DUP	cis-1,2-Dichloroethene		7.4	ug/L	L
W-3703	5/8/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3703	5/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	1,1-Dichloroethene		0.69	ug/L	
W-3703	5/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	Bromoform	<	0.5	ug/L	
W-3703	5/8/25	RTN	Carbon tetrachloride		13	ug/L	
W-3703	5/8/25	RTN	Chloroform		6.6	ug/L	
W-3703	5/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	Tetrachloroethene		0.77	ug/L	
W-3703	5/8/25	RTN	Trichloroethene		540	ug/L	D
W-3703	5/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3703	5/8/25	RTN	Trichlorotrifluoroethane		2.6	ug/L	
W-3703	5/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3703	5/8/25	RTN	cis-1,2-Dichloroethene		8.5	ug/L	
W-3703	5/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3703	7/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3703	7/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3703	7/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3703	7/14/25	RTN	1,1-Dichloroethene		2.9	ug/L	
W-3703	7/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3703	7/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3703	7/14/25	RTN	Bromoform	<	0.5	ug/L	
W-3703	7/14/25	RTN	Carbon tetrachloride		67	ug/L	
W-3703	7/14/25	RTN	Chloroform		20	ug/L	
W-3703	7/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3703	7/14/25	RTN	Tetrachloroethene		3.5	ug/L	
W-3703	7/14/25	RTN	Trichloroethene		1900	ug/L	D
W-3703	7/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3703	7/14/25	RTN	Trichlorotrifluoroethane		13	ug/L	
W-3703	7/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3703	7/14/25	RTN	cis-1,2-Dichloroethene		9.5	ug/L	
W-3703	7/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3703	12/3/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-3703	12/3/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	Bromoform	<	0.5	ug/L	
W-3703	12/3/25	DUP	Carbon tetrachloride		68	ug/L	
W-3703	12/3/25	DUP	Chloroform		19	ug/L	
W-3703	12/3/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	Tetrachloroethene		3.7	ug/L	
W-3703	12/3/25	DUP	Trichloroethene		1600	ug/L	D
W-3703	12/3/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3703	12/3/25	DUP	Trichlorotrifluoroethane		11	ug/L	
W-3703	12/3/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3703	12/3/25	DUP	cis-1,2-Dichloroethene		9.8	ug/L	
W-3703	12/3/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3703	12/22/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3703	12/22/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3703	12/22/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3703	12/22/25	RTN	1,1-Dichloroethene		3	ug/L	
W-3703	12/22/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3703	12/22/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3703	12/22/25	RTN	Bromoform	<	0.5	ug/L	
W-3703	12/22/25	RTN	Carbon tetrachloride		57	ug/L	
W-3703	12/22/25	RTN	Chloroform		18	ug/L	
W-3703	12/22/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3703	12/22/25	RTN	Tetrachloroethene		2.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3703	12/22/25	RTN	Trichloroethene		1100	ug/L	D
W-3703	12/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3703	12/22/25	RTN	Trichlorotrifluoroethane		10	ug/L	
W-3703	12/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3703	12/22/25	RTN	cis-1,2-Dichloroethene		9.4	ug/L	
W-3703	12/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3703	12/22/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-3703	12/22/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	Bromoform		< 0.5	ug/L	
W-3703	12/22/25	DUP	Carbon tetrachloride		40	ug/L	
W-3703	12/22/25	DUP	Chloroform		14	ug/L	
W-3703	12/22/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	Tetrachloroethene		2	ug/L	
W-3703	12/22/25	DUP	Trichloroethene		1100	ug/L	D
W-3703	12/22/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3703	12/22/25	DUP	Trichlorotrifluoroethane		6.8	ug/L	
W-3703	12/22/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3703	12/22/25	DUP	cis-1,2-Dichloroethene		7.3	ug/L	
W-3703	12/22/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-372	5/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-372	5/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-372	5/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-372	5/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-372	5/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-372	5/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-372	5/5/25	RTN	Bromoform		< 0.5	ug/L	
W-372	5/5/25	RTN	Carbon tetrachloride		2.3	ug/L	
W-372	5/5/25	RTN	Chloroform		< 0.5	ug/L	
W-372	5/5/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-372	5/5/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-372	5/5/25	RTN	Trichloroethene		< 0.5	ug/L	
W-372	5/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-372	5/5/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-372	5/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-372	5/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-372	5/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-372	12/11/25	RTN	Chromium		0.0089	mg/L	
W-372	12/11/25	RTN	Hexavalent Chromium		0.0091	mg/L	
W-373	2/10/25	DUP	Hexavalent Chromium		0.021	mg/L	
W-373	2/10/25	DUP	Tritium		< 100	pCi/L	
W-373	2/10/25	RTN	Hexavalent Chromium		0.021	mg/L	
W-373	2/10/25	RTN	Tritium		< 100	pCi/L	
W-373	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-373	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-373	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-373	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-373	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-373	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-373	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-373	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-373	12/1/25	RTN	Chloroform		< 0.5	ug/L	
W-373	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-373	12/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-373	12/1/25	RTN	Trichloroethene		6.4	ug/L	
W-373	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-373	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-373	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-373	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-373	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-376	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-376	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-376	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-376	4/8/25	RTN	1,1-Dichloroethene		2.5	ug/L	
W-376	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-376	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-376	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-376	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-376	4/8/25	RTN	Chloroform		0.54	ug/L	
W-376	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-376	4/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-376	4/8/25	RTN	Trichloroethene		2.8	ug/L	
W-376	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-376	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-376	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-376	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-376	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-376	10/23/25	RTN	Chromium		0.0097	mg/L	
W-376	10/23/25	RTN	Hexavalent Chromium		0.0099	mg/L	
W-378	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-378	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-378	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-378	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-378	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-378	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-378	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-378	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-378	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-378	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-378	4/7/25	RTN	Tetrachloroethene		1.5	ug/L	
W-378	4/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-378	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-378	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-378	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-378	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-378	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-378	12/1/25	RTN	Chromium		0.011	mg/L	
W-378	12/1/25	RTN	Hexavalent Chromium		0.012	mg/L	
W-379	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-379	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-379	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-379	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-379	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-379	1/16/25	RTN	Bromodichloromethane		2.5	ug/L	
W-379	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-379	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-379	1/16/25	RTN	Chloroform		5.6	ug/L	
W-379	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-379	1/16/25	RTN	Tetrachloroethene		1.3	ug/L	
W-379	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-379	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-379	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-379	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-379	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-379	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-380	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-380	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-380	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-380	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-380	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-380	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-380	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-380	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-380	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-380	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-380	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-380	4/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-380	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-380	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-380	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-380	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-380	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3801	9/17/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3801	9/17/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3801	9/17/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3801	9/17/25	DUP	1,1-Dichloroethene		3.9	ug/L	
W-3801	9/17/25	DUP	1,2-Dichloroethane		0.77	ug/L	
W-3801	9/17/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3801	9/17/25	DUP	Bromoform		< 0.5	ug/L	
W-3801	9/17/25	DUP	Carbon tetrachloride		0.55	ug/L	
W-3801	9/17/25	DUP	Chloroform		7.1	ug/L	
W-3801	9/17/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3801	9/17/25	DUP	Tetrachloroethene		11	ug/L	
W-3801	9/17/25	DUP	Trichloroethene		100	ug/L	
W-3801	9/17/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3801	9/17/25	DUP	Trichlorotrifluoroethane		1.6	ug/L	
W-3801	9/17/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3801	9/17/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3801	9/17/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3801	9/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3801	9/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3801	9/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3801	9/17/25	RTN	1,1-Dichloroethene		3.8	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3801	9/17/25	RTN	1,2-Dichloroethane		0.74	ug/L	
W-3801	9/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3801	9/17/25	RTN	Bromoform		< 0.5	ug/L	
W-3801	9/17/25	RTN	Carbon tetrachloride		0.54	ug/L	
W-3801	9/17/25	RTN	Chloroform		6.9	ug/L	
W-3801	9/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3801	9/17/25	RTN	Tetrachloroethene		11	ug/L	
W-3801	9/17/25	RTN	Trichloroethene		100	ug/L	
W-3801	9/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3801	9/17/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-3801	9/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3801	9/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3801	9/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3802	4/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3802	4/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3802	4/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3802	4/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3802	4/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3802	4/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3802	4/30/25	RTN	Bromoform		< 0.5	ug/L	
W-3802	4/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3802	4/30/25	RTN	Chloroform		0.81	ug/L	
W-3802	4/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3802	4/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-3802	4/30/25	RTN	Trichloroethene		1.3	ug/L	
W-3802	4/30/25	RTN	Trichlorofluoromethane		1.9	ug/L	
W-3802	4/30/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-3802	4/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3802	4/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3802	4/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3802	10/27/25	RTN	Chromium		0.038	mg/L	
W-3802	10/27/25	RTN	Hexavalent Chromium		0.042	mg/L	
W-3803	3/5/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3803	3/5/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3803	3/5/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3803	3/5/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-3803	3/5/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3803	3/5/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3803	3/5/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3803	3/5/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3803	3/5/25	RTN	Chloroform	<	0.5	ug/L	
W-3803	3/5/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3803	3/5/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3803	3/5/25	RTN	Trichloroethene		2.4	ug/L	
W-3803	3/5/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3803	3/5/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3803	3/5/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3803	3/5/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3803	3/5/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3803	10/27/25	RTN	Chromium		0.0016	mg/L	
W-3803	10/27/25	RTN	Hexavalent Chromium	<	0.002	mg/L	
W-3901	2/3/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-3901	2/3/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	Bromoform	<	0.5	ug/L	
W-3901	2/3/25	RTN	Carbon tetrachloride		31	ug/L	
W-3901	2/3/25	RTN	Chloroform		0.58	ug/L	
W-3901	2/3/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	Tetrachloroethene		1.7	ug/L	
W-3901	2/3/25	RTN	Trichloroethene		800	ug/L	D
W-3901	2/3/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3901	2/3/25	RTN	Trichlorotrifluoroethane		16	ug/L	
W-3901	2/3/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3901	2/3/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	2/3/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	5/8/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	L
W-3901	5/8/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3901	5/8/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3901	5/8/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-3901	5/8/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-3901	5/8/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3901	5/8/25	DUP	Bromoform	<	0.5	ug/L	
W-3901	5/8/25	DUP	Carbon tetrachloride		1.1	ug/L	L
W-3901	5/8/25	DUP	Chloroform	<	0.5	ug/L	
W-3901	5/8/25	DUP	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3901	5/8/25	DUP	Tetrachloroethene	<	0.5	ug/L	
W-3901	5/8/25	DUP	Trichloroethene		45	ug/L	
W-3901	5/8/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3901	5/8/25	DUP	Trichlorotrifluoroethane		0.91	ug/L	
W-3901	5/8/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3901	5/8/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	L
W-3901	5/8/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	5/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3901	5/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	Bromoform	<	0.5	ug/L	
W-3901	5/8/25	RTN	Carbon tetrachloride		1.4	ug/L	
W-3901	5/8/25	RTN	Chloroform	<	0.5	ug/L	
W-3901	5/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3901	5/8/25	RTN	Trichloroethene		44	ug/L	
W-3901	5/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3901	5/8/25	RTN	Trichlorotrifluoroethane		0.82	ug/L	
W-3901	5/8/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3901	5/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	5/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	9/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3901	9/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	Bromoform	<	0.5	ug/L	
W-3901	9/15/25	RTN	Carbon tetrachloride		12	ug/L	
W-3901	9/15/25	RTN	Chloroform	<	0.5	ug/L	
W-3901	9/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	Tetrachloroethene		0.63	ug/L	
W-3901	9/15/25	RTN	Trichloroethene		200	ug/L	D
W-3901	9/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3901	9/15/25	RTN	Trichlorotrifluoroethane		6.1	ug/L	
W-3901	9/15/25	RTN	Vinyl chloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3901	9/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	9/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	11/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3901	11/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	Bromoform	<	0.5	ug/L	
W-3901	11/20/25	RTN	Carbon tetrachloride		1.5	ug/L	
W-3901	11/20/25	RTN	Chloroform	<	0.5	ug/L	
W-3901	11/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-3901	11/20/25	RTN	Trichloroethene		47	ug/L	
W-3901	11/20/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3901	11/20/25	RTN	Trichlorotrifluoroethane		0.74	ug/L	
W-3901	11/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3901	11/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3901	11/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	1,1-Dichloroethene		0.58	ug/L	
W-3902	1/13/25	RTN	1,2-Dichloroethane		7.4	ug/L	
W-3902	1/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	Bromoform	<	0.5	ug/L	
W-3902	1/13/25	RTN	Carbon tetrachloride		19	ug/L	
W-3902	1/13/25	RTN	Chloroform		7.1	ug/L	
W-3902	1/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	Tetrachloroethene		47	ug/L	
W-3902	1/13/25	RTN	Trichloroethene		430	ug/L	D
W-3902	1/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3902	1/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3902	1/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	1/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	4/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3902	4/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3902	4/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3902	4/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3902	4/21/25	RTN	1,2-Dichloroethane		6.4	ug/L	
W-3902	4/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3902	4/21/25	RTN	Bromoform	<	0.5	ug/L	
W-3902	4/21/25	RTN	Carbon tetrachloride		16	ug/L	
W-3902	4/21/25	RTN	Chloroform		6.5	ug/L	
W-3902	4/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3902	4/21/25	RTN	Tetrachloroethene		31	ug/L	
W-3902	4/21/25	RTN	Trichloroethene		280	ug/L	D
W-3902	4/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3902	4/21/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3902	4/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3902	4/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	4/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	4/21/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-3902	4/21/25	DUP	1,2-Dichloroethane		7	ug/L	
W-3902	4/21/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	Bromoform	<	0.5	ug/L	
W-3902	4/21/25	DUP	Carbon tetrachloride		17	ug/L	
W-3902	4/21/25	DUP	Chloroform		6.9	ug/L	
W-3902	4/21/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	Tetrachloroethene		31	ug/L	
W-3902	4/21/25	DUP	Trichloroethene		290	ug/L	D
W-3902	4/21/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3902	4/21/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3902	4/21/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	4/21/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	8/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3902	8/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3902	8/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3902	8/20/25	RTN	1,1-Dichloroethene		0.67	ug/L	
W-3902	8/20/25	RTN	1,2-Dichloroethane		6.3	ug/L	
W-3902	8/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3902	8/20/25	RTN	Bromoform	<	0.5	ug/L	
W-3902	8/20/25	RTN	Carbon tetrachloride		19	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3902	8/20/25	RTN	Chloroform		6.9	ug/L	
W-3902	8/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3902	8/20/25	RTN	Tetrachloroethene		38	ug/L	
W-3902	8/20/25	RTN	Trichloroethene		320	ug/L	D
W-3902	8/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3902	8/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3902	8/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3902	8/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3902	8/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3902	10/20/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	1,1-Dichloroethene		0.59	ug/L	
W-3902	10/20/25	DUP	1,2-Dichloroethane		4.8	ug/L	
W-3902	10/20/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	Bromoform		< 0.5	ug/L	
W-3902	10/20/25	DUP	Carbon tetrachloride		18	ug/L	
W-3902	10/20/25	DUP	Chloroform		5.4	ug/L	
W-3902	10/20/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	Tetrachloroethene		41	ug/L	
W-3902	10/20/25	DUP	Trichloroethene		320	ug/L	D
W-3902	10/20/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-3902	10/20/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3902	10/20/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3902	10/20/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3902	10/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3902	10/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3902	10/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3902	10/20/25	RTN	1,1-Dichloroethene		0.58	ug/L	
W-3902	10/20/25	RTN	1,2-Dichloroethane		5.8	ug/L	
W-3902	10/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3902	10/20/25	RTN	Bromoform		< 0.5	ug/L	
W-3902	10/20/25	RTN	Carbon tetrachloride		21	ug/L	
W-3902	10/20/25	RTN	Chloroform		6.2	ug/L	
W-3902	10/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3902	10/20/25	RTN	Tetrachloroethene		47	ug/L	
W-3902	10/20/25	RTN	Trichloroethene		340	ug/L	D
W-3902	10/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3902	10/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3902	10/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3902	10/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3902	10/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	3/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	1,1-Dichloroethene		0.52	ug/L	
W-3903	3/13/25	RTN	1,2-Dichloroethane		4.6	ug/L	
W-3903	3/13/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	Bromoform	<	0.5	ug/L	
W-3903	3/13/25	RTN	Carbon tetrachloride		3.1	ug/L	
W-3903	3/13/25	RTN	Chloroform		5.9	ug/L	
W-3903	3/13/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	Tetrachloroethene		7.5	ug/L	
W-3903	3/13/25	RTN	Trichloroethene		200	ug/L	D
W-3903	3/13/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3903	3/13/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3903	3/13/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	3/13/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	4/21/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	L
W-3903	4/21/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3903	4/21/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3903	4/21/25	DUP	1,1-Dichloroethene		0.58	ug/L	
W-3903	4/21/25	DUP	1,2-Dichloroethane		4.3	ug/L	
W-3903	4/21/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3903	4/21/25	DUP	Bromoform	<	0.5	ug/L	
W-3903	4/21/25	DUP	Carbon tetrachloride		2.7	ug/L	L
W-3903	4/21/25	DUP	Chloroform		6	ug/L	L
W-3903	4/21/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3903	4/21/25	DUP	Tetrachloroethene		7.7	ug/L	
W-3903	4/21/25	DUP	Trichloroethene		200	ug/L	D
W-3903	4/21/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3903	4/21/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3903	4/21/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3903	4/21/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	L
W-3903	4/21/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	4/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3903	4/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3903	4/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3903	4/21/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-3903	4/21/25	RTN	1,2-Dichloroethane		4.8	ug/L	
W-3903	4/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3903	4/21/25	RTN	Bromoform	<	0.5	ug/L	
W-3903	4/21/25	RTN	Carbon tetrachloride		3	ug/L	
W-3903	4/21/25	RTN	Chloroform		6.3	ug/L	
W-3903	4/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3903	4/21/25	RTN	Tetrachloroethene		7.4	ug/L	
W-3903	4/21/25	RTN	Trichloroethene		190	ug/L	D
W-3903	4/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3903	4/21/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3903	4/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3903	4/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	4/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	12/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	1,1-Dichloroethene		0.64	ug/L	
W-3903	12/15/25	RTN	1,2-Dichloroethane		5	ug/L	
W-3903	12/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	Bromoform	<	0.5	ug/L	
W-3903	12/15/25	RTN	Carbon tetrachloride		3	ug/L	
W-3903	12/15/25	RTN	Chloroform		6.2	ug/L	
W-3903	12/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	Tetrachloroethene		8.4	ug/L	
W-3903	12/15/25	RTN	Trichloroethene		170	ug/L	D
W-3903	12/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3903	12/15/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-3903	12/15/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	12/15/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	12/15/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3903	12/15/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3903	12/15/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3903	12/15/25	DUP	1,1-Dichloroethene	<	0.5	ug/L	
W-3903	12/15/25	DUP	1,2-Dichloroethane		5.5	ug/L	
W-3903	12/15/25	DUP	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3903	12/15/25	DUP	Bromoform	<	0.5	ug/L	
W-3903	12/15/25	DUP	Carbon tetrachloride		2.7	ug/L	
W-3903	12/15/25	DUP	Chloroform		5.8	ug/L	
W-3903	12/15/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3903	12/15/25	DUP	Tetrachloroethene		6.3	ug/L	
W-3903	12/15/25	DUP	Trichloroethene		179	ug/L	D
W-3903	12/15/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3903	12/15/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-3903	12/15/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3903	12/15/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3903	12/15/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3904	3/5/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	1,1-Dichloroethene		5.3	ug/L	
W-3904	3/5/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	Bromoform	<	0.5	ug/L	
W-3904	3/5/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-3904	3/5/25	DUP	Chloroform	<	0.5	ug/L	
W-3904	3/5/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	Tetrachloroethene		21	ug/L	
W-3904	3/5/25	DUP	Trichloroethene		27	ug/L	
W-3904	3/5/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-3904	3/5/25	DUP	Trichlorotrifluoroethane		1.6	ug/L	
W-3904	3/5/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-3904	3/5/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-3904	3/5/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-3904	3/5/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-3904	3/5/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-3904	3/5/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-3904	3/5/25	RTN	1,1-Dichloroethene		4.2	ug/L	
W-3904	3/5/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-3904	3/5/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-3904	3/5/25	RTN	Bromoform	<	0.5	ug/L	
W-3904	3/5/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-3904	3/5/25	RTN	Chloroform	<	0.5	ug/L	
W-3904	3/5/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-3904	3/5/25	RTN	Tetrachloroethene		18	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3904	3/5/25	RTN	Trichloroethene		23	ug/L	
W-3904	3/5/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3904	3/5/25	RTN	Trichlorotrifluoroethane		1.2	ug/L	
W-3904	3/5/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3904	3/5/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3904	3/5/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3904	10/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	1,1-Dichloroethene		8.9	ug/L	
W-3904	10/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	Bromoform		< 0.5	ug/L	
W-3904	10/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-3904	10/30/25	RTN	Chloroform		< 0.5	ug/L	
W-3904	10/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	Tetrachloroethene		31	ug/L	
W-3904	10/30/25	RTN	Trichloroethene		38	ug/L	
W-3904	10/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-3904	10/30/25	RTN	Trichlorotrifluoroethane		1.3	ug/L	
W-3904	10/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-3904	10/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-3904	10/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-3904	10/30/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	1,1-Dichloroethene		8.7	ug/L	
W-3904	10/30/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	Bromoform		< 0.5	ug/L	
W-3904	10/30/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-3904	10/30/25	DUP	Chloroform		< 0.5	ug/L	
W-3904	10/30/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	Tetrachloroethene		29	ug/L	
W-3904	10/30/25	DUP	Trichloroethene		37	ug/L	
W-3904	10/30/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-3904	10/30/25	DUP	Trichlorotrifluoroethane		1.2	ug/L	
W-3904	10/30/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-3904	10/30/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3904	10/30/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-402	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-402	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-402	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-402	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-402	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-402	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-402	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-402	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-402	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-402	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-402	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-402	4/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-402	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-402	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-402	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-402	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-402	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-403	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-403	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-403	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-403	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-403	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-403	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-403	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-403	4/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-403	4/7/25	RTN	Chloroform		< 0.5	ug/L	
W-403	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-403	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-403	4/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-403	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-403	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-403	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-403	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-403	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-405	3/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-405	3/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-405	3/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-405	3/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-405	3/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-405	3/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-405	3/4/25	RTN	Bromoform		< 0.5	ug/L	
W-405	3/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-405	3/4/25	RTN	Chloroform		< 0.5	ug/L	
W-405	3/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-405	3/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-405	3/4/25	RTN	Trichloroethene		< 0.5	ug/L	
W-405	3/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-405	3/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-405	3/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-405	3/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-405	3/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-405	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-405	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-405	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-405	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-405	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-405	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-405	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-405	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-405	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-405	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-405	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-405	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-405	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-405	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-405	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-405	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-405	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-405	7/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-405	7/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-405	7/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-405	7/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-405	7/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-405	7/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-405	7/2/25	RTN	Bromoform		< 0.5	ug/L	
W-405	7/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-405	7/2/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-405	7/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-405	7/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-405	7/2/25	RTN	Trichloroethene		< 0.5	ug/L	
W-405	7/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-405	7/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-405	7/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-405	7/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-405	7/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-405	10/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-405	10/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-405	10/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-405	10/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-405	10/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-405	10/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-405	10/6/25	RTN	Bromoform		< 0.5	ug/L	
W-405	10/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-405	10/6/25	RTN	Chloroform		< 0.5	ug/L	
W-405	10/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-405	10/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-405	10/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-405	10/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-405	10/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-405	10/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-405	10/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-405	10/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-406	9/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-406	9/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-406	9/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-406	9/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-406	9/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-406	9/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-406	9/4/25	RTN	Bromoform		< 0.5	ug/L	
W-406	9/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-406	9/4/25	RTN	Chloroform		< 0.5	ug/L	
W-406	9/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-406	9/4/25	RTN	Tetrachloroethene		2.2	ug/L	
W-406	9/4/25	RTN	Trichloroethene		< 0.5	ug/L	
W-406	9/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-406	9/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-406	9/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-406	9/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-406	9/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-407	3/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-407	3/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-407	3/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-407	3/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-407	3/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-407	3/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-407	3/4/25	RTN	Bromoform		< 0.5	ug/L	
W-407	3/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-407	3/4/25	RTN	Chloroform		< 0.5	ug/L	
W-407	3/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-407	3/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-407	3/4/25	RTN	Trichloroethene		< 0.5	ug/L	
W-407	3/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-407	3/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-407	3/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-407	3/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-407	3/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-407	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-407	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-407	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-407	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-407	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-407	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-407	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-407	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-407	4/8/25	RTN	Chloroform		< 0.5	ug/L	
W-407	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-407	4/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-407	4/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-407	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-407	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-407	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-407	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-407	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-407	7/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-407	7/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-407	7/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-407	7/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-407	7/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-407	7/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-407	7/1/25	RTN	Bromoform		< 0.5	ug/L	
W-407	7/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-407	7/1/25	RTN	Chloroform		< 0.5	ug/L	
W-407	7/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-407	7/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-407	7/1/25	RTN	Trichloroethene		< 0.5	ug/L	
W-407	7/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-407	7/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-407	7/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-407	7/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-407	7/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-407	10/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-407	10/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-407	10/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-407	10/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-407	10/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-407	10/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-407	10/6/25	RTN	Bromoform		< 0.5	ug/L	
W-407	10/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-407	10/6/25	RTN	Chloroform		< 0.5	ug/L	
W-407	10/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-407	10/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-407	10/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-407	10/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-407	10/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-407	10/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-407	10/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-407	10/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-408	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-408	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-408	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-408	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-408	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-408	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-408	1/16/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-408	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-408	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-408	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-408	1/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-408	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-408	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-408	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-408	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-408	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-408	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-408	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-408	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-408	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-408	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-408	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-408	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-408	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-408	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-408	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-408	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-408	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-408	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-408	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-408	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-408	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-408	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-408	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-408	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-408	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-408	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-408	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-408	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-408	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-408	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-408	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-408	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-408	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-408	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-408	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-408	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-408	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-408	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-408	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-408	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-408	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-408	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-408	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-408	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-408	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-408	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-408	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-408	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-408	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-408	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-408	10/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-408	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-408	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-408	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-408	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-408	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-408	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-409	7/31/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-409	7/31/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-409	7/31/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-409	7/31/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-409	7/31/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-409	7/31/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-409	7/31/25	RTN	Bromoform		< 0.5	ug/L	
W-409	7/31/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-409	7/31/25	RTN	Chloroform		< 0.5	ug/L	
W-409	7/31/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-409	7/31/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-409	7/31/25	RTN	Trichloroethene		14	ug/L	
W-409	7/31/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-409	7/31/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-409	7/31/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-409	7/31/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-409	7/31/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-409	12/11/25	RTN	Chromium		0.014	mg/L	
W-409	12/11/25	RTN	Hexavalent Chromium		0.015	mg/L	
W-410	3/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-410	3/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-410	3/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-410	3/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-410	3/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-410	3/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-410	3/10/25	RTN	Bromoform		< 0.5	ug/L	
W-410	3/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-410	3/10/25	RTN	Chloroform		< 0.5	ug/L	
W-410	3/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-410	3/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-410	3/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-410	3/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-410	3/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-410	3/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-410	3/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-410	3/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-410	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-410	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-410	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-410	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-410	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-410	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-410	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-410	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-410	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-410	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-410	4/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-410	4/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-410	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-410	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-410	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-410	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-410	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-410	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-410	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-410	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-410	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-410	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-410	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-410	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-410	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-410	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-410	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-410	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-410	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-410	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-410	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-410	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-410	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-410	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-410	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-410	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-410	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-410	10/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-410	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-410	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-410	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-410	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-410	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-410	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-410	10/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-410	10/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-410	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-410	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-410	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-410	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-410	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-411	2/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-411	2/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-411	2/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-411	2/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-411	2/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-411	2/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-411	2/3/25	RTN	Bromoform		< 0.5	ug/L	
W-411	2/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-411	2/3/25	RTN	Chloroform		3.8	ug/L	
W-411	2/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-411	2/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-411	2/3/25	RTN	Trichloroethene		1	ug/L	
W-411	2/3/25	RTN	Trichlorofluoromethane		3.9	ug/L	
W-411	2/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-411	2/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-411	2/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-411	2/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-412	9/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-412	9/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-412	9/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-412	9/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-412	9/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-412	9/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-412	9/9/25	RTN	Bromoform		< 0.5	ug/L	
W-412	9/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-412	9/9/25	RTN	Chloroform		1.4	ug/L	
W-412	9/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-412	9/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-412	9/9/25	RTN	Trichloroethene		0.9	ug/L	
W-412	9/9/25	RTN	Trichlorofluoromethane		0.67	ug/L	
W-412	9/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-412	9/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-412	9/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-412	9/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-413	1/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-413	1/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-413	1/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-413	1/7/25	RTN	1,1-Dichloroethene		0.54	ug/L	
W-413	1/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-413	1/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-413	1/7/25	RTN	Bromoform		< 0.5	ug/L	
W-413	1/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-413	1/7/25	RTN	Chloroform		9.4	ug/L	
W-413	1/7/25	RTN	Chromium		0.024	mg/L	
W-413	1/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-413	1/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-413	1/7/25	RTN	Trichloroethene		6.4	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-413	1/7/25	RTN	Trichlorofluoromethane		2.9	ug/L	
W-413	1/7/25	RTN	Trichlorotrifluoroethane		6.8	ug/L	
W-413	1/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-413	1/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-413	1/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-413	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-413	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-413	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-413	4/2/25	RTN	1,1-Dichloroethene		0.66	ug/L	
W-413	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-413	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-413	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-413	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-413	4/2/25	RTN	Chloroform		9.5	ug/L	
W-413	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-413	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-413	4/2/25	RTN	Trichloroethene		6.2	ug/L	
W-413	4/2/25	RTN	Trichlorofluoromethane		3	ug/L	
W-413	4/2/25	RTN	Trichlorotrifluoroethane		6	ug/L	
W-413	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-413	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-413	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-413	7/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-413	7/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-413	7/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-413	7/7/25	RTN	1,1-Dichloroethene		0.56	ug/L	
W-413	7/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-413	7/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-413	7/7/25	RTN	Bromoform		< 0.5	ug/L	
W-413	7/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-413	7/7/25	RTN	Chloroform		8.8	ug/L	
W-413	7/7/25	RTN	Chromium		0.024	mg/L	
W-413	7/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-413	7/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-413	7/7/25	RTN	Trichloroethene		6	ug/L	
W-413	7/7/25	RTN	Trichlorofluoromethane		2.6	ug/L	
W-413	7/7/25	RTN	Trichlorotrifluoroethane		6	ug/L	
W-413	7/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-413	7/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-413	7/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-413	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-413	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-413	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-413	10/8/25	RTN	1,1-Dichloroethene		0.81	ug/L	
W-413	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-413	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-413	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-413	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-413	10/8/25	RTN	Chloroform		11	ug/L	
W-413	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-413	10/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-413	10/8/25	RTN	Trichloroethene		6.7	ug/L	
W-413	10/8/25	RTN	Trichlorofluoromethane		3	ug/L	
W-413	10/8/25	RTN	Trichlorotrifluoroethane		6.7	ug/L	
W-413	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-413	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-413	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-415	5/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-415	5/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-415	5/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-415	5/8/25	RTN	1,1-Dichloroethene		0.76	ug/L	
W-415	5/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-415	5/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-415	5/8/25	RTN	Bromoform		< 0.5	ug/L	
W-415	5/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-415	5/8/25	RTN	Chloroform		2	ug/L	
W-415	5/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-415	5/8/25	RTN	Tetrachloroethene		6	ug/L	
W-415	5/8/25	RTN	Trichloroethene		0.75	ug/L	
W-415	5/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-415	5/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-415	5/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-415	5/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-415	5/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-415	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-415	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-415	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-415	7/10/25	RTN	1,1-Dichloroethene		0.66	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-415	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-415	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-415	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-415	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-415	7/10/25	RTN	Chloroform		1.6	ug/L	
W-415	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-415	7/10/25	RTN	Tetrachloroethene		5.2	ug/L	
W-415	7/10/25	RTN	Trichloroethene		0.7	ug/L	
W-415	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-415	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-415	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-415	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-415	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-415	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-415	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-415	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-415	10/9/25	RTN	1,1-Dichloroethene		0.86	ug/L	
W-415	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-415	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-415	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-415	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-415	10/9/25	RTN	Chloroform		1.5	ug/L	
W-415	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-415	10/9/25	RTN	Tetrachloroethene		5.2	ug/L	
W-415	10/9/25	RTN	Trichloroethene		0.8	ug/L	
W-415	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-415	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-415	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-415	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-415	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-416	7/31/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-416	7/31/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-416	7/31/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-416	7/31/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-416	7/31/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-416	7/31/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-416	7/31/25	RTN	Bromoform		< 0.5	ug/L	
W-416	7/31/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-416	7/31/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-416	7/31/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-416	7/31/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-416	7/31/25	RTN	Trichloroethene		3.1	ug/L	
W-416	7/31/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-416	7/31/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-416	7/31/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-416	7/31/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-416	7/31/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-417	4/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-417	4/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-417	4/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-417	4/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-417	4/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-417	4/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-417	4/17/25	RTN	Bromoform	<	0.5	ug/L	
W-417	4/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-417	4/17/25	RTN	Chloroform	<	0.5	ug/L	
W-417	4/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-417	4/17/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-417	4/17/25	RTN	Trichloroethene	<	0.5	ug/L	
W-417	4/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-417	4/17/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-417	4/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-417	4/17/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-417	4/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-418	7/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-418	7/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-418	7/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-418	7/29/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-418	7/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-418	7/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-418	7/29/25	RTN	Bromoform	<	0.5	ug/L	
W-418	7/29/25	RTN	Carbon tetrachloride		0.86	ug/L	
W-418	7/29/25	RTN	Chloroform		3.6	ug/L	
W-418	7/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-418	7/29/25	RTN	Tetrachloroethene		0.5	ug/L	
W-418	7/29/25	RTN	Trichloroethene		5	ug/L	
W-418	7/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-418	7/29/25	RTN	Trichlorotrifluoroethane		3.3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-418	7/29/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-418	7/29/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-418	7/29/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-419	7/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	H
W-419	7/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	H
W-419	7/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	H
W-419	7/30/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	H
W-419	7/30/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	H
W-419	7/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	H
W-419	7/30/25	RTN	Bromoform	<	0.5	ug/L	H
W-419	7/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	H
W-419	7/30/25	RTN	Chloroform		1.1	ug/L	H
W-419	7/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	OH
W-419	7/30/25	RTN	Tetrachloroethene		1.9	ug/L	H
W-419	7/30/25	RTN	Trichloroethene		2.3	ug/L	H
W-419	7/30/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	LH
W-419	7/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	H
W-419	7/30/25	RTN	Vinyl chloride	<	0.5	ug/L	H
W-419	7/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	H
W-419	7/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	H
W-420	10/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-420	10/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-420	10/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-420	10/16/25	RTN	1,1-Dichloroethene		2.7	ug/L	
W-420	10/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-420	10/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-420	10/16/25	RTN	Bromoform	<	0.5	ug/L	
W-420	10/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-420	10/16/25	RTN	Chloroform		2.9	ug/L	
W-420	10/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-420	10/16/25	RTN	Tetrachloroethene		2.5	ug/L	
W-420	10/16/25	RTN	Trichloroethene		6.2	ug/L	
W-420	10/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-420	10/16/25	RTN	Trichlorotrifluoroethane		0.86	ug/L	
W-420	10/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-420	10/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-420	10/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-421	3/24/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-421	3/24/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-421	3/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-421	3/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-421	3/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-421	3/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-421	3/24/25	RTN	Bromoform		< 0.5	ug/L	
W-421	3/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-421	3/24/25	RTN	Chloroform		< 0.5	ug/L	
W-421	3/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-421	3/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-421	3/24/25	RTN	Trichloroethene		< 0.5	ug/L	
W-421	3/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-421	3/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-421	3/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-421	3/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-421	3/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-421	4/28/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-421	4/28/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-421	4/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-421	4/28/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-421	4/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-421	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-421	4/28/25	RTN	Bromoform		< 0.5	ug/L	
W-421	4/28/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-421	4/28/25	RTN	Chloroform		< 0.5	ug/L	
W-421	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-421	4/28/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-421	4/28/25	RTN	Trichloroethene		< 0.5	ug/L	
W-421	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-421	4/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-421	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-421	4/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-421	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-421	7/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-421	7/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-421	7/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-421	7/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-421	7/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-421	7/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-421	7/16/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-421	7/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-421	7/16/25	RTN	Chloroform		< 0.5	ug/L	
W-421	7/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-421	7/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-421	7/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-421	7/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-421	7/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-421	7/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-421	7/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-421	7/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-421	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-421	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-421	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-421	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-421	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-421	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-421	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-421	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-421	12/1/25	RTN	Chloroform		< 0.5	ug/L	
W-421	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-421	12/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-421	12/1/25	RTN	Trichloroethene		< 0.5	ug/L	
W-421	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-421	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-421	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-421	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-421	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-422	7/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-422	7/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-422	7/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-422	7/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-422	7/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-422	7/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-422	7/21/25	RTN	Bromoform		< 0.5	ug/L	
W-422	7/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-422	7/21/25	RTN	Chloroform		< 0.5	ug/L	
W-422	7/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-422	7/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-422	7/21/25	RTN	Trichloroethene		3	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-422	7/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-422	7/21/25	RTN	Trichlorotrifluoroethane		0.8	ug/L	
W-422	7/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-422	7/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-422	7/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-423	5/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-423	5/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-423	5/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-423	5/12/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-423	5/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-423	5/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-423	5/12/25	RTN	Bromoform		< 0.5	ug/L	
W-423	5/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-423	5/12/25	RTN	Chloroform		< 0.5	ug/L	
W-423	5/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-423	5/12/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-423	5/12/25	RTN	Trichloroethene		< 0.5	ug/L	
W-423	5/12/25	RTN	Trichlorofluoromethane		9.6	ug/L	
W-423	5/12/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-423	5/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-423	5/12/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-423	5/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-446	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-446	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-446	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-446	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-446	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-446	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-446	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-446	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-446	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-446	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-446	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-446	4/2/25	RTN	Trichloroethene		< 0.5	ug/L	
W-446	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-446	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-446	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-446	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-446	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-446	11/5/25	RTN	Chromium		< 0.001	mg/L	
W-446	11/5/25	RTN	Hexavalent Chromium		< 0.002	mg/L	
W-447	10/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-447	10/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-447	10/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	J
W-447	10/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	J
W-447	10/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-447	10/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-447	10/15/25	RTN	Bromoform		< 0.5	ug/L	
W-447	10/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-447	10/15/25	RTN	Chloroform		< 0.5	ug/L	
W-447	10/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-447	10/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-447	10/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-447	10/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-447	10/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	J
W-447	10/15/25	RTN	Vinyl chloride		< 0.5	ug/L	JL
W-447	10/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-447	10/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	J
W-448	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-448	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-448	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-448	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-448	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-448	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-448	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-448	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-448	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-448	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-448	1/16/25	RTN	Tetrachloroethene		2.2	ug/L	
W-448	1/16/25	RTN	Trichloroethene		0.67	ug/L	
W-448	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-448	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-448	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-448	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-448	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-451	2/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-451	2/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-451	2/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-451	2/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-451	2/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-451	2/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-451	2/24/25	RTN	Bromoform		< 0.5	ug/L	
W-451	2/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-451	2/24/25	RTN	Chloroform		< 0.5	ug/L	
W-451	2/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-451	2/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-451	2/24/25	RTN	Trichloroethene		< 0.5	ug/L	
W-451	2/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-451	2/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-451	2/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-451	2/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-451	2/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-452	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-452	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-452	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-452	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-452	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-452	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-452	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-452	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-452	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-452	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-452	4/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-452	4/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-452	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-452	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-452	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-452	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-452	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-453	10/21/25	RTN	Chromium		0.03	mg/L	
W-453	10/21/25	RTN	Hexavalent Chromium		0.03	mg/L	
W-455	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-455	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-455	7/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-455	7/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-455	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-455	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-455	7/30/25	RTN	Bromoform		< 0.5	ug/L	
W-455	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-455	7/30/25	RTN	Chloroform		< 0.5	ug/L	
W-455	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-455	7/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-455	7/30/25	RTN	Trichloroethene		< 0.5	ug/L	
W-455	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-455	7/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-455	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-455	7/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-455	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-455	11/11/25	RTN	Chromium		0.024	mg/L	
W-455	11/11/25	RTN	Hexavalent Chromium		0.023	mg/L	
W-457	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-457	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-457	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-457	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-457	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-457	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-457	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-457	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-457	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-457	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-457	1/16/25	RTN	Tetrachloroethene		2.2	ug/L	
W-457	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-457	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-457	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-457	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-457	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-457	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-457	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-457	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-457	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-457	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-457	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-457	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-457	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-457	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-457	4/9/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-457	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-457	4/9/25	RTN	Tetrachloroethene		2.7	ug/L	
W-457	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-457	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-457	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-457	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-457	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-457	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-457	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-457	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-457	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-457	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-457	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-457	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-457	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-457	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-457	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-457	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-457	7/10/25	RTN	Tetrachloroethene		3	ug/L	
W-457	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-457	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-457	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-457	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-457	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-457	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-457	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-457	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-457	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-457	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-457	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-457	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-457	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-457	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-457	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-457	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-457	10/9/25	RTN	Tetrachloroethene		3	ug/L	
W-457	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-457	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-457	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-457	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-457	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-457	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-459	11/11/25	RTN	Chromium		0.022	mg/L	
W-459	11/11/25	RTN	Hexavalent Chromium		0.021	mg/L	
W-462	9/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-462	9/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-462	9/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-462	9/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-462	9/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-462	9/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-462	9/4/25	RTN	Bromoform		< 0.5	ug/L	
W-462	9/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-462	9/4/25	RTN	Chloroform		< 0.5	ug/L	
W-462	9/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-462	9/4/25	RTN	Tetrachloroethene		0.79	ug/L	
W-462	9/4/25	RTN	Trichloroethene		< 0.5	ug/L	
W-462	9/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-462	9/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-462	9/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-462	9/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-462	9/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-463	2/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-463	2/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-463	2/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-463	2/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-463	2/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-463	2/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-463	2/24/25	RTN	Bromoform		< 0.5	ug/L	
W-463	2/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-463	2/24/25	RTN	Chloroform		< 0.5	ug/L	
W-463	2/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-463	2/24/25	RTN	Tetrachloroethene		0.6	ug/L	
W-463	2/24/25	RTN	Trichloroethene		< 0.5	ug/L	
W-463	2/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-463	2/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-463	2/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-463	2/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-463	2/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-464	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-464	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-464	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-464	3/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-464	3/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-464	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-464	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-464	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-464	3/3/25	RTN	Chloroform		3.6	ug/L	
W-464	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-464	3/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-464	3/3/25	RTN	Trichloroethene		2.5	ug/L	
W-464	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-464	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-464	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-464	3/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-464	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-464	4/22/25	RTN	Tritium		< 100	pCi/L	
W-464	7/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-464	7/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-464	7/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-464	7/22/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-464	7/22/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-464	7/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-464	7/22/25	RTN	Bromoform		< 0.5	ug/L	
W-464	7/22/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-464	7/22/25	RTN	Chloroform		3.3	ug/L	
W-464	7/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-464	7/22/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-464	7/22/25	RTN	Trichloroethene		2.4	ug/L	
W-464	7/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-464	7/22/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-464	7/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-464	7/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-464	7/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-481	3/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-481	3/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-481	3/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-481	3/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-481	3/4/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-481	3/4/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-481	3/4/25	RTN	Bromoform	<	0.5	ug/L	
W-481	3/4/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-481	3/4/25	RTN	Chloroform		2.4	ug/L	
W-481	3/4/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-481	3/4/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-481	3/4/25	RTN	Trichloroethene	<	0.5	ug/L	
W-481	3/4/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-481	3/4/25	RTN	Trichlorotrifluoroethane		0.5	ug/L	
W-481	3/4/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-481	3/4/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-481	3/4/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-481	4/3/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-481	4/3/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-481	4/3/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-481	4/3/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-481	4/3/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-481	4/3/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-481	4/3/25	RTN	Bromoform	<	0.5	ug/L	
W-481	4/3/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-481	4/3/25	RTN	Chloroform		2.2	ug/L	
W-481	4/3/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-481	4/3/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-481	4/3/25	RTN	Trichloroethene	<	0.5	ug/L	
W-481	4/3/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-481	4/3/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-481	4/3/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-481	4/3/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-481	4/3/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-481	7/7/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-481	7/7/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-481	7/7/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-481	7/7/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-481	7/7/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-481	7/7/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-481	7/7/25	RTN	Bromoform	<	0.5	ug/L	
W-481	7/7/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-481	7/7/25	RTN	Chloroform		2.2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-481	7/7/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-481	7/7/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-481	7/7/25	RTN	Trichloroethene	<	0.5	ug/L	
W-481	7/7/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-481	7/7/25	RTN	Trichlorotrifluoroethane		0.5	ug/L	
W-481	7/7/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-481	7/7/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-481	7/7/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-481	12/2/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-481	12/2/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-481	12/2/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-481	12/2/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-481	12/2/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-481	12/2/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-481	12/2/25	RTN	Bromoform	<	0.5	ug/L	
W-481	12/2/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-481	12/2/25	RTN	Chloroform		2	ug/L	
W-481	12/2/25	RTN	Chromium		0.017	mg/L	
W-481	12/2/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-481	12/2/25	RTN	Hexavalent Chromium		0.0096	mg/L	
W-481	12/2/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-481	12/2/25	RTN	Trichloroethene	<	0.5	ug/L	
W-481	12/2/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-481	12/2/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-481	12/2/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-481	12/2/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-481	12/2/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-482	7/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-482	7/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-482	7/15/25	RTN	1,1-Dichloroethane		2.8	ug/L	
W-482	7/15/25	RTN	1,1-Dichloroethene		2.3	ug/L	
W-482	7/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-482	7/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-482	7/15/25	RTN	Bromoform	<	0.5	ug/L	
W-482	7/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-482	7/15/25	RTN	Chloroform	<	0.5	ug/L	
W-482	7/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-482	7/15/25	RTN	Tetrachloroethene		1.1	ug/L	
W-482	7/15/25	RTN	Trichloroethene		1.9	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-482	7/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-482	7/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-482	7/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-482	7/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-482	7/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-484	7/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-484	7/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-484	7/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-484	7/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-484	7/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-484	7/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-484	7/15/25	RTN	Bromoform		< 0.5	ug/L	
W-484	7/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-484	7/15/25	RTN	Chloroform		< 0.5	ug/L	
W-484	7/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-484	7/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-484	7/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-484	7/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-484	7/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-484	7/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-484	7/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-484	7/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-485	2/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-485	2/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-485	2/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-485	2/24/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-485	2/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-485	2/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-485	2/24/25	RTN	Bromoform		< 0.5	ug/L	
W-485	2/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-485	2/24/25	RTN	Chloroform		< 0.5	ug/L	
W-485	2/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-485	2/24/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-485	2/24/25	RTN	Trichloroethene		< 0.5	ug/L	
W-485	2/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-485	2/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-485	2/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-485	2/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-485	2/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-487	4/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-487	4/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-487	4/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-487	4/30/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-487	4/30/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-487	4/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-487	4/30/25	RTN	Bromoform	<	0.5	ug/L	
W-487	4/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-487	4/30/25	RTN	Chloroform	<	0.5	ug/L	
W-487	4/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-487	4/30/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-487	4/30/25	RTN	Trichloroethene	<	0.5	ug/L	
W-487	4/30/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-487	4/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-487	4/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-487	4/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-487	4/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-487	10/23/25	RTN	Chromium		0.07	mg/L	
W-487	10/23/25	RTN	Hexavalent Chromium		0.076	mg/L	D
W-501	1/21/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-501	1/21/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-501	1/21/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-501	1/21/25	RTN	1,1-Dichloroethene		0.66	ug/L	
W-501	1/21/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-501	1/21/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-501	1/21/25	RTN	Bromoform	<	0.5	ug/L	
W-501	1/21/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-501	1/21/25	RTN	Chloroform		9.7	ug/L	
W-501	1/21/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-501	1/21/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-501	1/21/25	RTN	Trichloroethene		1.9	ug/L	
W-501	1/21/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-501	1/21/25	RTN	Trichlorotrifluoroethane		3.4	ug/L	
W-501	1/21/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-501	1/21/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-501	1/21/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-502	1/13/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-502	1/13/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-502	1/13/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-502	1/13/25	RTN	1,1-Dichloroethene		0.5	ug/L	
W-502	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-502	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-502	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-502	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-502	1/13/25	RTN	Chloroform		< 0.5	ug/L	
W-502	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-502	1/13/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-502	1/13/25	RTN	Trichloroethene		3.4	ug/L	
W-502	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-502	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-502	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-502	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	E
W-502	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-503	1/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	1,1-Dichloroethene		0.97	ug/L	H
W-503	1/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	Bromoform		< 0.5	ug/L	H
W-503	1/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-503	1/21/25	RTN	Chloroform		0.62	ug/L	H
W-503	1/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	H
W-503	1/21/25	RTN	Trichloroethene		0.63	ug/L	H
W-503	1/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-503	1/21/25	RTN	Trichlorotrifluoroethane		11	ug/L	H
W-503	1/21/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-503	1/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-503	1/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-505	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-505	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-505	4/2/25	RTN	1,1-Dichloroethane		1.3	ug/L	
W-505	4/2/25	RTN	1,1-Dichloroethene		1.9	ug/L	
W-505	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-505	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-505	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-505	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-505	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-505	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-505	4/2/25	RTN	Tetrachloroethene		1.6	ug/L	
W-505	4/2/25	RTN	Trichloroethene		0.57	ug/L	
W-505	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-505	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-505	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-505	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-505	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-505	10/27/25	RTN	Chromium		0.021	mg/L	
W-505	10/27/25	RTN	Hexavalent Chromium		0.025	mg/L	
W-506	7/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-506	7/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-506	7/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-506	7/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-506	7/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-506	7/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-506	7/15/25	RTN	Bromoform		< 0.5	ug/L	
W-506	7/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-506	7/15/25	RTN	Chloroform		< 0.5	ug/L	
W-506	7/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-506	7/15/25	RTN	Tetrachloroethene		1.3	ug/L	
W-506	7/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-506	7/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-506	7/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-506	7/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-506	7/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-506	7/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-507	10/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-507	10/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-507	10/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-507	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-507	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-507	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-507	10/21/25	RTN	Bromoform		< 0.5	ug/L	
W-507	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-507	10/21/25	RTN	Chloroform		< 0.5	ug/L	
W-507	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-507	10/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-507	10/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-507	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-507	10/21/25	RTN	Trichlorotrifluoroethane		0.7	ug/L	
W-507	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-507	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-507	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-509	8/18/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-509	8/18/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-509	8/18/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-509	8/18/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-509	8/18/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-509	8/18/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-509	8/18/25	RTN	Bromoform		< 0.5	ug/L	
W-509	8/18/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-509	8/18/25	RTN	Chloroform		< 0.5	ug/L	
W-509	8/18/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-509	8/18/25	RTN	Tetrachloroethene		< 0.5	ug/L	L
W-509	8/18/25	RTN	Trichloroethene		1.3	ug/L	
W-509	8/18/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-509	8/18/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-509	8/18/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-509	8/18/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-509	8/18/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-510	5/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-510	5/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-510	5/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-510	5/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-510	5/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-510	5/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-510	5/13/25	RTN	Bromoform		< 0.5	ug/L	
W-510	5/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-510	5/13/25	RTN	Chloroform		9.8	ug/L	
W-510	5/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-510	5/13/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-510	5/13/25	RTN	Trichloroethene		< 0.5	ug/L	
W-510	5/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-510	5/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-510	5/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-510	5/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-510	5/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-513	2/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-513	2/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-513	2/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-513	2/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-513	2/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-513	2/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-513	2/27/25	RTN	Bromoform		< 0.5	ug/L	
W-513	2/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-513	2/27/25	RTN	Chloroform		1.5	ug/L	
W-513	2/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-513	2/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-513	2/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-513	2/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-513	2/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-513	2/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-513	2/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-513	2/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-515	3/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-515	3/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-515	3/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-515	3/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-515	3/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-515	3/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-515	3/4/25	RTN	Bromoform		< 0.5	ug/L	
W-515	3/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-515	3/4/25	RTN	Chloroform		< 0.5	ug/L	
W-515	3/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-515	3/4/25	RTN	Tetrachloroethene		0.62	ug/L	
W-515	3/4/25	RTN	Trichloroethene		88	ug/L	
W-515	3/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-515	3/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-515	3/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-515	3/4/25	RTN	cis-1,2-Dichloroethene		0.55	ug/L	
W-515	3/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-515	3/4/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-515	3/4/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-515	3/4/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-515	3/4/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-515	3/4/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-515	3/4/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-515	3/4/25	DUP	Bromoform		< 0.5	ug/L	
W-515	3/4/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-515	3/4/25	DUP	Chloroform		< 0.5	ug/L	
W-515	3/4/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-515	3/4/25	DUP	Tetrachloroethene		0.68	ug/L	
W-515	3/4/25	DUP	Trichloroethene		94	ug/L	
W-515	3/4/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-515	3/4/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-515	3/4/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-515	3/4/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-515	3/4/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-515	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-515	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-515	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-515	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-515	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-515	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-515	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-515	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-515	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-515	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-515	4/14/25	RTN	Tetrachloroethene		0.56	ug/L	
W-515	4/14/25	RTN	Trichloroethene		86	ug/L	
W-515	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-515	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-515	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-515	4/14/25	RTN	cis-1,2-Dichloroethene		0.52	ug/L	
W-515	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-515	8/21/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-515	8/21/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-515	8/21/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-515	8/21/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-515	8/21/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-515	8/21/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-515	8/21/25	DUP	Bromoform		< 0.5	ug/L	
W-515	8/21/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-515	8/21/25	DUP	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-515	8/21/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-515	8/21/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-515	8/21/25	DUP	Trichloroethene		5.3	ug/L	
W-515	8/21/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-515	8/21/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-515	8/21/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-515	8/21/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-515	8/21/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-515	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-515	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-515	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-515	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-515	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-515	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-515	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-515	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-515	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-515	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-515	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-515	8/21/25	RTN	Trichloroethene		3.2	ug/L	
W-515	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-515	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-515	8/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-515	8/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-515	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-515	10/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-515	10/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-515	10/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-515	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-515	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-515	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-515	10/21/25	RTN	Bromoform		< 0.5	ug/L	
W-515	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-515	10/21/25	RTN	Chloroform		< 0.5	ug/L	
W-515	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-515	10/21/25	RTN	Tetrachloroethene		0.6	ug/L	
W-515	10/21/25	RTN	Trichloroethene		85	ug/L	
W-515	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-515	10/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-515	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-515	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-515	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-516	3/11/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-516	3/11/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-516	3/11/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-516	3/11/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-516	3/11/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-516	3/11/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-516	3/11/25	RTN	Bromoform		< 0.5	ug/L	
W-516	3/11/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-516	3/11/25	RTN	Chloroform		< 0.5	ug/L	
W-516	3/11/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-516	3/11/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-516	3/11/25	RTN	Trichloroethene		15	ug/L	
W-516	3/11/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-516	3/11/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-516	3/11/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-516	3/11/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-516	3/11/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-516	3/11/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-516	3/11/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-516	3/11/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-516	3/11/25	DUP	1,1-Dichloroethene		< 0.5	ug/L	
W-516	3/11/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-516	3/11/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-516	3/11/25	DUP	Bromoform		< 0.5	ug/L	
W-516	3/11/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-516	3/11/25	DUP	Chloroform		< 0.5	ug/L	
W-516	3/11/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-516	3/11/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-516	3/11/25	DUP	Trichloroethene		16	ug/L	
W-516	3/11/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-516	3/11/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-516	3/11/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-516	3/11/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-516	3/11/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-516	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-516	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-516	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-516	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-516	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-516	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-516	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-516	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-516	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-516	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-516	4/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-516	4/14/25	RTN	Trichloroethene		16	ug/L	
W-516	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-516	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-516	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-516	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-516	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-516	7/31/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-516	7/31/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-516	7/31/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-516	7/31/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-516	7/31/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-516	7/31/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-516	7/31/25	RTN	Bromoform		< 0.5	ug/L	
W-516	7/31/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-516	7/31/25	RTN	Chloroform		< 0.5	ug/L	
W-516	7/31/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-516	7/31/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-516	7/31/25	RTN	Trichloroethene		< 0.5	ug/L	
W-516	7/31/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-516	7/31/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-516	7/31/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-516	7/31/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-516	7/31/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-516	10/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-516	10/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-516	10/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-516	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-516	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-516	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-516	10/21/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-516	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-516	10/21/25	RTN	Chloroform		< 0.5	ug/L	
W-516	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-516	10/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-516	10/21/25	RTN	Trichloroethene		15	ug/L	
W-516	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-516	10/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-516	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-516	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-516	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-517	3/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-517	3/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-517	3/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-517	3/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-517	3/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-517	3/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-517	3/6/25	RTN	Bromoform		< 0.5	ug/L	
W-517	3/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-517	3/6/25	RTN	Chloroform		< 0.5	ug/L	
W-517	3/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-517	3/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-517	3/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-517	3/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-517	3/6/25	RTN	Trichlorotrifluoroethane		0.98	ug/L	
W-517	3/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-517	3/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-517	3/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-517	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-517	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-517	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-517	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-517	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-517	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-517	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-517	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-517	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-517	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-517	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-517	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-517	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-517	4/9/25	RTN	Trichlorotrifluoroethane		0.88	ug/L	
W-517	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-517	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-517	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-517	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-517	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-517	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-517	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-517	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-517	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-517	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-517	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-517	7/8/25	RTN	Chloroform		< 0.5	ug/L	
W-517	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-517	7/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-517	7/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-517	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-517	7/8/25	RTN	Trichlorotrifluoroethane		0.94	ug/L	
W-517	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-517	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-517	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-517	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-517	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-517	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-517	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-517	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-517	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-517	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-517	10/7/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-517	10/7/25	RTN	Chloroform		< 0.5	ug/L	
W-517	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-517	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-517	10/7/25	RTN	Trichloroethene		< 0.5	ug/L	
W-517	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-517	10/7/25	RTN	Trichlorotrifluoroethane		0.87	ug/L	
W-517	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-517	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-517	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-518	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-518	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-518	1/16/25	RTN	1,1-Dichloroethane		4.6	ug/L	
W-518	1/16/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-518	1/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-518	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-518	1/16/25	RTN	Bromoform	<	0.5	ug/L	
W-518	1/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-518	1/16/25	RTN	Chloroform	<	0.5	ug/L	
W-518	1/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-518	1/16/25	RTN	Tetrachloroethene		4.1	ug/L	
W-518	1/16/25	RTN	Trichloroethene	<	0.5	ug/L	
W-518	1/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-518	1/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-518	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-518	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-518	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-518	4/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-518	4/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-518	4/9/25	RTN	1,1-Dichloroethane		5.2	ug/L	
W-518	4/9/25	RTN	1,1-Dichloroethene		3.3	ug/L	
W-518	4/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-518	4/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-518	4/9/25	RTN	Bromoform	<	0.5	ug/L	
W-518	4/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-518	4/9/25	RTN	Chloroform	<	0.5	ug/L	
W-518	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-518	4/9/25	RTN	Tetrachloroethene		4.5	ug/L	
W-518	4/9/25	RTN	Trichloroethene	<	0.5	ug/L	
W-518	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-518	4/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-518	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-518	4/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-518	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-518	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-518	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-518	7/10/25	RTN	1,1-Dichloroethane		3.3	ug/L	
W-518	7/10/25	RTN	1,1-Dichloroethene		2	ug/L	
W-518	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-518	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-518	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-518	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518	7/10/25	RTN	Tetrachloroethene		4.4	ug/L	
W-518	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-518	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518	10/9/25	RTN	1,1-Dichloroethane		4.2	ug/L	
W-518	10/9/25	RTN	1,1-Dichloroethene		3	ug/L	
W-518	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-518	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-518	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518	10/9/25	RTN	Tetrachloroethene		4.7	ug/L	
W-518	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-518	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-518	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-518-1914	1/13/25	RTN	Tetrachloroethene		2	ug/L	
W-518-1914	1/13/25	RTN	Trichloroethene		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	1/13/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Tetrachloroethene		1	ug/L	
W-518-1914	4/21/25	RTN	Trichloroethene		0.66	ug/L	
W-518-1914	4/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	4/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Trichloroethene		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1914	7/29/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-518-1914	7/29/25	RTN	cis-1,2-Dichloroethene		1.7	ug/L	
W-518-1914	7/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Tetrachloroethene		2.3	ug/L	
W-518-1914	10/20/25	RTN	Trichloroethene		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1914	10/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-518-1915	2/24/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Tetrachloroethene		68	ug/L	
W-518-1915	2/24/25	RTN	Trichloroethene		210	ug/L	D
W-518-1915	2/24/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1915	2/24/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-518-1915	6/10/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-518-1915	6/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Tetrachloroethene		65	ug/L	
W-518-1915	6/10/25	RTN	Trichloroethene		190	ug/L	D
W-518-1915	6/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1915	6/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-518-1915	8/25/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Bromoform		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Chloroform		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Tetrachloroethene		67	ug/L	
W-518-1915	8/25/25	RTN	Trichloroethene		210	ug/L	D
W-518-1915	8/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-518-1915	8/25/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-519	12/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-519	12/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-519	12/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-519	12/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-519	12/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-519	12/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-519	12/1/25	RTN	Bromoform		< 0.5	ug/L	
W-519	12/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-519	12/1/25	RTN	Chloroform		< 0.5	ug/L	
W-519	12/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-519	12/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-519	12/1/25	RTN	Trichloroethene		0.69	ug/L	
W-519	12/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-519	12/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-519	12/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-519	12/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-519	12/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-521	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-521	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-521	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-521	4/2/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-521	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-521	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-521	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-521	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-521	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-521	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-521	4/2/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-521	4/2/25	RTN	Trichloroethene		< 0.5	ug/L	
W-521	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-521	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-521	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-521	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-521	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-522	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-522	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-522	1/16/25	RTN	1,1-Dichloroethane		0.75	ug/L	
W-522	1/16/25	RTN	1,1-Dichloroethene		0.51	ug/L	
W-522	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-522	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-522	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-522	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-522	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-522	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-522	1/16/25	RTN	Tetrachloroethene		1.9	ug/L	
W-522	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-522	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-522	1/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-522	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-522	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-522	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-522	4/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-522	4/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-522	4/9/25	RTN	1,1-Dichloroethane		0.9	ug/L	
W-522	4/9/25	RTN	1,1-Dichloroethene		0.67	ug/L	
W-522	4/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-522	4/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-522	4/9/25	RTN	Bromoform	<	0.5	ug/L	
W-522	4/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-522	4/9/25	RTN	Chloroform	<	0.5	ug/L	
W-522	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-522	4/9/25	RTN	Tetrachloroethene		1.6	ug/L	
W-522	4/9/25	RTN	Trichloroethene	<	0.5	ug/L	
W-522	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-522	4/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-522	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-522	4/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-522	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-522	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-522	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-522	7/10/25	RTN	1,1-Dichloroethane		0.81	ug/L	
W-522	7/10/25	RTN	1,1-Dichloroethene		0.58	ug/L	
W-522	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-522	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-522	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-522	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-522	7/10/25	RTN	Chloroform	<	0.5	ug/L	
W-522	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-522	7/10/25	RTN	Tetrachloroethene		1.8	ug/L	
W-522	7/10/25	RTN	Trichloroethene	<	0.5	ug/L	
W-522	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-522	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-522	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-522	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-522	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-522	10/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-522	10/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-522	10/9/25	RTN	1,1-Dichloroethane		0.77	ug/L	
W-522	10/9/25	RTN	1,1-Dichloroethene		0.71	ug/L	
W-522	10/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-522	10/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-522	10/9/25	RTN	Bromoform	<	0.5	ug/L	
W-522	10/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-522	10/9/25	RTN	Chloroform	<	0.5	ug/L	
W-522	10/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-522	10/9/25	RTN	Tetrachloroethene		1.8	ug/L	
W-522	10/9/25	RTN	Trichloroethene	<	0.5	ug/L	
W-522	10/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-522	10/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-522	10/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-522	10/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-522	10/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-551	11/17/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-551	11/17/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-551	11/17/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-551	11/17/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-551	11/17/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-551	11/17/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-551	11/17/25	RTN	Bromoform	<	0.5	ug/L	
W-551	11/17/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-551	11/17/25	RTN	Chloroform		1.5	ug/L	
W-551	11/17/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-551	11/17/25	RTN	Tetrachloroethene		8.8	ug/L	
W-551	11/17/25	RTN	Trichloroethene		3.8	ug/L	
W-551	11/17/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-551	11/17/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-551	11/17/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-551	11/17/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-551	11/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-552	10/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-552	10/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-552	10/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	J
W-552	10/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	J
W-552	10/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-552	10/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-552	10/15/25	RTN	Bromoform		< 0.5	ug/L	
W-552	10/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-552	10/15/25	RTN	Chloroform		< 0.5	ug/L	
W-552	10/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-552	10/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-552	10/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-552	10/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-552	10/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	J
W-552	10/15/25	RTN	Vinyl chloride		< 0.5	ug/L	JL
W-552	10/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-552	10/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	J
W-555	10/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-555	10/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-555	10/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	J
W-555	10/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	J
W-555	10/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-555	10/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-555	10/15/25	RTN	Bromoform		< 0.5	ug/L	
W-555	10/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-555	10/15/25	RTN	Chloroform		< 0.5	ug/L	
W-555	10/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-555	10/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-555	10/15/25	RTN	Trichloroethene		1.3	ug/L	
W-555	10/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-555	10/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	J
W-555	10/15/25	RTN	Vinyl chloride		< 0.5	ug/L	JL
W-555	10/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-555	10/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	J
W-556	2/10/25	RTN	Hexavalent Chromium		0.019	mg/L	
W-556	2/10/25	RTN	Tritium		< 100	pCi/L	
W-556	7/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-556	7/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-556	7/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-556	7/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-556	7/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-556	7/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-556	7/16/25	RTN	Bromoform		< 0.5	ug/L	
W-556	7/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-556	7/16/25	RTN	Chloroform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-556	7/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-556	7/16/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-556	7/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-556	7/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-556	7/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-556	7/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-556	7/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-556	7/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-557	2/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-557	2/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-557	2/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-557	2/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-557	2/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-557	2/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-557	2/27/25	RTN	Bromoform		< 0.5	ug/L	
W-557	2/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-557	2/27/25	RTN	Chloroform		< 0.5	ug/L	
W-557	2/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-557	2/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-557	2/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-557	2/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-557	2/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-557	2/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-557	2/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-557	2/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-558	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-558	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-558	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-558	4/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-558	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-558	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-558	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-558	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-558	4/8/25	RTN	Chloroform		< 0.5	ug/L	
W-558	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-558	4/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-558	4/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-558	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-558	4/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-558	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-558	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-558	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-558	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-558	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-558	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-558	7/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-558	7/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-558	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-558	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-558	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-558	7/8/25	RTN	Chloroform		< 0.5	ug/L	
W-558	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-558	7/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-558	7/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-558	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-558	7/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-558	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-558	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-558	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-558	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-558	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-558	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-558	10/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-558	10/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-558	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-558	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-558	10/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-558	10/8/25	RTN	Chloroform		< 0.5	ug/L	
W-558	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-558	10/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-558	10/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-558	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-558	10/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-558	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	L
W-558	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-558	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-559	2/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-559	2/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-559	2/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-559	2/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-559	2/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-559	2/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-559	2/27/25	RTN	Bromoform		< 0.5	ug/L	
W-559	2/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-559	2/27/25	RTN	Chloroform		< 0.5	ug/L	
W-559	2/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-559	2/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-559	2/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-559	2/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-559	2/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-559	2/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-559	2/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-559	2/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-560	3/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-560	3/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-560	3/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-560	3/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-560	3/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-560	3/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-560	3/3/25	RTN	Bromoform		< 0.5	ug/L	
W-560	3/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-560	3/3/25	RTN	Chloroform		< 0.5	ug/L	
W-560	3/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-560	3/3/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-560	3/3/25	RTN	Trichloroethene		< 0.5	ug/L	
W-560	3/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-560	3/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-560	3/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-560	3/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-560	3/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-561	5/1/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-561	5/1/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-561	5/1/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-561	5/1/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-561	5/1/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-561	5/1/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-561	5/1/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-561	5/1/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-561	5/1/25	RTN	Chloroform		< 0.5	ug/L	
W-561	5/1/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-561	5/1/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-561	5/1/25	RTN	Trichloroethene		< 0.5	ug/L	
W-561	5/1/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-561	5/1/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-561	5/1/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-561	5/1/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-561	5/1/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-562	2/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-562	2/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-562	2/25/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-562	2/25/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-562	2/25/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-562	2/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-562	2/25/25	RTN	Bromoform		< 0.5	ug/L	
W-562	2/25/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-562	2/25/25	RTN	Chloroform		< 0.5	ug/L	
W-562	2/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-562	2/25/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-562	2/25/25	RTN	Trichloroethene		< 0.5	ug/L	
W-562	2/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-562	2/25/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-562	2/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-562	2/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-562	2/25/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-563	8/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-563	8/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-563	8/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-563	8/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-563	8/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-563	8/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-563	8/21/25	RTN	Bromoform		< 0.5	ug/L	
W-563	8/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-563	8/21/25	RTN	Chloroform		< 0.5	ug/L	
W-563	8/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-563	8/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-563	8/21/25	RTN	Trichloroethene		0.74	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-563	8/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-563	8/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-563	8/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-563	8/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-563	8/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-564	12/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-564	12/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-564	12/4/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-564	12/4/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-564	12/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-564	12/4/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-564	12/4/25	RTN	Bromoform		< 0.5	ug/L	
W-564	12/4/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-564	12/4/25	RTN	Chloroform		< 0.5	ug/L	
W-564	12/4/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-564	12/4/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-564	12/4/25	RTN	Trichloroethene		11	ug/L	
W-564	12/4/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-564	12/4/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-564	12/4/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-564	12/4/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-564	12/4/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-565	4/9/25	RTN	Tritium		221	pCi/L	
W-565	10/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-565	10/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-565	10/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-565	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-565	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-565	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-565	10/21/25	RTN	Bromoform		< 0.5	ug/L	
W-565	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-565	10/21/25	RTN	Chloroform		< 0.5	ug/L	
W-565	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-565	10/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-565	10/21/25	RTN	Trichloroethene		2	ug/L	
W-565	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-565	10/21/25	RTN	Trichlorotrifluoroethane		3.4	ug/L	
W-565	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-565	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-565	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-566	1/22/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-566	1/22/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-566	1/22/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-566	1/22/25	RTN	1,1-Dichloroethene		5.4	ug/L	
W-566	1/22/25	RTN	1,2-Dichloroethane		0.61	ug/L	
W-566	1/22/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-566	1/22/25	RTN	Bromoform		< 0.5	ug/L	
W-566	1/22/25	RTN	Carbon tetrachloride		0.52	ug/L	
W-566	1/22/25	RTN	Chloroform		5.2	ug/L	
W-566	1/22/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-566	1/22/25	RTN	Tetrachloroethene		7.8	ug/L	
W-566	1/22/25	RTN	Trichloroethene		78	ug/L	
W-566	1/22/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-566	1/22/25	RTN	Trichlorotrifluoroethane		3.8	ug/L	
W-566	1/22/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-566	1/22/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-566	1/22/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-566	1/22/25	RTN	Tritium		< 100	pCi/L	
W-566	4/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-566	4/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-566	4/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-566	4/8/25	RTN	1,1-Dichloroethene		5.5	ug/L	
W-566	4/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-566	4/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-566	4/8/25	RTN	Bromoform		< 0.5	ug/L	
W-566	4/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-566	4/8/25	RTN	Chloroform		4.6	ug/L	
W-566	4/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-566	4/8/25	RTN	Tetrachloroethene		6.4	ug/L	
W-566	4/8/25	RTN	Trichloroethene		64	ug/L	
W-566	4/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-566	4/8/25	RTN	Trichlorotrifluoroethane		3.2	ug/L	
W-566	4/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-566	4/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-566	4/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-566	4/8/25	RTN	Tritium		< 100	pCi/L	
W-566	7/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-566	7/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-566	7/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-566	7/8/25	RTN	1,1-Dichloroethene		4.8	ug/L	
W-566	7/8/25	RTN	1,2-Dichloroethane		0.5	ug/L	
W-566	7/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-566	7/8/25	RTN	Bromoform		< 0.5	ug/L	
W-566	7/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-566	7/8/25	RTN	Chloroform		4.5	ug/L	
W-566	7/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-566	7/8/25	RTN	Tetrachloroethene		6.7	ug/L	
W-566	7/8/25	RTN	Trichloroethene		60	ug/L	
W-566	7/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-566	7/8/25	RTN	Trichlorotrifluoroethane		3.1	ug/L	
W-566	7/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-566	7/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-566	7/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-566	7/8/25	RTN	Tritium		< 100	pCi/L	
W-566	10/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-566	10/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-566	10/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-566	10/8/25	RTN	1,1-Dichloroethene		7.2	ug/L	
W-566	10/8/25	RTN	1,2-Dichloroethane		0.63	ug/L	
W-566	10/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-566	10/8/25	RTN	Bromoform		< 0.5	ug/L	
W-566	10/8/25	RTN	Carbon tetrachloride		0.61	ug/L	
W-566	10/8/25	RTN	Chloroform		6.2	ug/L	
W-566	10/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-566	10/8/25	RTN	Tetrachloroethene		7.2	ug/L	
W-566	10/8/25	RTN	Trichloroethene		79	ug/L	
W-566	10/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-566	10/8/25	RTN	Trichlorotrifluoroethane		3.5	ug/L	
W-566	10/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-566	10/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-566	10/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-566	10/8/25	RTN	Tritium		< 100	pCi/L	
W-567	9/8/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-567	9/8/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-567	9/8/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-567	9/8/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-567	9/8/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-567	9/8/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-567	9/8/25	RTN	Bromoform		< 0.5	ug/L	
W-567	9/8/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-567	9/8/25	RTN	Chloroform		< 0.5	ug/L	
W-567	9/8/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-567	9/8/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-567	9/8/25	RTN	Trichloroethene		< 0.5	ug/L	
W-567	9/8/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-567	9/8/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-567	9/8/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-567	9/8/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-567	9/8/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-568	2/20/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-568	2/20/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-568	2/20/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-568	2/20/25	DUP	1,1-Dichloroethene		7.3	ug/L	
W-568	2/20/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-568	2/20/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-568	2/20/25	DUP	Bromoform		< 0.5	ug/L	
W-568	2/20/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-568	2/20/25	DUP	Chloroform		100	ug/L	D
W-568	2/20/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-568	2/20/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-568	2/20/25	DUP	Trichloroethene		54	ug/L	
W-568	2/20/25	DUP	Trichlorofluoromethane		3.8	ug/L	
W-568	2/20/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-568	2/20/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-568	2/20/25	DUP	cis-1,2-Dichloroethene		0.53	ug/L	
W-568	2/20/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-568	2/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-568	2/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-568	2/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-568	2/20/25	RTN	1,1-Dichloroethene		6	ug/L	
W-568	2/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-568	2/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-568	2/20/25	RTN	Bromoform		< 0.5	ug/L	
W-568	2/20/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-568	2/20/25	RTN	Chloroform		99	ug/L	
W-568	2/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-568	2/20/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-568	2/20/25	RTN	Trichloroethene		47	ug/L	
W-568	2/20/25	RTN	Trichlorofluoromethane		3.9	ug/L	
W-568	2/20/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-568	2/20/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-568	2/20/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-568	2/20/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-568	4/30/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-568	4/30/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-568	4/30/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-568	4/30/25	RTN	1,1-Dichloroethene		4.3	ug/L	
W-568	4/30/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-568	4/30/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-568	4/30/25	RTN	Bromoform	<	0.5	ug/L	
W-568	4/30/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-568	4/30/25	RTN	Chloroform		69	ug/L	
W-568	4/30/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-568	4/30/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-568	4/30/25	RTN	Trichloroethene		36	ug/L	
W-568	4/30/25	RTN	Trichlorofluoromethane		3.4	ug/L	
W-568	4/30/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-568	4/30/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-568	4/30/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-568	4/30/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-568	9/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-568	9/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-568	9/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-568	9/16/25	RTN	1,1-Dichloroethene		1	ug/L	L
W-568	9/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-568	9/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-568	9/16/25	RTN	Bromoform	<	0.5	ug/L	
W-568	9/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-568	9/16/25	RTN	Chloroform		17	ug/L	
W-568	9/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-568	9/16/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-568	9/16/25	RTN	Trichloroethene		9.6	ug/L	
W-568	9/16/25	RTN	Trichlorofluoromethane		3.7	ug/L	
W-568	9/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-568	9/16/25	RTN	Vinyl chloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-568	9/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-568	9/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-568	9/16/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-568	9/16/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-568	9/16/25	DUP	1,1-Dichloroethane		< 0.5	ug/L	
W-568	9/16/25	DUP	1,1-Dichloroethene		2.7	ug/L	
W-568	9/16/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-568	9/16/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-568	9/16/25	DUP	Bromoform		< 0.5	ug/L	
W-568	9/16/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-568	9/16/25	DUP	Chloroform		48	ug/L	
W-568	9/16/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-568	9/16/25	DUP	Tetrachloroethene		< 0.5	ug/L	
W-568	9/16/25	DUP	Trichloroethene		26	ug/L	
W-568	9/16/25	DUP	Trichlorofluoromethane		4.3	ug/L	
W-568	9/16/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-568	9/16/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-568	9/16/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-568	9/16/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-568	10/23/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-568	10/23/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-568	10/23/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-568	10/23/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-568	10/23/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-568	10/23/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-568	10/23/25	RTN	Bromoform		< 0.5	ug/L	O
W-568	10/23/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-568	10/23/25	RTN	Chloroform		76	ug/L	
W-568	10/23/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-568	10/23/25	RTN	Tetrachloroethene		< 0.5	ug/L	O
W-568	10/23/25	RTN	Trichloroethene		43	ug/L	
W-568	10/23/25	RTN	Trichlorofluoromethane		3.7	ug/L	
W-568	10/23/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-568	10/23/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-568	10/23/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-568	10/23/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-569	4/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-569	4/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-569	4/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-569	4/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-569	4/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-569	4/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-569	4/30/25	RTN	Bromoform		< 0.5	ug/L	
W-569	4/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-569	4/30/25	RTN	Chloroform		1.1	ug/L	
W-569	4/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-569	4/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-569	4/30/25	RTN	Trichloroethene		0.72	ug/L	
W-569	4/30/25	RTN	Trichlorofluoromethane		3.5	ug/L	
W-569	4/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-569	4/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-569	4/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-569	4/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-570	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-570	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-570	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-570	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-570	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-570	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-570	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-570	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-570	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-570	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-570	4/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-570	4/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-570	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-570	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-570	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-570	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-570	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-571	3/18/25	RTN	Tritium		< 100	pCi/L	
W-571	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-571	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-571	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-571	4/2/25	RTN	1,1-Dichloroethene		0.83	ug/L	
W-571	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-571	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-571	4/2/25	RTN	Bromoform		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-571	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-571	4/2/25	RTN	Chloroform		< 0.5	ug/L	
W-571	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-571	4/2/25	RTN	Tetrachloroethene		1.8	ug/L	
W-571	4/2/25	RTN	Trichloroethene		0.85	ug/L	
W-571	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-571	4/2/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-571	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-571	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-571	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-592	2/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-592	2/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-592	2/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-592	2/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-592	2/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-592	2/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-592	2/27/25	RTN	Bromoform		< 0.5	ug/L	
W-592	2/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-592	2/27/25	RTN	Chloroform		< 0.5	ug/L	
W-592	2/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-592	2/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-592	2/27/25	RTN	Trichloroethene		< 0.5	ug/L	
W-592	2/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-592	2/27/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-592	2/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-592	2/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-592	2/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-593	4/7/25	RTN	Tritium		< 100	pCi/L	
W-594	4/1/25	RTN	Tritium		< 100	pCi/L	
W-604	7/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-604	7/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-604	7/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-604	7/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-604	7/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-604	7/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-604	7/15/25	RTN	Bromoform		< 0.5	ug/L	
W-604	7/15/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-604	7/15/25	RTN	Chloroform		< 0.5	ug/L	
W-604	7/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-604	7/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-604	7/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-604	7/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-604	7/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-604	7/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-604	7/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-604	7/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-604	11/19/25	RTN	Chromium		0.0046	mg/L	
W-604	11/19/25	RTN	Hexavalent Chromium		0.0055	mg/L	
W-605	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-605	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-605	1/16/25	RTN	1,1-Dichloroethane		0.63	ug/L	
W-605	1/16/25	RTN	1,1-Dichloroethene		0.91	ug/L	
W-605	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-605	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-605	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-605	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-605	1/16/25	RTN	Chloroform		1.4	ug/L	
W-605	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-605	1/16/25	RTN	Tetrachloroethene		12	ug/L	
W-605	1/16/25	RTN	Trichloroethene		0.74	ug/L	
W-605	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-605	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-605	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-605	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-605	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-605	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-605	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-605	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-605	4/9/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-605	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-605	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-605	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-605	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-605	4/9/25	RTN	Chloroform		1.3	ug/L	
W-605	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-605	4/9/25	RTN	Tetrachloroethene		10	ug/L	
W-605	4/9/25	RTN	Trichloroethene		0.66	ug/L	
W-605	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-605	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-605	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-605	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-605	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-605	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-605	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-605	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-605	7/10/25	RTN	1,1-Dichloroethene		0.6	ug/L	
W-605	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-605	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-605	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-605	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-605	7/10/25	RTN	Chloroform		0.99	ug/L	
W-605	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-605	7/10/25	RTN	Tetrachloroethene		9.5	ug/L	
W-605	7/10/25	RTN	Trichloroethene		0.56	ug/L	
W-605	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-605	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-605	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-605	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-605	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-605	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-605	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-605	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-605	10/9/25	RTN	1,1-Dichloroethene		0.82	ug/L	
W-605	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-605	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-605	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-605	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-605	10/9/25	RTN	Chloroform		1.2	ug/L	
W-605	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-605	10/9/25	RTN	Tetrachloroethene		10	ug/L	
W-605	10/9/25	RTN	Trichloroethene		0.64	ug/L	
W-605	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-605	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-605	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-605	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-605	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-606	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-606	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-606	7/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-606	7/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-606	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-606	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-606	7/30/25	RTN	Bromoform		< 0.5	ug/L	
W-606	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-606	7/30/25	RTN	Chloroform		< 0.5	ug/L	
W-606	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-606	7/30/25	RTN	Tetrachloroethene		0.9	ug/L	
W-606	7/30/25	RTN	Trichloroethene		< 0.5	ug/L	
W-606	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-606	7/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-606	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-606	7/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-606	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-608	4/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-608	4/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-608	4/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-608	4/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-608	4/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-608	4/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-608	4/14/25	RTN	Bromoform		< 0.5	ug/L	
W-608	4/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-608	4/14/25	RTN	Chloroform		< 0.5	ug/L	
W-608	4/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-608	4/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-608	4/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-608	4/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-608	4/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-608	4/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-608	4/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-608	4/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-608	10/23/25	RTN	Chromium		0.0057	mg/L	
W-608	10/23/25	RTN	Hexavalent Chromium		0.0042	mg/L	
W-610	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-610	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-610	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-610	1/14/25	RTN	1,1-Dichloroethene		0.7	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-610	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-610	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-610	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-610	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-610	1/14/25	RTN	Chloroform		< 0.5	ug/L	
W-610	1/14/25	RTN	Chromium		0.0095	mg/L	
W-610	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-610	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-610	1/14/25	RTN	Trichloroethene		1	ug/L	
W-610	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-610	1/14/25	RTN	Trichlorotrifluoroethane		1.4	ug/L	
W-610	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-610	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-610	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-610	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-610	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-610	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-610	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-610	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-610	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-610	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-610	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-610	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-610	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-610	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-610	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-610	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-610	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-610	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-610	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-610	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-610	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-610	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-610	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-610	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-610	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-610	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-610	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-610	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-610	7/10/25	RTN	Chloroform	<	0.5	ug/L	
W-610	7/10/25	RTN	Chromium		0.0083	mg/L	
W-610	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-610	7/10/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-610	7/10/25	RTN	Trichloroethene	<	0.5	ug/L	
W-610	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-610	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-610	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-610	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-610	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-610	10/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-610	10/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-610	10/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-610	10/14/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-610	10/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-610	10/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-610	10/14/25	RTN	Bromoform	<	0.5	ug/L	
W-610	10/14/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-610	10/14/25	RTN	Chloroform	<	0.5	ug/L	
W-610	10/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-610	10/14/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-610	10/14/25	RTN	Trichloroethene		0.53	ug/L	
W-610	10/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-610	10/14/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-610	10/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-610	10/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-610	10/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-611	11/20/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-611	11/20/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-611	11/20/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-611	11/20/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-611	11/20/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-611	11/20/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-611	11/20/25	RTN	Bromoform	<	0.5	ug/L	
W-611	11/20/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-611	11/20/25	RTN	Chloroform		0.51	ug/L	
W-611	11/20/25	RTN	Chromium		0.0098	mg/L	
W-611	11/20/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-611	11/20/25	RTN	Hexavalent Chromium		0.01	mg/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-611	11/20/25	RTN	Tetrachloroethene		0.97	ug/L	
W-611	11/20/25	RTN	Trichloroethene		1.6	ug/L	
W-611	11/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-611	11/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-611	11/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-611	11/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-611	11/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-612	10/20/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-612	10/20/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-612	10/20/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-612	10/20/25	RTN	1,1-Dichloroethene		1.4	ug/L	
W-612	10/20/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-612	10/20/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-612	10/20/25	RTN	Bromoform		< 0.5	ug/L	
W-612	10/20/25	RTN	Carbon tetrachloride		0.68	ug/L	
W-612	10/20/25	RTN	Chloroform		4.1	ug/L	
W-612	10/20/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-612	10/20/25	RTN	Tetrachloroethene		1.7	ug/L	
W-612	10/20/25	RTN	Trichloroethene		0.87	ug/L	
W-612	10/20/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-612	10/20/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-612	10/20/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-612	10/20/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-612	10/20/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-613	7/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-613	7/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-613	7/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-613	7/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-613	7/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-613	7/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-613	7/17/25	RTN	Bromoform		< 0.5	ug/L	
W-613	7/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-613	7/17/25	RTN	Chloroform		1	ug/L	
W-613	7/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-613	7/17/25	RTN	Tetrachloroethene		0.79	ug/L	
W-613	7/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-613	7/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-613	7/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-613	7/17/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-613	7/17/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-613	7/17/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-614	1/16/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-614	1/16/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-614	1/16/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-614	1/16/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-614	1/16/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-614	1/16/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-614	1/16/25	RTN	Bromoform	<	0.5	ug/L	
W-614	1/16/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-614	1/16/25	RTN	Chloroform		0.98	ug/L	
W-614	1/16/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-614	1/16/25	RTN	Tetrachloroethene		3.5	ug/L	
W-614	1/16/25	RTN	Trichloroethene	<	0.5	ug/L	
W-614	1/16/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-614	1/16/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-614	1/16/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-614	1/16/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-614	1/16/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-614	4/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-614	4/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-614	4/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-614	4/9/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-614	4/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-614	4/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-614	4/9/25	RTN	Bromoform	<	0.5	ug/L	
W-614	4/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-614	4/9/25	RTN	Chloroform		0.95	ug/L	
W-614	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-614	4/9/25	RTN	Tetrachloroethene		2.8	ug/L	
W-614	4/9/25	RTN	Trichloroethene	<	0.5	ug/L	
W-614	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-614	4/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-614	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-614	4/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-614	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-614	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-614	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-614	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-614	7/10/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-614	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-614	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-614	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-614	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-614	7/10/25	RTN	Chloroform		0.89	ug/L	
W-614	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-614	7/10/25	RTN	Tetrachloroethene		2.9	ug/L	
W-614	7/10/25	RTN	Trichloroethene	<	0.5	ug/L	
W-614	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-614	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-614	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-614	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-614	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-614	10/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-614	10/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-614	10/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-614	10/9/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-614	10/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-614	10/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-614	10/9/25	RTN	Bromoform	<	0.5	ug/L	
W-614	10/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-614	10/9/25	RTN	Chloroform		0.99	ug/L	
W-614	10/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-614	10/9/25	RTN	Tetrachloroethene		3	ug/L	
W-614	10/9/25	RTN	Trichloroethene	<	0.5	ug/L	
W-614	10/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-614	10/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-614	10/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-614	10/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-614	10/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-615	1/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-615	1/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-615	1/28/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-615	1/28/25	RTN	1,1-Dichloroethene		2.9	ug/L	
W-615	1/28/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-615	1/28/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-615	1/28/25	RTN	Bromoform	<	0.5	ug/L	
W-615	1/28/25	RTN	Carbon tetrachloride	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-615	1/28/25	RTN	Chloroform		3.6	ug/L	
W-615	1/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-615	1/28/25	RTN	Tetrachloroethene		1.8	ug/L	
W-615	1/28/25	RTN	Trichloroethene		8.8	ug/L	
W-615	1/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-615	1/28/25	RTN	Trichlorotrifluoroethane		0.93	ug/L	
W-615	1/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-615	1/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-615	1/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-616	10/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-616	10/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-616	10/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	J
W-616	10/15/25	RTN	1,1-Dichloroethene		1.6	ug/L	J
W-616	10/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-616	10/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-616	10/15/25	RTN	Bromoform		< 0.5	ug/L	
W-616	10/15/25	RTN	Carbon tetrachloride		1.9	ug/L	
W-616	10/15/25	RTN	Chloroform		3.6	ug/L	
W-616	10/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-616	10/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-616	10/15/25	RTN	Trichloroethene		1.2	ug/L	
W-616	10/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-616	10/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	J
W-616	10/15/25	RTN	Vinyl chloride		< 0.5	ug/L	JL
W-616	10/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-616	10/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	J
W-617	7/31/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-617	7/31/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-617	7/31/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-617	7/31/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-617	7/31/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-617	7/31/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-617	7/31/25	RTN	Bromoform		< 0.5	ug/L	
W-617	7/31/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-617	7/31/25	RTN	Chloroform		< 0.5	ug/L	
W-617	7/31/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-617	7/31/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-617	7/31/25	RTN	Trichloroethene		0.52	ug/L	
W-617	7/31/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-617	7/31/25	RTN	Trichlorotrifluoroethane		3.6	ug/L	
W-617	7/31/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-617	7/31/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-617	7/31/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-618	3/26/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-618	3/26/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-618	3/26/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-618	3/26/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-618	3/26/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-618	3/26/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-618	3/26/25	RTN	Bromoform		< 0.5	ug/L	
W-618	3/26/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-618	3/26/25	RTN	Chloroform		< 0.5	ug/L	
W-618	3/26/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-618	3/26/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-618	3/26/25	RTN	Trichloroethene		< 0.5	ug/L	
W-618	3/26/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-618	3/26/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-618	3/26/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-618	3/26/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-618	3/26/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-618	6/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-618	6/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-618	6/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-618	6/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-618	6/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-618	6/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-618	6/9/25	RTN	Bromoform		< 0.5	ug/L	
W-618	6/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-618	6/9/25	RTN	Chloroform		< 0.5	ug/L	
W-618	6/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-618	6/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-618	6/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-618	6/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-618	6/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-618	6/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-618	6/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-618	6/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-618	7/29/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-618	7/29/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-618	7/29/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-618	7/29/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-618	7/29/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-618	7/29/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-618	7/29/25	RTN	Bromoform		< 0.5	ug/L	
W-618	7/29/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-618	7/29/25	RTN	Chloroform		< 0.5	ug/L	
W-618	7/29/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-618	7/29/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-618	7/29/25	RTN	Trichloroethene		< 0.5	ug/L	
W-618	7/29/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-618	7/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-618	7/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-618	7/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-618	7/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-618	11/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-618	11/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-618	11/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-618	11/6/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-618	11/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-618	11/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-618	11/6/25	RTN	Bromoform		< 0.5	ug/L	
W-618	11/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-618	11/6/25	RTN	Chloroform		< 0.5	ug/L	
W-618	11/6/25	RTN	Chromium		0.017	mg/L	
W-618	11/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-618	11/6/25	RTN	Hexavalent Chromium		0.017	mg/L	
W-618	11/6/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-618	11/6/25	RTN	Trichloroethene		< 0.5	ug/L	
W-618	11/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-618	11/6/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-618	11/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-618	11/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-618	11/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-619	7/30/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-619	7/30/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-619	7/30/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-619	7/30/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-619	7/30/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-619	7/30/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-619	7/30/25	RTN	Bromoform		< 0.5	ug/L	
W-619	7/30/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-619	7/30/25	RTN	Chloroform		< 0.5	ug/L	
W-619	7/30/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-619	7/30/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-619	7/30/25	RTN	Trichloroethene		< 0.5	ug/L	
W-619	7/30/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-619	7/30/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-619	7/30/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-619	7/30/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-619	7/30/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-620	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-620	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-620	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-620	1/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-620	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-620	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-620	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-620	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-620	1/14/25	RTN	Chloroform		0.86	ug/L	
W-620	1/14/25	RTN	Chromium		0.0083	mg/L	
W-620	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-620	1/14/25	RTN	Tetrachloroethene		0.96	ug/L	
W-620	1/14/25	RTN	Trichloroethene		2.7	ug/L	
W-620	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-620	1/14/25	RTN	Trichlorotrifluoroethane		0.9	ug/L	
W-620	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-620	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-620	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-620	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-620	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-620	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-620	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-620	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-620	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-620	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-620	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-620	4/9/25	RTN	Chloroform		0.59	ug/L	
W-620	4/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-620	4/9/25	RTN	Tetrachloroethene		0.62	ug/L	
W-620	4/9/25	RTN	Trichloroethene		1.9	ug/L	
W-620	4/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-620	4/9/25	RTN	Trichlorotrifluoroethane		0.77	ug/L	
W-620	4/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-620	4/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-620	4/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-620	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-620	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-620	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-620	7/10/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-620	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-620	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-620	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-620	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-620	7/10/25	RTN	Chloroform		0.5	ug/L	
W-620	7/10/25	RTN	Chromium		0.01	mg/L	
W-620	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-620	7/10/25	RTN	Tetrachloroethene		0.56	ug/L	
W-620	7/10/25	RTN	Trichloroethene		1.6	ug/L	
W-620	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-620	7/10/25	RTN	Trichlorotrifluoroethane		0.7	ug/L	
W-620	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-620	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-620	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-620	10/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-620	10/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-620	10/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-620	10/14/25	RTN	1,1-Dichloroethene		0.56	ug/L	
W-620	10/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-620	10/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-620	10/14/25	RTN	Bromoform	<	0.5	ug/L	
W-620	10/14/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-620	10/14/25	RTN	Chloroform		0.64	ug/L	
W-620	10/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-620	10/14/25	RTN	Tetrachloroethene		0.84	ug/L	
W-620	10/14/25	RTN	Trichloroethene		2	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-620	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-620	10/14/25	RTN	Trichlorotrifluoroethane		1	ug/L	
W-620	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-620	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-620	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-621	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-621	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-621	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-621	1/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-621	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-621	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-621	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-621	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-621	1/14/25	RTN	Chloroform		< 0.5	ug/L	
W-621	1/14/25	RTN	Chromium		0.013	mg/L	
W-621	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-621	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-621	1/14/25	RTN	Trichloroethene		2.2	ug/L	
W-621	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-621	1/14/25	RTN	Trichlorotrifluoroethane		2.9	ug/L	
W-621	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-621	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-621	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-621	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-621	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-621	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-621	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-621	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-621	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-621	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-621	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-621	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-621	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-621	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-621	4/9/25	RTN	Trichloroethene		1.9	ug/L	
W-621	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-621	4/9/25	RTN	Trichlorotrifluoroethane		1.9	ug/L	
W-621	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-621	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-621	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-621	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-621	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-621	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-621	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-621	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-621	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-621	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-621	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-621	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-621	7/10/25	RTN	Chromium		0.013	mg/L	
W-621	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-621	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-621	7/10/25	RTN	Trichloroethene		1.6	ug/L	
W-621	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-621	7/10/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	
W-621	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-621	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-621	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-621	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-621	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-621	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-621	10/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-621	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-621	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-621	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-621	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-621	10/14/25	RTN	Chloroform		< 0.5	ug/L	
W-621	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-621	10/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-621	10/14/25	RTN	Trichloroethene		2	ug/L	
W-621	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-621	10/14/25	RTN	Trichlorotrifluoroethane		2.2	ug/L	
W-621	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-621	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-621	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-651	3/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-651	3/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-651	3/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-651	3/19/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-651	3/19/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-651	3/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-651	3/19/25	RTN	Bromoform	<	0.5	ug/L	
W-651	3/19/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-651	3/19/25	RTN	Chloroform	<	0.5	ug/L	
W-651	3/19/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-651	3/19/25	RTN	Tetrachloroethene		0.71	ug/L	
W-651	3/19/25	RTN	Trichloroethene	<	0.5	ug/L	
W-651	3/19/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-651	3/19/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-651	3/19/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-651	3/19/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-651	3/19/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-651	4/14/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-651	4/14/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-651	4/14/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-651	4/14/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-651	4/14/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-651	4/14/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-651	4/14/25	RTN	Bromoform	<	0.5	ug/L	
W-651	4/14/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-651	4/14/25	RTN	Chloroform	<	0.5	ug/L	
W-651	4/14/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-651	4/14/25	RTN	Tetrachloroethene		0.66	ug/L	
W-651	4/14/25	RTN	Trichloroethene	<	0.5	ug/L	
W-651	4/14/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-651	4/14/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-651	4/14/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-651	4/14/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-651	4/14/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-651	7/10/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	H
W-651	7/10/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	Bromodichloromethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	Bromoform	<	0.5	ug/L	H
W-651	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	H

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-651	7/10/25	RTN	Chloroform	<	0.5	ug/L	H
W-651	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	Tetrachloroethene		0.69	ug/L	H
W-651	7/10/25	RTN	Trichloroethene	<	0.5	ug/L	H
W-651	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	H
W-651	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	H
W-651	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	H
W-651	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	H
W-651	11/4/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-651	11/4/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-651	11/4/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-651	11/4/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-651	11/4/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-651	11/4/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-651	11/4/25	RTN	Bromoform	<	0.5	ug/L	
W-651	11/4/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-651	11/4/25	RTN	Chloroform	<	0.5	ug/L	
W-651	11/4/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-651	11/4/25	RTN	Tetrachloroethene		0.91	ug/L	
W-651	11/4/25	RTN	Trichloroethene	<	0.5	ug/L	
W-651	11/4/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-651	11/4/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-651	11/4/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-651	11/4/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-651	11/4/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-652	9/29/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-652	9/29/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-652	9/29/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-652	9/29/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-652	9/29/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-652	9/29/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-652	9/29/25	RTN	Bromoform	<	0.5	ug/L	
W-652	9/29/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-652	9/29/25	RTN	Chloroform	<	0.5	ug/L	
W-652	9/29/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-652	9/29/25	RTN	Tetrachloroethene	<	0.5	ug/L	
W-652	9/29/25	RTN	Trichloroethene	<	0.5	ug/L	
W-652	9/29/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-652	9/29/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-652	9/29/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-652	9/29/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-652	9/29/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-653	1/15/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-653	1/15/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-653	1/15/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-653	1/15/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-653	1/15/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-653	1/15/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-653	1/15/25	RTN	Bromoform		< 0.5	ug/L	
W-653	1/15/25	RTN	Carbon tetrachloride		3.6	ug/L	
W-653	1/15/25	RTN	Chloroform		1.5	ug/L	
W-653	1/15/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-653	1/15/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-653	1/15/25	RTN	Trichloroethene		110	ug/L	D
W-653	1/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-653	1/15/25	RTN	Trichlorotrifluoroethane		0.52	ug/L	
W-653	1/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-653	1/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-653	1/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-653	3/18/25	RTN	Tritium		< 100	pCi/L	
W-653	4/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-653	4/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-653	4/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-653	4/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-653	4/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-653	4/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-653	4/7/25	RTN	Bromoform		< 0.5	ug/L	
W-653	4/7/25	RTN	Carbon tetrachloride		3.2	ug/L	
W-653	4/7/25	RTN	Chloroform		1.3	ug/L	
W-653	4/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-653	4/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-653	4/7/25	RTN	Trichloroethene		100	ug/L	
W-653	4/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-653	4/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-653	4/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-653	4/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-653	4/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-653	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-653	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-653	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-653	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-653	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-653	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-653	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-653	7/10/25	RTN	Carbon tetrachloride		3	ug/L	
W-653	7/10/25	RTN	Chloroform		1.2	ug/L	
W-653	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-653	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-653	7/10/25	RTN	Trichloroethene		92	ug/L	
W-653	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-653	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-653	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-653	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-653	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-653	10/7/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-653	10/7/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-653	10/7/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-653	10/7/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-653	10/7/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-653	10/7/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-653	10/7/25	RTN	Bromoform		< 0.5	ug/L	
W-653	10/7/25	RTN	Carbon tetrachloride		3.1	ug/L	
W-653	10/7/25	RTN	Chloroform		1.3	ug/L	
W-653	10/7/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-653	10/7/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-653	10/7/25	RTN	Trichloroethene		94	ug/L	
W-653	10/7/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-653	10/7/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-653	10/7/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-653	10/7/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-653	10/7/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-654	3/4/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-654	3/4/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-654	3/4/25	RTN	1,1-Dichloroethane		1	ug/L	
W-654	3/4/25	RTN	1,1-Dichloroethene		2.5	ug/L	
W-654	3/4/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-654	3/4/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-654	3/4/25	RTN	Bromoform	<	0.5	ug/L	
W-654	3/4/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-654	3/4/25	RTN	Chloroform		1.4	ug/L	
W-654	3/4/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-654	3/4/25	RTN	Tetrachloroethene		3.6	ug/L	
W-654	3/4/25	RTN	Trichloroethene	<	0.5	ug/L	
W-654	3/4/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-654	3/4/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-654	3/4/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-654	3/4/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-654	3/4/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-654	3/4/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-654	3/4/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-654	3/4/25	DUP	1,1-Dichloroethane		1.1	ug/L	
W-654	3/4/25	DUP	1,1-Dichloroethene		2.5	ug/L	
W-654	3/4/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-654	3/4/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-654	3/4/25	DUP	Bromoform	<	0.5	ug/L	
W-654	3/4/25	DUP	Carbon tetrachloride	<	0.5	ug/L	
W-654	3/4/25	DUP	Chloroform		1.4	ug/L	
W-654	3/4/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-654	3/4/25	DUP	Tetrachloroethene		3.6	ug/L	
W-654	3/4/25	DUP	Trichloroethene	<	0.5	ug/L	
W-654	3/4/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-654	3/4/25	DUP	Trichlorotrifluoroethane	<	0.5	ug/L	
W-654	3/4/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-654	3/4/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-654	3/4/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-654	8/19/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-654	8/19/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-654	8/19/25	RTN	1,1-Dichloroethane		0.8	ug/L	
W-654	8/19/25	RTN	1,1-Dichloroethene		1.7	ug/L	
W-654	8/19/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-654	8/19/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-654	8/19/25	RTN	Bromoform	<	0.5	ug/L	
W-654	8/19/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-654	8/19/25	RTN	Chloroform		1.1	ug/L	
W-654	8/19/25	RTN	Dibromochloromethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-654	8/19/25	RTN	Tetrachloroethene		3.2	ug/L	LJ
W-654	8/19/25	RTN	Trichloroethene		0.51	ug/L	
W-654	8/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-654	8/19/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-654	8/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-654	8/19/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-654	8/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-654	8/19/25	DUP	1,1,1-Trichloroethane		< 0.5	ug/L	
W-654	8/19/25	DUP	1,1,2-Trichloroethane		< 0.5	ug/L	
W-654	8/19/25	DUP	1,1-Dichloroethane		0.76	ug/L	
W-654	8/19/25	DUP	1,1-Dichloroethene		1.6	ug/L	
W-654	8/19/25	DUP	1,2-Dichloroethane		< 0.5	ug/L	
W-654	8/19/25	DUP	Bromodichloromethane		< 0.5	ug/L	
W-654	8/19/25	DUP	Bromoform		< 0.5	ug/L	
W-654	8/19/25	DUP	Carbon tetrachloride		< 0.5	ug/L	
W-654	8/19/25	DUP	Chloroform		1	ug/L	
W-654	8/19/25	DUP	Dibromochloromethane		< 0.5	ug/L	
W-654	8/19/25	DUP	Tetrachloroethene		2.8	ug/L	LJ
W-654	8/19/25	DUP	Trichloroethene		< 0.5	ug/L	
W-654	8/19/25	DUP	Trichlorofluoromethane		< 0.5	ug/L	
W-654	8/19/25	DUP	Trichlorotrifluoroethane		< 0.5	ug/L	
W-654	8/19/25	DUP	Vinyl chloride		< 0.5	ug/L	
W-654	8/19/25	DUP	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-654	8/19/25	DUP	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-654	10/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-654	10/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-654	10/16/25	RTN	1,1-Dichloroethane		0.76	ug/L	
W-654	10/16/25	RTN	1,1-Dichloroethene		2.2	ug/L	
W-654	10/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-654	10/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-654	10/16/25	RTN	Bromoform		< 0.5	ug/L	
W-654	10/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-654	10/16/25	RTN	Chloroform		1.1	ug/L	
W-654	10/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-654	10/16/25	RTN	Tetrachloroethene		6.6	ug/L	
W-654	10/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-654	10/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-654	10/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-654	10/16/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-654	10/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-654	10/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-655	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-655	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-655	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-655	1/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-655	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-655	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-655	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-655	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-655	1/14/25	RTN	Chloroform		< 0.5	ug/L	
W-655	1/14/25	RTN	Chromium		0.014	mg/L	
W-655	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-655	1/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-655	1/14/25	RTN	Trichloroethene		0.65	ug/L	
W-655	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-655	1/14/25	RTN	Trichlorotrifluoroethane		6.5	ug/L	
W-655	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-655	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-655	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-655	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-655	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-655	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-655	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-655	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-655	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-655	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-655	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-655	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-655	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-655	4/9/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-655	4/9/25	RTN	Trichloroethene		0.53	ug/L	
W-655	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-655	4/9/25	RTN	Trichlorotrifluoroethane		5.8	ug/L	
W-655	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-655	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-655	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-655	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-655	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-655	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-655	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-655	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-655	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-655	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-655	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-655	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-655	7/10/25	RTN	Chromium		0.017	mg/L	
W-655	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-655	7/10/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-655	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-655	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-655	7/10/25	RTN	Trichlorotrifluoroethane		5.7	ug/L	
W-655	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-655	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-655	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-655	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-655	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-655	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-655	10/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-655	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-655	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-655	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-655	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-655	10/14/25	RTN	Chloroform		< 0.5	ug/L	
W-655	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-655	10/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-655	10/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-655	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-655	10/14/25	RTN	Trichlorotrifluoroethane		5.3	ug/L	
W-655	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-655	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-655	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-701	1/6/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-701	1/6/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-701	1/6/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-701	1/6/25	RTN	1,1-Dichloroethene		0.56	ug/L	
W-701	1/6/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-701	1/6/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-701	1/6/25	RTN	Bromoform		< 0.5	ug/L	
W-701	1/6/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-701	1/6/25	RTN	Chloroform		1.4	ug/L	
W-701	1/6/25	RTN	Chromium		0.015	mg/L	
W-701	1/6/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-701	1/6/25	RTN	Tetrachloroethene		1.8	ug/L	
W-701	1/6/25	RTN	Trichloroethene		12	ug/L	
W-701	1/6/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-701	1/6/25	RTN	Trichlorotrifluoroethane		8	ug/L	
W-701	1/6/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-701	1/6/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-701	1/6/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-701	4/2/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-701	4/2/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-701	4/2/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-701	4/2/25	RTN	1,1-Dichloroethene		0.67	ug/L	
W-701	4/2/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-701	4/2/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-701	4/2/25	RTN	Bromoform		< 0.5	ug/L	
W-701	4/2/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-701	4/2/25	RTN	Chloroform		1.4	ug/L	
W-701	4/2/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-701	4/2/25	RTN	Tetrachloroethene		1.6	ug/L	
W-701	4/2/25	RTN	Trichloroethene		11	ug/L	
W-701	4/2/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-701	4/2/25	RTN	Trichlorotrifluoroethane		6.9	ug/L	
W-701	4/2/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-701	4/2/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-701	4/2/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-701	7/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-701	7/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-701	7/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-701	7/9/25	RTN	1,1-Dichloroethene		0.57	ug/L	
W-701	7/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-701	7/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-701	7/9/25	RTN	Bromoform		< 0.5	ug/L	
W-701	7/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-701	7/9/25	RTN	Chloroform		1.3	ug/L	
W-701	7/9/25	RTN	Chromium		0.013	mg/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-701	7/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-701	7/9/25	RTN	Tetrachloroethene		1.8	ug/L	
W-701	7/9/25	RTN	Trichloroethene		10	ug/L	
W-701	7/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-701	7/9/25	RTN	Trichlorotrifluoroethane		7.5	ug/L	
W-701	7/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-701	7/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-701	7/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-701	10/8/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-701	10/8/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-701	10/8/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-701	10/8/25	RTN	1,1-Dichloroethene		0.78	ug/L	
W-701	10/8/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-701	10/8/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-701	10/8/25	RTN	Bromoform	<	0.5	ug/L	
W-701	10/8/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-701	10/8/25	RTN	Chloroform		1.5	ug/L	
W-701	10/8/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-701	10/8/25	RTN	Tetrachloroethene		1.8	ug/L	
W-701	10/8/25	RTN	Trichloroethene		12	ug/L	
W-701	10/8/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-701	10/8/25	RTN	Trichlorotrifluoroethane		7.4	ug/L	
W-701	10/8/25	RTN	Vinyl chloride	<	0.5	ug/L	L
W-701	10/8/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-701	10/8/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-702	9/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-702	9/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-702	9/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-702	9/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	
W-702	9/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-702	9/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-702	9/15/25	RTN	Bromoform	<	0.5	ug/L	
W-702	9/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-702	9/15/25	RTN	Chloroform	<	0.5	ug/L	
W-702	9/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-702	9/15/25	RTN	Tetrachloroethene		2.8	ug/L	
W-702	9/15/25	RTN	Trichloroethene		2.7	ug/L	
W-702	9/15/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-702	9/15/25	RTN	Trichlorotrifluoroethane		1.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-702	9/15/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-702	9/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-702	9/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-704	1/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-704	1/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-704	1/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-704	1/14/25	RTN	1,1-Dichloroethene		1.2	ug/L	
W-704	1/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-704	1/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-704	1/14/25	RTN	Bromoform		< 0.5	ug/L	
W-704	1/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-704	1/14/25	RTN	Chloroform		3.4	ug/L	
W-704	1/14/25	RTN	Chromium		0.012	mg/L	
W-704	1/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-704	1/14/25	RTN	Tetrachloroethene		2	ug/L	
W-704	1/14/25	RTN	Trichloroethene		15	ug/L	
W-704	1/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-704	1/14/25	RTN	Trichlorotrifluoroethane		3.5	ug/L	
W-704	1/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-704	1/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-704	1/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-704	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-704	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-704	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-704	4/9/25	RTN	1,1-Dichloroethene		1.1	ug/L	
W-704	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-704	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-704	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-704	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-704	4/9/25	RTN	Chloroform		3	ug/L	
W-704	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-704	4/9/25	RTN	Tetrachloroethene		1.7	ug/L	
W-704	4/9/25	RTN	Trichloroethene		14	ug/L	
W-704	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-704	4/9/25	RTN	Trichlorotrifluoroethane		3.1	ug/L	
W-704	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-704	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-704	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-704	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-704	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-704	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-704	7/10/25	RTN	1,1-Dichloroethene		1	ug/L	
W-704	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-704	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-704	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-704	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-704	7/10/25	RTN	Chloroform		3	ug/L	
W-704	7/10/25	RTN	Chromium		0.015	mg/L	
W-704	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-704	7/10/25	RTN	Tetrachloroethene		1.7	ug/L	
W-704	7/10/25	RTN	Trichloroethene		13	ug/L	
W-704	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-704	7/10/25	RTN	Trichlorotrifluoroethane		2.8	ug/L	
W-704	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-704	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-704	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-704	10/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-704	10/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-704	10/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-704	10/14/25	RTN	1,1-Dichloroethene		0.84	ug/L	
W-704	10/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-704	10/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-704	10/14/25	RTN	Bromoform		< 0.5	ug/L	
W-704	10/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-704	10/14/25	RTN	Chloroform		2.7	ug/L	
W-704	10/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-704	10/14/25	RTN	Tetrachloroethene		2	ug/L	
W-704	10/14/25	RTN	Trichloroethene		15	ug/L	
W-704	10/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-704	10/14/25	RTN	Trichlorotrifluoroethane		2.5	ug/L	
W-704	10/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-704	10/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-704	10/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-705	7/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-705	7/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-705	7/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-705	7/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-705	7/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-705	7/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-705	7/21/25	RTN	Bromoform		< 0.5	ug/L	
W-705	7/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-705	7/21/25	RTN	Chloroform		< 0.5	ug/L	
W-705	7/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-705	7/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-705	7/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-705	7/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-705	7/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-705	7/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-705	7/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-705	7/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-706	10/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-706	10/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-706	10/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-706	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-706	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-706	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-706	10/21/25	RTN	Bromoform		< 0.5	ug/L	
W-706	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-706	10/21/25	RTN	Chloroform		0.59	ug/L	
W-706	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-706	10/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-706	10/21/25	RTN	Trichloroethene		< 0.5	ug/L	
W-706	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-706	10/21/25	RTN	Trichlorotrifluoroethane		6	ug/L	
W-706	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-706	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-706	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-712	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-712	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-712	1/16/25	RTN	1,1-Dichloroethane		0.67	ug/L	
W-712	1/16/25	RTN	1,1-Dichloroethene		2.6	ug/L	
W-712	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-712	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-712	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-712	1/16/25	RTN	Carbon tetrachloride		4	ug/L	
W-712	1/16/25	RTN	Chloroform		4.5	ug/L	
W-712	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-712	1/16/25	RTN	Tetrachloroethene		1.8	ug/L	
W-712	1/16/25	RTN	Trichloroethene		4.4	ug/L	
W-712	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-712	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-712	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-712	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-712	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-712	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-712	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-712	4/9/25	RTN	1,1-Dichloroethane		0.66	ug/L	
W-712	4/9/25	RTN	1,1-Dichloroethene		2.8	ug/L	
W-712	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-712	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-712	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-712	4/9/25	RTN	Carbon tetrachloride		3.5	ug/L	
W-712	4/9/25	RTN	Chloroform		4	ug/L	
W-712	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-712	4/9/25	RTN	Tetrachloroethene		1.5	ug/L	
W-712	4/9/25	RTN	Trichloroethene		3.9	ug/L	
W-712	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-712	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-712	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-712	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-712	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-712	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-712	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-712	7/10/25	RTN	1,1-Dichloroethane		0.62	ug/L	
W-712	7/10/25	RTN	1,1-Dichloroethene		2.4	ug/L	
W-712	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-712	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-712	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-712	7/10/25	RTN	Carbon tetrachloride		3.3	ug/L	
W-712	7/10/25	RTN	Chloroform		3.7	ug/L	
W-712	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-712	7/10/25	RTN	Tetrachloroethene		1.6	ug/L	
W-712	7/10/25	RTN	Trichloroethene		3.6	ug/L	
W-712	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-712	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-712	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-712	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-712	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-712	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-712	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-712	10/9/25	RTN	1,1-Dichloroethane		0.69	ug/L	
W-712	10/9/25	RTN	1,1-Dichloroethene		3.1	ug/L	
W-712	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-712	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-712	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-712	10/9/25	RTN	Carbon tetrachloride		3.5	ug/L	
W-712	10/9/25	RTN	Chloroform		4.1	ug/L	
W-712	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-712	10/9/25	RTN	Tetrachloroethene		1.7	ug/L	
W-712	10/9/25	RTN	Trichloroethene		4	ug/L	
W-712	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-712	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-712	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-712	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-712	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-714	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-714	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-714	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-714	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-714	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-714	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-714	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-714	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-714	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-714	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-714	1/16/25	RTN	Tetrachloroethene		4.7	ug/L	
W-714	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-714	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-714	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-714	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-714	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-714	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-714	6/3/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-714	6/3/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-714	6/3/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-714	6/3/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-714	6/3/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-714	6/3/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-714	6/3/25	RTN	Bromoform		< 0.5	ug/L	
W-714	6/3/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-714	6/3/25	RTN	Chloroform		< 0.5	ug/L	
W-714	6/3/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-714	6/3/25	RTN	Tetrachloroethene		4.7	ug/L	
W-714	6/3/25	RTN	Trichloroethene		< 0.5	ug/L	
W-714	6/3/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-714	6/3/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-714	6/3/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-714	6/3/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-714	6/3/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-714	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-714	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-714	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-714	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-714	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-714	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-714	7/10/25	RTN	Bromoform		< 0.5	ug/L	
W-714	7/10/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-714	7/10/25	RTN	Chloroform		< 0.5	ug/L	
W-714	7/10/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-714	7/10/25	RTN	Tetrachloroethene		4.5	ug/L	
W-714	7/10/25	RTN	Trichloroethene		< 0.5	ug/L	
W-714	7/10/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-714	7/10/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-714	7/10/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-714	7/10/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-714	7/10/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-714	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-714	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-714	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-714	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-714	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-714	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-714	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-714	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-714	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-714	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-714	10/9/25	RTN	Tetrachloroethene		4.6	ug/L	
W-714	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-714	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-714	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-714	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-714	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-714	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-902	10/27/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-902	10/27/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-902	10/27/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-902	10/27/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-902	10/27/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-902	10/27/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-902	10/27/25	RTN	Bromoform		< 0.5	ug/L	
W-902	10/27/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-902	10/27/25	RTN	Chloroform		< 0.5	ug/L	
W-902	10/27/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-902	10/27/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-902	10/27/25	RTN	Trichloroethene		2	ug/L	
W-902	10/27/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-902	10/27/25	RTN	Trichlorotrifluoroethane		3.1	ug/L	
W-902	10/27/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-902	10/27/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-902	10/27/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-903	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-903	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-903	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-903	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-903	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-903	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-903	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-903	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-903	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-903	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-903	1/16/25	RTN	Tetrachloroethene		2.4	ug/L	
W-903	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-903	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-903	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-903	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-903	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-903	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-903	9/18/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-903	9/18/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-903	9/18/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-903	9/18/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-903	9/18/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-903	9/18/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-903	9/18/25	RTN	Bromoform		< 0.5	ug/L	
W-903	9/18/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-903	9/18/25	RTN	Chloroform		< 0.5	ug/L	
W-903	9/18/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-903	9/18/25	RTN	Tetrachloroethene		2.4	ug/L	
W-903	9/18/25	RTN	Trichloroethene		< 0.5	ug/L	
W-903	9/18/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-903	9/18/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-903	9/18/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-903	9/18/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-903	9/18/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-903	10/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-903	10/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-903	10/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-903	10/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-903	10/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-903	10/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-903	10/9/25	RTN	Bromoform		< 0.5	ug/L	
W-903	10/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-903	10/9/25	RTN	Chloroform		< 0.5	ug/L	
W-903	10/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-903	10/9/25	RTN	Tetrachloroethene		2.5	ug/L	
W-903	10/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-903	10/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-903	10/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-903	10/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-903	10/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-903	10/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-904	1/16/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-904	1/16/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-904	1/16/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-904	1/16/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-904	1/16/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-904	1/16/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-904	1/16/25	RTN	Bromoform		< 0.5	ug/L	
W-904	1/16/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-904	1/16/25	RTN	Chloroform		< 0.5	ug/L	
W-904	1/16/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-904	1/16/25	RTN	Tetrachloroethene		3.3	ug/L	
W-904	1/16/25	RTN	Trichloroethene		< 0.5	ug/L	
W-904	1/16/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-904	1/16/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-904	1/16/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-904	1/16/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-904	1/16/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-904	4/9/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-904	4/9/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-904	4/9/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-904	4/9/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-904	4/9/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-904	4/9/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-904	4/9/25	RTN	Bromoform		< 0.5	ug/L	
W-904	4/9/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-904	4/9/25	RTN	Chloroform		< 0.5	ug/L	
W-904	4/9/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-904	4/9/25	RTN	Tetrachloroethene		3.2	ug/L	
W-904	4/9/25	RTN	Trichloroethene		< 0.5	ug/L	
W-904	4/9/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-904	4/9/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-904	4/9/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-904	4/9/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-904	4/9/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-904	7/10/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-904	7/10/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-904	7/10/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-904	7/10/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-904	7/10/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-904	7/10/25	RTN	Bromodichloromethane		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-904	7/10/25	RTN	Bromoform	<	0.5	ug/L	
W-904	7/10/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-904	7/10/25	RTN	Chloroform	<	0.5	ug/L	
W-904	7/10/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-904	7/10/25	RTN	Tetrachloroethene		3.5	ug/L	
W-904	7/10/25	RTN	Trichloroethene	<	0.5	ug/L	
W-904	7/10/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-904	7/10/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-904	7/10/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-904	7/10/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-904	7/10/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-904	10/9/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-904	10/9/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-904	10/9/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	
W-904	10/9/25	RTN	1,1-Dichloroethene		0.72	ug/L	
W-904	10/9/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-904	10/9/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-904	10/9/25	RTN	Bromoform	<	0.5	ug/L	
W-904	10/9/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-904	10/9/25	RTN	Chloroform	<	0.5	ug/L	
W-904	10/9/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-904	10/9/25	RTN	Tetrachloroethene		3.7	ug/L	
W-904	10/9/25	RTN	Trichloroethene	<	0.5	ug/L	
W-904	10/9/25	RTN	Trichlorofluoromethane	<	0.5	ug/L	
W-904	10/9/25	RTN	Trichlorotrifluoroethane	<	0.5	ug/L	
W-904	10/9/25	RTN	Vinyl chloride	<	0.5	ug/L	
W-904	10/9/25	RTN	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-904	10/9/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-905	10/15/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-905	10/15/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	
W-905	10/15/25	RTN	1,1-Dichloroethane	<	0.5	ug/L	J
W-905	10/15/25	RTN	1,1-Dichloroethene	<	0.5	ug/L	J
W-905	10/15/25	RTN	1,2-Dichloroethane	<	0.5	ug/L	
W-905	10/15/25	RTN	Bromodichloromethane	<	0.5	ug/L	
W-905	10/15/25	RTN	Bromoform	<	0.5	ug/L	
W-905	10/15/25	RTN	Carbon tetrachloride	<	0.5	ug/L	
W-905	10/15/25	RTN	Chloroform	<	0.5	ug/L	
W-905	10/15/25	RTN	Dibromochloromethane	<	0.5	ug/L	
W-905	10/15/25	RTN	Tetrachloroethene	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-905	10/15/25	RTN	Trichloroethene		< 0.5	ug/L	
W-905	10/15/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-905	10/15/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	J
W-905	10/15/25	RTN	Vinyl chloride		< 0.5	ug/L	JL
W-905	10/15/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-905	10/15/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	J
W-908	5/12/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-908	5/12/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-908	5/12/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-908	5/12/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-908	5/12/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-908	5/12/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-908	5/12/25	RTN	Bromoform		< 0.5	ug/L	
W-908	5/12/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-908	5/12/25	RTN	Chloroform		< 0.5	ug/L	
W-908	5/12/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-908	5/12/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-908	5/12/25	RTN	Trichloroethene		< 0.5	ug/L	
W-908	5/12/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-908	5/12/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-908	5/12/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-908	5/12/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-908	5/12/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-909	2/25/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-909	2/25/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-909	2/25/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-909	2/25/25	RTN	1,1-Dichloroethene		17	ug/L	
W-909	2/25/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-909	2/25/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-909	2/25/25	RTN	Bromoform		< 0.5	ug/L	
W-909	2/25/25	RTN	Carbon tetrachloride		0.52	ug/L	
W-909	2/25/25	RTN	Chloroform		1.2	ug/L	
W-909	2/25/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-909	2/25/25	RTN	Tetrachloroethene		18	ug/L	
W-909	2/25/25	RTN	Trichloroethene		68	ug/L	
W-909	2/25/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-909	2/25/25	RTN	Trichlorotrifluoroethane		12	ug/L	
W-909	2/25/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-909	2/25/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-909	2/25/25	RTN	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-909	2/25/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-909	2/25/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-909	2/25/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-909	2/25/25	DUP	1,1-Dichloroethene		24	ug/L	
W-909	2/25/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-909	2/25/25	DUP	Bromodichloromethane	<	0.5	ug/L	
W-909	2/25/25	DUP	Bromoform	<	0.5	ug/L	
W-909	2/25/25	DUP	Carbon tetrachloride		0.52	ug/L	
W-909	2/25/25	DUP	Chloroform		1.2	ug/L	
W-909	2/25/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-909	2/25/25	DUP	Tetrachloroethene		22	ug/L	
W-909	2/25/25	DUP	Trichloroethene		86	ug/L	
W-909	2/25/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-909	2/25/25	DUP	Trichlorotrifluoroethane		25	ug/L	
W-909	2/25/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-909	2/25/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-909	2/25/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-909	11/19/25	RTN	Chromium		0.0064	mg/L	
W-909	11/19/25	RTN	Hexavalent Chromium		0.0078	mg/L	
W-912	4/28/25	DUP	1,1,1-Trichloroethane	<	0.5	ug/L	
W-912	4/28/25	DUP	1,1,2-Trichloroethane	<	0.5	ug/L	
W-912	4/28/25	DUP	1,1-Dichloroethane	<	0.5	ug/L	
W-912	4/28/25	DUP	1,1-Dichloroethene		1.2	ug/L	
W-912	4/28/25	DUP	1,2-Dichloroethane	<	0.5	ug/L	
W-912	4/28/25	DUP	Bromodichloromethane	<	0.5	ug/L	E
W-912	4/28/25	DUP	Bromoform	<	0.5	ug/L	
W-912	4/28/25	DUP	Carbon tetrachloride	<	0.5	ug/L	E
W-912	4/28/25	DUP	Chloroform		1.1	ug/L	
W-912	4/28/25	DUP	Dibromochloromethane	<	0.5	ug/L	
W-912	4/28/25	DUP	Tetrachloroethene		1.8	ug/L	
W-912	4/28/25	DUP	Trichloroethene		37	ug/L	
W-912	4/28/25	DUP	Trichlorofluoromethane	<	0.5	ug/L	
W-912	4/28/25	DUP	Trichlorotrifluoroethane		0.51	ug/L	
W-912	4/28/25	DUP	Vinyl chloride	<	0.5	ug/L	
W-912	4/28/25	DUP	cis-1,2-Dichloroethene	<	0.5	ug/L	
W-912	4/28/25	DUP	trans-1,2-Dichloroethene	<	0.5	ug/L	
W-912	4/28/25	RTN	1,1,1-Trichloroethane	<	0.5	ug/L	
W-912	4/28/25	RTN	1,1,2-Trichloroethane	<	0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-912	4/28/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-912	4/28/25	RTN	1,1-Dichloroethene		1.3	ug/L	
W-912	4/28/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-912	4/28/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-912	4/28/25	RTN	Bromoform		< 0.5	ug/L	
W-912	4/28/25	RTN	Carbon tetrachloride		0.56	ug/L	
W-912	4/28/25	RTN	Chloroform		1.1	ug/L	
W-912	4/28/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-912	4/28/25	RTN	Tetrachloroethene		1.6	ug/L	
W-912	4/28/25	RTN	Trichloroethene		37	ug/L	
W-912	4/28/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-912	4/28/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-912	4/28/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-912	4/28/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-912	4/28/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-912	4/28/25	RTN	Tritium		< 100	pCi/L	
W-912	11/19/25	RTN	Chromium		0.024	mg/L	
W-912	11/19/25	RTN	Hexavalent Chromium		0.028	mg/L	
W-913	3/19/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-913	3/19/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-913	3/19/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-913	3/19/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-913	3/19/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-913	3/19/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-913	3/19/25	RTN	Bromoform		< 0.5	ug/L	
W-913	3/19/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-913	3/19/25	RTN	Chloroform		< 0.5	ug/L	
W-913	3/19/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-913	3/19/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-913	3/19/25	RTN	Trichloroethene		< 0.5	ug/L	
W-913	3/19/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-913	3/19/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-913	3/19/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-913	3/19/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-913	3/19/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-913	4/17/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-913	4/17/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-913	4/17/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-913	4/17/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-913	4/17/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-913	4/17/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-913	4/17/25	RTN	Bromoform		< 0.5	ug/L	
W-913	4/17/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-913	4/17/25	RTN	Chloroform		< 0.5	ug/L	
W-913	4/17/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-913	4/17/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-913	4/17/25	RTN	Trichloroethene		< 0.5	ug/L	
W-913	4/17/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-913	4/17/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-913	4/17/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-913	4/17/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-913	4/17/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-913	7/14/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	
W-913	7/14/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	
W-913	7/14/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	
W-913	7/14/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	
W-913	7/14/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	
W-913	7/14/25	RTN	Bromodichloromethane		< 0.5	ug/L	
W-913	7/14/25	RTN	Bromoform		< 0.5	ug/L	
W-913	7/14/25	RTN	Carbon tetrachloride		< 0.5	ug/L	
W-913	7/14/25	RTN	Chloroform		< 0.5	ug/L	
W-913	7/14/25	RTN	Dibromochloromethane		< 0.5	ug/L	
W-913	7/14/25	RTN	Tetrachloroethene		< 0.5	ug/L	
W-913	7/14/25	RTN	Trichloroethene		< 0.5	ug/L	
W-913	7/14/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	
W-913	7/14/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	
W-913	7/14/25	RTN	Vinyl chloride		< 0.5	ug/L	
W-913	7/14/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	
W-913	7/14/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	
W-913	10/21/25	RTN	1,1,1-Trichloroethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	1,1,2-Trichloroethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	1,1-Dichloroethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	1,1-Dichloroethene		< 0.5	ug/L	H
W-913	10/21/25	RTN	1,2-Dichloroethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	Bromodichloromethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	Bromoform		< 0.5	ug/L	H
W-913	10/21/25	RTN	Carbon tetrachloride		< 0.5	ug/L	H
W-913	10/21/25	RTN	Chloroform		< 0.5	ug/L	H

Table 2-1. Groundwater analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-913	10/21/25	RTN	Dibromochloromethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	Tetrachloroethene		< 0.5	ug/L	H
W-913	10/21/25	RTN	Trichloroethene		< 0.5	ug/L	H
W-913	10/21/25	RTN	Trichlorofluoromethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	Trichlorotrifluoroethane		< 0.5	ug/L	H
W-913	10/21/25	RTN	Vinyl chloride		< 0.5	ug/L	H
W-913	10/21/25	RTN	cis-1,2-Dichloroethene		< 0.5	ug/L	H
W-913	10/21/25	RTN	trans-1,2-Dichloroethene		< 0.5	ug/L	H
W-913	10/21/25	RTN	Chromium		0.0089	mg/L	
W-913	10/21/25	RTN	Hexavalent Chromium		0.009	mg/L	

Notes:

mg/L = milligrams per liter; pCi/L = picoCuries per liter; µg/L = micrograms per liter; DUP = duplicate sample; LOS = limit of sensitivity; QA = quality assurance; REX = resampling; RTN = routine sample.

< Indicates the measured value is less than the reporting limit.

Data qualifier flags

B = Analyte found in method blank; sample results have been evaluated.

D = Analysis performed at a secondary dilution or concentration.

E = The analyte was detected below the LLNL reporting limit, but above, or equal to, the analytical laboratory minimum detection limit or activity.

F = Analyte found in field blank, trip blank, or equipment blank; sample results have been evaluated.

H = Sample analyzed outside of holding time; sample results have been evaluated.

I = Surrogate or tracer yield recoveries were outside of quality control limits; sample results have been evaluated.

J = The analyte was positively identified; however, the associated numerical value is the approximate concentration or activity of the analyte in the sample.

L = Matrix spike recoveries not within control limits.

O = Matrix spike duplicate relative percent difference (RPD), sample duplicate RPD, or relative error ratio (RER) not within control limits.

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-501-201	04/30/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
SIP-501-201	04/30/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
SIP-501-201	04/30/25	RTN	1,1-Dichloroethane	<	0.02	81	D
SIP-501-201	04/30/25	RTN	1,1-Dichloroethene		0.35	1400	D
SIP-501-201	04/30/25	RTN	1,2-Dichloroethane	<	0.02	81	D
SIP-501-201	04/30/25	RTN	Bromodichloromethane	<	0.02	130	D
SIP-501-201	04/30/25	RTN	Bromoform	<	0.02	210	D
SIP-501-201	04/30/25	RTN	Carbon tetrachloride	<	0.02	130	D
SIP-501-201	04/30/25	RTN	Chloroform		0.022	110	D
SIP-501-201	04/30/25	RTN	Dibromochloromethane	<	0.02	170	D
SIP-501-201	04/30/25	RTN	Tetrachloroethene	<	0.02	140	D
SIP-501-201	04/30/25	RTN	Trichloroethene		5.4	29000	D
SIP-501-201	04/30/25	RTN	Trichlorofluoromethane	<	0.02	110	D
SIP-501-201	04/30/25	RTN	Trichlorotrifluoroethane		0.23	1800	D
SIP-501-201	04/30/25	RTN	Vinyl chloride	<	0.02	51	D
SIP-501-201	04/30/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
SIP-501-201	04/30/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
SIP-501-201	04/30/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-501-201	04/30/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-501-201	04/30/25	DUP	1,1-Dichloroethane	<	0.005	20	E
SIP-501-201	04/30/25	DUP	1,1-Dichloroethene		0.27	1100	
SIP-501-201	04/30/25	DUP	1,2-Dichloroethane		0.0084	34	
SIP-501-201	04/30/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-501-201	04/30/25	DUP	Bromoform	<	0.005	52	
SIP-501-201	04/30/25	DUP	Carbon tetrachloride	<	0.005	31	
SIP-501-201	04/30/25	DUP	Chloroform		0.018	88	
SIP-501-201	04/30/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-501-201	04/30/25	DUP	Tetrachloroethene		0.01	68	
SIP-501-201	04/30/25	DUP	Trichloroethene		4.2	23000	
SIP-501-201	04/30/25	DUP	Trichlorofluoromethane	<	0.005	28	E
SIP-501-201	04/30/25	DUP	Trichlorotrifluoroethane		0.18	1400	
SIP-501-201	04/30/25	DUP	Vinyl chloride	<	0.005	13	
SIP-501-201	04/30/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-501-201	04/30/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-501-201	12/04/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-501-201	12/04/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-501-201	12/04/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-501-201	12/04/25	RTN	1,1-Dichloroethene		0.095	380	D
SIP-501-201	12/04/25	RTN	1,2-Dichloroethane		0.003	12	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-501-201	12/04/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-501-201	12/04/25	RTN	Bromoform	<	0.002	21	D
SIP-501-201	12/04/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-501-201	12/04/25	RTN	Chloroform		0.0066	32	D
SIP-501-201	12/04/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-501-201	12/04/25	RTN	Tetrachloroethene		0.0072	49	D
SIP-501-201	12/04/25	RTN	Trichloroethene		1.5	8100	D
SIP-501-201	12/04/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-501-201	12/04/25	RTN	Trichlorotrifluoroethane		0.067	510	D
SIP-501-201	12/04/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-501-201	12/04/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-501-201	12/04/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-501-201	12/04/25	DUP	1,1,1-Trichloroethane	<	0.0086	47	DH
SIP-501-201	12/04/25	DUP	1,1,2-Trichloroethane	<	0.0086	47	DH
SIP-501-201	12/04/25	DUP	1,1-Dichloroethane	<	0.0086	35	DH
SIP-501-201	12/04/25	DUP	1,1-Dichloroethene		0.19	750	DH
SIP-501-201	12/04/25	DUP	1,2-Dichloroethane	<	0.0086	35	DEH
SIP-501-201	12/04/25	DUP	Bromodichloromethane	<	0.0086	58	DH
SIP-501-201	12/04/25	DUP	Bromoform	<	0.0086	89	DH
SIP-501-201	12/04/25	DUP	Carbon tetrachloride	<	0.0086	54	DH
SIP-501-201	12/04/25	DUP	Chloroform		0.014	68	DH
SIP-501-201	12/04/25	DUP	Dibromochloromethane	<	0.0086	73	DH
SIP-501-201	12/04/25	DUP	Tetrachloroethene		0.01	68	DH
SIP-501-201	12/04/25	DUP	Trichloroethene		3.1	17000	DH
SIP-501-201	12/04/25	DUP	Trichlorofluoromethane	<	0.0086	48	DEH
SIP-501-201	12/04/25	DUP	Trichlorotrifluoroethane		0.13	1000	DH
SIP-501-201	12/04/25	DUP	Vinyl chloride	<	0.0086	22	DH
SIP-501-201	12/04/25	DUP	cis-1,2-Dichloroethene	<	0.0086	34	DH
SIP-501-201	12/04/25	DUP	trans-1,2-Dichloroethene	<	0.0086	34	DH
SIP-511-101	09/23/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-511-101	09/23/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-511-101	09/23/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-511-101	09/23/25	RTN	1,1-Dichloroethene		0.0035	14	D
SIP-511-101	09/23/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-511-101	09/23/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-511-101	09/23/25	RTN	Bromoform	<	0.002	21	D
SIP-511-101	09/23/25	RTN	Carbon tetrachloride		0.026	160	D
SIP-511-101	09/23/25	RTN	Chloroform		0.002	9.8	D
SIP-511-101	09/23/25	RTN	Dibromochloromethane	<	0.002	17	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-511-101	09/23/25	RTN	Tetrachloroethene		0.0099	67	D
SIP-511-101	09/23/25	RTN	Trichloroethene		0.064	340	D
SIP-511-101	09/23/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-511-101	09/23/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-511-101	09/23/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-511-101	09/23/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-511-101	09/23/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-511-102	09/23/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-511-102	09/23/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-511-102	09/23/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-511-102	09/23/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-511-102	09/23/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-511-102	09/23/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-511-102	09/23/25	RTN	Bromoform	<	0.002	21	D
SIP-511-102	09/23/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-511-102	09/23/25	RTN	Chloroform	<	0.002	9.8	D
SIP-511-102	09/23/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-511-102	09/23/25	RTN	Tetrachloroethene		0.0036	24	D
SIP-511-102	09/23/25	RTN	Trichloroethene	<	0.002	11	D
SIP-511-102	09/23/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-511-102	09/23/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-511-102	09/23/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-511-102	09/23/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-511-102	09/23/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-518-101	12/08/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-518-101	12/08/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-518-101	12/08/25	DUP	1,1-Dichloroethane	<	0.005	20	
SIP-518-101	12/08/25	DUP	1,1-Dichloroethene	<	0.005	20	
SIP-518-101	12/08/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-518-101	12/08/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-518-101	12/08/25	DUP	Bromoform	<	0.005	52	
SIP-518-101	12/08/25	DUP	Carbon tetrachloride	<	0.005	31	
SIP-518-101	12/08/25	DUP	Chloroform	<	0.005	24	
SIP-518-101	12/08/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-518-101	12/08/25	DUP	Tetrachloroethene	<	0.005	34	E
SIP-518-101	12/08/25	DUP	Trichloroethene	<	0.005	27	E
SIP-518-101	12/08/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-518-101	12/08/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
SIP-518-101	12/08/25	DUP	Vinyl chloride	<	0.005	13	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-518-101	12/08/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-518-101	12/08/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-518-101	12/08/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-518-101	12/08/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-518-101	12/08/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-518-101	12/08/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-518-101	12/08/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-518-101	12/08/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-518-101	12/08/25	RTN	Bromoform	<	0.002	21	D
SIP-518-101	12/08/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-518-101	12/08/25	RTN	Chloroform	<	0.002	9.8	D
SIP-518-101	12/08/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-518-101	12/08/25	RTN	Tetrachloroethene		0.0047	32	D
SIP-518-101	12/08/25	RTN	Trichloroethene		0.0055	30	D
SIP-518-101	12/08/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-518-101	12/08/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-518-101	12/08/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-518-101	12/08/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-518-101	12/08/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-AS-001	01/16/25	RTN	1,1,1-Trichloroethane		0.0064	35	D
SIP-AS-001	01/16/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-AS-001	01/16/25	RTN	1,1-Dichloroethane	<	0.004	16	D
SIP-AS-001	01/16/25	RTN	1,1-Dichloroethene		0.017	67	D
SIP-AS-001	01/16/25	RTN	1,2-Dichloroethane	<	0.004	16	D
SIP-AS-001	01/16/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-AS-001	01/16/25	RTN	Bromoform	<	0.004	41	D
SIP-AS-001	01/16/25	RTN	Carbon tetrachloride	<	0.004	25	D
SIP-AS-001	01/16/25	RTN	Chloroform		0.012	59	D
SIP-AS-001	01/16/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-AS-001	01/16/25	RTN	Tetrachloroethene		3.6	24000	D
SIP-AS-001	01/16/25	RTN	Trichloroethene		0.083	450	D
SIP-AS-001	01/16/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-AS-001	01/16/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
SIP-AS-001	01/16/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-AS-001	01/16/25	RTN	cis-1,2-Dichloroethene		0.0058	23	D
SIP-AS-001	01/16/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-AS-001	09/29/25	DUP	1,1,1-Trichloroethane		0.0064	35	
SIP-AS-001	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-AS-001	09/29/25	DUP	1,1-Dichloroethane	<	0.005	20	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-AS-001	09/29/25	DUP	1,1-Dichloroethene		0.0086	34	
SIP-AS-001	09/29/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-AS-001	09/29/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-AS-001	09/29/25	DUP	Bromoform	<	0.005	52	
SIP-AS-001	09/29/25	DUP	Carbon tetrachloride	<	0.005	31	
SIP-AS-001	09/29/25	DUP	Chloroform		0.0053	26	
SIP-AS-001	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-AS-001	09/29/25	DUP	Tetrachloroethene		0.86	5800	
SIP-AS-001	09/29/25	DUP	Trichloroethene		0.027	150	
SIP-AS-001	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-AS-001	09/29/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
SIP-AS-001	09/29/25	DUP	Vinyl chloride	<	0.005	13	
SIP-AS-001	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-AS-001	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-AS-001	09/29/25	RTN	1,1,1-Trichloroethane		0.0062	34	D
SIP-AS-001	09/29/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-AS-001	09/29/25	RTN	1,1-Dichloroethane	<	0.004	16	D
SIP-AS-001	09/29/25	RTN	1,1-Dichloroethene		0.0062	25	D
SIP-AS-001	09/29/25	RTN	1,2-Dichloroethane	<	0.004	16	D
SIP-AS-001	09/29/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-AS-001	09/29/25	RTN	Bromoform	<	0.004	41	D
SIP-AS-001	09/29/25	RTN	Carbon tetrachloride	<	0.004	25	D
SIP-AS-001	09/29/25	RTN	Chloroform		0.0046	22	D
SIP-AS-001	09/29/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-AS-001	09/29/25	RTN	Tetrachloroethene		0.86	5800	D
SIP-AS-001	09/29/25	RTN	Trichloroethene		0.022	120	D
SIP-AS-001	09/29/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-AS-001	09/29/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
SIP-AS-001	09/29/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-AS-001	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-AS-001	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETC-201	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETC-201	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETC-201	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETC-201	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETC-201	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETC-201	02/11/25	RTN	Bromoform	<	0.002	21	D
SIP-ETC-201	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETC-201	02/11/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETC-201	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETC-201	02/11/25	RTN	Tetrachloroethene	<	0.002	14	D
SIP-ETC-201	02/11/25	RTN	Trichloroethene	<	0.002	11	D
SIP-ETC-201	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETC-201	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETC-201	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETC-201	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	05/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETC-201	05/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETC-201	05/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETC-201	05/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	05/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETC-201	05/14/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETC-201	05/14/25	RTN	Bromoform	<	0.002	21	D
SIP-ETC-201	05/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETC-201	05/14/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETC-201	05/14/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETC-201	05/14/25	RTN	Tetrachloroethene	<	0.002	14	D
SIP-ETC-201	05/14/25	RTN	Trichloroethene	<	0.002	11	D
SIP-ETC-201	05/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETC-201	05/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETC-201	05/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETC-201	05/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	05/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	08/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETC-201	08/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETC-201	08/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETC-201	08/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	08/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETC-201	08/14/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETC-201	08/14/25	RTN	Bromoform	<	0.002	21	D
SIP-ETC-201	08/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETC-201	08/14/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETC-201	08/14/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETC-201	08/14/25	RTN	Tetrachloroethene		0.0023	16	D
SIP-ETC-201	08/14/25	RTN	Trichloroethene		0.0027	15	D
SIP-ETC-201	08/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETC-201	08/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETC-201	08/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETC-201	08/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	08/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-201	10/23/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETC-201	10/23/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETC-201	10/23/25	RTN	1,1-Dichloroethane	<	0.004	16	D
SIP-ETC-201	10/23/25	RTN	1,1-Dichloroethene	<	0.004	16	D
SIP-ETC-201	10/23/25	RTN	1,2-Dichloroethane	<	0.004	16	D
SIP-ETC-201	10/23/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETC-201	10/23/25	RTN	Bromoform	<	0.004	41	D
SIP-ETC-201	10/23/25	RTN	Carbon tetrachloride	<	0.004	25	D
SIP-ETC-201	10/23/25	RTN	Chloroform	<	0.004	20	D
SIP-ETC-201	10/23/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-ETC-201	10/23/25	RTN	Tetrachloroethene	<	0.004	27	D
SIP-ETC-201	10/23/25	RTN	Trichloroethene	<	0.004	21	D
SIP-ETC-201	10/23/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETC-201	10/23/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
SIP-ETC-201	10/23/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETC-201	10/23/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETC-201	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETC-301	09/17/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETC-301	09/17/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETC-301	09/17/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETC-301	09/17/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETC-301	09/17/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETC-301	09/17/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETC-301	09/17/25	RTN	Bromoform	<	0.002	21	D
SIP-ETC-301	09/17/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETC-301	09/17/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETC-301	09/17/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETC-301	09/17/25	RTN	Tetrachloroethene	<	0.002	14	D
SIP-ETC-301	09/17/25	RTN	Trichloroethene	<	0.002	11	D
SIP-ETC-301	09/17/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETC-301	09/17/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETC-301	09/17/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETC-301	09/17/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-301	09/17/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-303	09/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETC-303	09/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETC-303	09/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETC-303	09/24/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETC-303	09/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETC-303	09/24/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETC-303	09/24/25	RTN	Bromoform	<	0.002	21	D
SIP-ETC-303	09/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETC-303	09/24/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETC-303	09/24/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETC-303	09/24/25	RTN	Tetrachloroethene	<	0.002	14	D
SIP-ETC-303	09/24/25	RTN	Trichloroethene	<	0.002	11	D
SIP-ETC-303	09/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETC-303	09/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETC-303	09/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETC-303	09/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETC-303	09/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-204	01/14/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETS-204	01/14/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETS-204	01/14/25	RTN	1,1-Dichloroethane		0.029	120	D
SIP-ETS-204	01/14/25	RTN	1,1-Dichloroethene		0.56	2200	D
SIP-ETS-204	01/14/25	RTN	1,2-Dichloroethane		0.049	200	D
SIP-ETS-204	01/14/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETS-204	01/14/25	RTN	Bromoform	<	0.004	41	D
SIP-ETS-204	01/14/25	RTN	Carbon tetrachloride		0.034	210	D
SIP-ETS-204	01/14/25	RTN	Chloroform		0.83	4100	D
SIP-ETS-204	01/14/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-ETS-204	01/14/25	RTN	Tetrachloroethene		0.33	2200	D
SIP-ETS-204	01/14/25	RTN	Trichloroethene		2	11000	D
SIP-ETS-204	01/14/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETS-204	01/14/25	RTN	Trichlorotrifluoroethane		0.096	740	D
SIP-ETS-204	01/14/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETS-204	01/14/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-204	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-204	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-204	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-204	09/29/25	DUP	1,1-Dichloroethane		0.0077	31	
SIP-ETS-204	09/29/25	DUP	1,1-Dichloroethene		0.13	520	
SIP-ETS-204	09/29/25	DUP	1,2-Dichloroethane		0.012	49	
SIP-ETS-204	09/29/25	DUP	Bromodichloromethane	<	0.005	33	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-204	09/29/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-204	09/29/25	DUP	Carbon tetrachloride		0.0067	42	
SIP-ETS-204	09/29/25	DUP	Chloroform		0.18	880	
SIP-ETS-204	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-204	09/29/25	DUP	Tetrachloroethene		0.061	410	
SIP-ETS-204	09/29/25	DUP	Trichloroethene		0.42	2300	
SIP-ETS-204	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-204	09/29/25	DUP	Trichlorotrifluoroethane		0.016	120	
SIP-ETS-204	09/29/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-204	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-204	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-204	09/29/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-204	09/29/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-204	09/29/25	RTN	1,1-Dichloroethane		0.0054	22	D
SIP-ETS-204	09/29/25	RTN	1,1-Dichloroethene		0.12	480	D
SIP-ETS-204	09/29/25	RTN	1,2-Dichloroethane		0.012	49	D
SIP-ETS-204	09/29/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-204	09/29/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-204	09/29/25	RTN	Carbon tetrachloride		0.0068	43	D
SIP-ETS-204	09/29/25	RTN	Chloroform		0.15	730	D
SIP-ETS-204	09/29/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-204	09/29/25	RTN	Tetrachloroethene		0.055	370	D
SIP-ETS-204	09/29/25	RTN	Trichloroethene		0.36	1900	D
SIP-ETS-204	09/29/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-204	09/29/25	RTN	Trichlorotrifluoroethane		0.015	110	D
SIP-ETS-204	09/29/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-204	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-204	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-205	01/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-205	01/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-205	01/14/25	RTN	1,1-Dichloroethane		0.026	110	D
SIP-ETS-205	01/14/25	RTN	1,1-Dichloroethene		0.47	1900	D
SIP-ETS-205	01/14/25	RTN	1,2-Dichloroethane		0.053	210	D
SIP-ETS-205	01/14/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-205	01/14/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-205	01/14/25	RTN	Carbon tetrachloride		0.021	130	D
SIP-ETS-205	01/14/25	RTN	Chloroform		0.7	3400	D
SIP-ETS-205	01/14/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-205	01/14/25	RTN	Tetrachloroethene		0.21	1400	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-205	01/14/25	RTN	Trichloroethene		1.3	7000	D
SIP-ETS-205	01/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-205	01/14/25	RTN	Trichlorotrifluoroethane		0.04	310	D
SIP-ETS-205	01/14/25	RTN	Vinyl chloride		0.0026	6.6	D
SIP-ETS-205	01/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-205	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-205	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-205	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-205	09/29/25	DUP	1,1-Dichloroethane		0.0057	23	
SIP-ETS-205	09/29/25	DUP	1,1-Dichloroethene		0.08	320	
SIP-ETS-205	09/29/25	DUP	1,2-Dichloroethane		0.011	45	
SIP-ETS-205	09/29/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-205	09/29/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-205	09/29/25	DUP	Carbon tetrachloride	<	0.005	31	E
SIP-ETS-205	09/29/25	DUP	Chloroform		0.12	590	
SIP-ETS-205	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-205	09/29/25	DUP	Tetrachloroethene		0.032	220	
SIP-ETS-205	09/29/25	DUP	Trichloroethene		0.21	1100	
SIP-ETS-205	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-205	09/29/25	DUP	Trichlorotrifluoroethane	<	0.005	38	E
SIP-ETS-205	09/29/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-205	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-205	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-205	09/29/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-205	09/29/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-205	09/29/25	RTN	1,1-Dichloroethane		0.0041	17	D
SIP-ETS-205	09/29/25	RTN	1,1-Dichloroethene		0.073	290	D
SIP-ETS-205	09/29/25	RTN	1,2-Dichloroethane		0.011	45	D
SIP-ETS-205	09/29/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-205	09/29/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-205	09/29/25	RTN	Carbon tetrachloride		0.0032	20	D
SIP-ETS-205	09/29/25	RTN	Chloroform		0.11	540	D
SIP-ETS-205	09/29/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-205	09/29/25	RTN	Tetrachloroethene		0.029	200	D
SIP-ETS-205	09/29/25	RTN	Trichloroethene		0.18	970	D
SIP-ETS-205	09/29/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-205	09/29/25	RTN	Trichlorotrifluoroethane		0.0043	33	D
SIP-ETS-205	09/29/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-205	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-205	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-209	01/14/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETS-209	01/14/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETS-209	01/14/25	RTN	1,1-Dichloroethane		0.011	45	D
SIP-ETS-209	01/14/25	RTN	1,1-Dichloroethene		0.12	480	D
SIP-ETS-209	01/14/25	RTN	1,2-Dichloroethane		0.012	49	D
SIP-ETS-209	01/14/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETS-209	01/14/25	RTN	Bromoform	<	0.004	41	D
SIP-ETS-209	01/14/25	RTN	Carbon tetrachloride		0.0071	45	D
SIP-ETS-209	01/14/25	RTN	Chloroform		0.31	1500	D
SIP-ETS-209	01/14/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-ETS-209	01/14/25	RTN	Tetrachloroethene		0.24	1600	D
SIP-ETS-209	01/14/25	RTN	Trichloroethene		2.8	15000	D
SIP-ETS-209	01/14/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETS-209	01/14/25	RTN	Trichlorotrifluoroethane		0.015	110	D
SIP-ETS-209	01/14/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETS-209	01/14/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-209	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-209	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-209	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-209	09/29/25	DUP	1,1-Dichloroethane	<	0.005	20	E
SIP-ETS-209	09/29/25	DUP	1,1-Dichloroethene		0.044	170	
SIP-ETS-209	09/29/25	DUP	1,2-Dichloroethane		0.0062	25	
SIP-ETS-209	09/29/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-209	09/29/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-209	09/29/25	DUP	Carbon tetrachloride	<	0.005	31	
SIP-ETS-209	09/29/25	DUP	Chloroform		0.12	590	
SIP-ETS-209	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-209	09/29/25	DUP	Tetrachloroethene		0.066	450	
SIP-ETS-209	09/29/25	DUP	Trichloroethene		0.81	4400	
SIP-ETS-209	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-209	09/29/25	DUP	Trichlorotrifluoroethane	<	0.005	38	E
SIP-ETS-209	09/29/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-209	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-209	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-209	09/29/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-209	09/29/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-209	09/29/25	RTN	1,1-Dichloroethane		0.0028	11	D
SIP-ETS-209	09/29/25	RTN	1,1-Dichloroethene		0.031	120	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-209	09/29/25	RTN	1,2-Dichloroethane		0.0049	20	D
SIP-ETS-209	09/29/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-209	09/29/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-209	09/29/25	RTN	Carbon tetrachloride		0.002	13	D
SIP-ETS-209	09/29/25	RTN	Chloroform		0.088	430	D
SIP-ETS-209	09/29/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-209	09/29/25	RTN	Tetrachloroethene		0.053	360	D
SIP-ETS-209	09/29/25	RTN	Trichloroethene		0.68	3700	D
SIP-ETS-209	09/29/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-209	09/29/25	RTN	Trichlorotrifluoroethane		0.0038	29	D
SIP-ETS-209	09/29/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-209	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-209	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-211	04/30/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETS-211	04/30/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETS-211	04/30/25	RTN	1,1-Dichloroethane	<	0.004	16	D
SIP-ETS-211	04/30/25	RTN	1,1-Dichloroethene		0.47	1900	D
SIP-ETS-211	04/30/25	RTN	1,2-Dichloroethane	<	0.004	16	D
SIP-ETS-211	04/30/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETS-211	04/30/25	RTN	Bromoform	<	0.004	41	D
SIP-ETS-211	04/30/25	RTN	Carbon tetrachloride		0.031	200	D
SIP-ETS-211	04/30/25	RTN	Chloroform		0.05	240	D
SIP-ETS-211	04/30/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-ETS-211	04/30/25	RTN	Tetrachloroethene		0.47	3200	D
SIP-ETS-211	04/30/25	RTN	Trichloroethene		1.5	8100	D
SIP-ETS-211	04/30/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETS-211	04/30/25	RTN	Trichlorotrifluoroethane		0.085	650	D
SIP-ETS-211	04/30/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETS-211	04/30/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-211	04/30/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-211	04/30/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-211	04/30/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-211	04/30/25	DUP	1,1-Dichloroethane	<	0.005	20	E
SIP-ETS-211	04/30/25	DUP	1,1-Dichloroethene		0.4	1600	
SIP-ETS-211	04/30/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-ETS-211	04/30/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-211	04/30/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-211	04/30/25	DUP	Carbon tetrachloride		0.027	170	
SIP-ETS-211	04/30/25	DUP	Chloroform		0.04	200	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-211	04/30/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-211	04/30/25	DUP	Tetrachloroethene		0.41	2800	
SIP-ETS-211	04/30/25	DUP	Trichloroethene		1.3	7000	
SIP-ETS-211	04/30/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-211	04/30/25	DUP	Trichlorotrifluoroethane		0.074	570	
SIP-ETS-211	04/30/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-211	04/30/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-211	04/30/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-211	12/04/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-211	12/04/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-211	12/04/25	RTN	1,1-Dichloroethane		0.0028	11	D
SIP-ETS-211	12/04/25	RTN	1,1-Dichloroethene		0.45	1800	D
SIP-ETS-211	12/04/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-211	12/04/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-211	12/04/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-211	12/04/25	RTN	Carbon tetrachloride		0.032	200	D
SIP-ETS-211	12/04/25	RTN	Chloroform		0.053	260	D
SIP-ETS-211	12/04/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-211	12/04/25	RTN	Tetrachloroethene		0.42	2800	D
SIP-ETS-211	12/04/25	RTN	Trichloroethene		1.4	7500	D
SIP-ETS-211	12/04/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-211	12/04/25	RTN	Trichlorotrifluoroethane		0.075	570	D
SIP-ETS-211	12/04/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-211	12/04/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-211	12/04/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-211	12/04/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-211	12/04/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-211	12/04/25	DUP	1,1-Dichloroethane	<	0.005	20	E
SIP-ETS-211	12/04/25	DUP	1,1-Dichloroethene		0.43	1700	
SIP-ETS-211	12/04/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-ETS-211	12/04/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-211	12/04/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-211	12/04/25	DUP	Carbon tetrachloride		0.03	190	
SIP-ETS-211	12/04/25	DUP	Chloroform		0.053	260	
SIP-ETS-211	12/04/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-211	12/04/25	DUP	Tetrachloroethene		0.47	3200	
SIP-ETS-211	12/04/25	DUP	Trichloroethene		1.5	8100	
SIP-ETS-211	12/04/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-211	12/04/25	DUP	Trichlorotrifluoroethane		0.066	510	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-211	12/04/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-211	12/04/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-211	12/04/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-213	01/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-213	01/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-213	01/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETS-213	01/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETS-213	01/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-213	01/14/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-213	01/14/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-213	01/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETS-213	01/14/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETS-213	01/14/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-213	01/14/25	RTN	Tetrachloroethene	<	0.002	14	D
SIP-ETS-213	01/14/25	RTN	Trichloroethene		0.0082	44	D
SIP-ETS-213	01/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-213	01/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETS-213	01/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-213	01/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-213	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-215	04/30/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-215	04/30/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-215	04/30/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETS-215	04/30/25	RTN	1,1-Dichloroethene		0.0065	26	D
SIP-ETS-215	04/30/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-215	04/30/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-215	04/30/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-215	04/30/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETS-215	04/30/25	RTN	Chloroform		0.0042	21	D
SIP-ETS-215	04/30/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-215	04/30/25	RTN	Tetrachloroethene		0.0081	55	D
SIP-ETS-215	04/30/25	RTN	Trichloroethene		0.042	230	D
SIP-ETS-215	04/30/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-215	04/30/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETS-215	04/30/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-215	04/30/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-215	04/30/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-215	04/30/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-215	04/30/25	DUP	1,1,2-Trichloroethane	<	0.005	27	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-215	04/30/25	DUP	1,1-Dichloroethane	<	0.005	20	
SIP-ETS-215	04/30/25	DUP	1,1-Dichloroethene		0.0061	24	
SIP-ETS-215	04/30/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-ETS-215	04/30/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-215	04/30/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-215	04/30/25	DUP	Carbon tetrachloride	<	0.005	31	
SIP-ETS-215	04/30/25	DUP	Chloroform	<	0.005	24	E
SIP-ETS-215	04/30/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-215	04/30/25	DUP	Tetrachloroethene		0.0059	40	
SIP-ETS-215	04/30/25	DUP	Trichloroethene		0.032	170	
SIP-ETS-215	04/30/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-215	04/30/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
SIP-ETS-215	04/30/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-215	04/30/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-215	04/30/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-215	12/04/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-215	12/04/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-215	12/04/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETS-215	12/04/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETS-215	12/04/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-215	12/04/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-215	12/04/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-215	12/04/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETS-215	12/04/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETS-215	12/04/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-215	12/04/25	RTN	Tetrachloroethene	<	0.002	14	D
SIP-ETS-215	12/04/25	RTN	Trichloroethene		0.0023	12	D
SIP-ETS-215	12/04/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-215	12/04/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETS-215	12/04/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-215	12/04/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-215	12/04/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-215	12/04/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-215	12/04/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-215	12/04/25	DUP	1,1-Dichloroethane	<	0.005	20	
SIP-ETS-215	12/04/25	DUP	1,1-Dichloroethene	<	0.005	20	
SIP-ETS-215	12/04/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-ETS-215	12/04/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-215	12/04/25	DUP	Bromoform	<	0.005	52	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-215	12/04/25	DUP	Carbon tetrachloride	<	0.005	31	
SIP-ETS-215	12/04/25	DUP	Chloroform	<	0.005	24	
SIP-ETS-215	12/04/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-215	12/04/25	DUP	Tetrachloroethene	<	0.005	34	
SIP-ETS-215	12/04/25	DUP	Trichloroethene	<	0.005	27	E
SIP-ETS-215	12/04/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-215	12/04/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
SIP-ETS-215	12/04/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-215	12/04/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-215	12/04/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-302	01/14/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETS-302	01/14/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETS-302	01/14/25	RTN	1,1-Dichloroethane		0.0082	33	D
SIP-ETS-302	01/14/25	RTN	1,1-Dichloroethene		0.33	1300	D
SIP-ETS-302	01/14/25	RTN	1,2-Dichloroethane		0.0077	31	D
SIP-ETS-302	01/14/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETS-302	01/14/25	RTN	Bromoform	<	0.004	41	D
SIP-ETS-302	01/14/25	RTN	Carbon tetrachloride		0.061	380	D
SIP-ETS-302	01/14/25	RTN	Chloroform		0.13	630	D
SIP-ETS-302	01/14/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-ETS-302	01/14/25	RTN	Tetrachloroethene		0.31	2100	D
SIP-ETS-302	01/14/25	RTN	Trichloroethene		2.8	15000	D
SIP-ETS-302	01/14/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETS-302	01/14/25	RTN	Trichlorotrifluoroethane		1.4	11000	D
SIP-ETS-302	01/14/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETS-302	01/14/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-302	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-302	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-302	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-302	09/29/25	DUP	1,1-Dichloroethane		0.0091	37	
SIP-ETS-302	09/29/25	DUP	1,1-Dichloroethene		0.33	1300	
SIP-ETS-302	09/29/25	DUP	1,2-Dichloroethane		0.0072	29	
SIP-ETS-302	09/29/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-302	09/29/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-302	09/29/25	DUP	Carbon tetrachloride		0.056	350	
SIP-ETS-302	09/29/25	DUP	Chloroform		0.12	590	
SIP-ETS-302	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-302	09/29/25	DUP	Tetrachloroethene		0.29	2000	
SIP-ETS-302	09/29/25	DUP	Trichloroethene		2.6	14000	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-302	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-302	09/29/25	DUP	Trichlorotrifluoroethane		1.2	9200	
SIP-ETS-302	09/29/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-302	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-302	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-302	09/29/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
SIP-ETS-302	09/29/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
SIP-ETS-302	09/29/25	RTN	1,1-Dichloroethane	<	0.02	81	D
SIP-ETS-302	09/29/25	RTN	1,1-Dichloroethene		0.32	1300	D
SIP-ETS-302	09/29/25	RTN	1,2-Dichloroethane	<	0.02	81	D
SIP-ETS-302	09/29/25	RTN	Bromodichloromethane	<	0.02	130	D
SIP-ETS-302	09/29/25	RTN	Bromoform	<	0.02	210	D
SIP-ETS-302	09/29/25	RTN	Carbon tetrachloride		0.068	430	D
SIP-ETS-302	09/29/25	RTN	Chloroform		0.12	590	D
SIP-ETS-302	09/29/25	RTN	Dibromochloromethane	<	0.02	170	D
SIP-ETS-302	09/29/25	RTN	Tetrachloroethene		0.3	2000	D
SIP-ETS-302	09/29/25	RTN	Trichloroethene		2.8	15000	D
SIP-ETS-302	09/29/25	RTN	Trichlorofluoromethane	<	0.02	110	D
SIP-ETS-302	09/29/25	RTN	Trichlorotrifluoroethane		1.2	9200	D
SIP-ETS-302	09/29/25	RTN	Vinyl chloride	<	0.02	51	D
SIP-ETS-302	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
SIP-ETS-302	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
SIP-ETS-303	04/30/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
SIP-ETS-303	04/30/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
SIP-ETS-303	04/30/25	RTN	1,1-Dichloroethane		0.023	93	D
SIP-ETS-303	04/30/25	RTN	1,1-Dichloroethene		0.58	2300	D
SIP-ETS-303	04/30/25	RTN	1,2-Dichloroethane		0.028	110	D
SIP-ETS-303	04/30/25	RTN	Bromodichloromethane	<	0.02	130	D
SIP-ETS-303	04/30/25	RTN	Bromoform	<	0.02	210	D
SIP-ETS-303	04/30/25	RTN	Carbon tetrachloride		0.063	400	D
SIP-ETS-303	04/30/25	RTN	Chloroform		0.38	1900	D
SIP-ETS-303	04/30/25	RTN	Dibromochloromethane	<	0.02	170	D
SIP-ETS-303	04/30/25	RTN	Tetrachloroethene		0.82	5600	D
SIP-ETS-303	04/30/25	RTN	Trichloroethene		9.2	49000	D
SIP-ETS-303	04/30/25	RTN	Trichlorofluoromethane	<	0.02	110	D
SIP-ETS-303	04/30/25	RTN	Trichlorotrifluoroethane		1.1	8400	D
SIP-ETS-303	04/30/25	RTN	Vinyl chloride	<	0.02	51	D
SIP-ETS-303	04/30/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
SIP-ETS-303	04/30/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-303	04/30/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-303	04/30/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-303	04/30/25	DUP	1,1-Dichloroethane		0.022	89	
SIP-ETS-303	04/30/25	DUP	1,1-Dichloroethene		0.57	2300	
SIP-ETS-303	04/30/25	DUP	1,2-Dichloroethane		0.026	110	
SIP-ETS-303	04/30/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-303	04/30/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-303	04/30/25	DUP	Carbon tetrachloride		0.063	400	
SIP-ETS-303	04/30/25	DUP	Chloroform		0.34	1700	
SIP-ETS-303	04/30/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-303	04/30/25	DUP	Tetrachloroethene		0.77	5200	
SIP-ETS-303	04/30/25	DUP	Trichloroethene		8.8	47000	
SIP-ETS-303	04/30/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-303	04/30/25	DUP	Trichlorotrifluoroethane		1.1	8400	
SIP-ETS-303	04/30/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-303	04/30/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-303	04/30/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-303	11/20/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
SIP-ETS-303	11/20/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
SIP-ETS-303	11/20/25	RTN	1,1-Dichloroethane	<	0.02	81	D
SIP-ETS-303	11/20/25	RTN	1,1-Dichloroethene		0.33	1300	D
SIP-ETS-303	11/20/25	RTN	1,2-Dichloroethane	<	0.02	81	D
SIP-ETS-303	11/20/25	RTN	Bromodichloromethane	<	0.02	130	D
SIP-ETS-303	11/20/25	RTN	Bromoform	<	0.02	210	D
SIP-ETS-303	11/20/25	RTN	Carbon tetrachloride		0.037	230	D
SIP-ETS-303	11/20/25	RTN	Chloroform		0.23	1100	D
SIP-ETS-303	11/20/25	RTN	Dibromochloromethane	<	0.02	170	D
SIP-ETS-303	11/20/25	RTN	Tetrachloroethene		0.39	2600	D
SIP-ETS-303	11/20/25	RTN	Trichloroethene		4.5	24000	D
SIP-ETS-303	11/20/25	RTN	Trichlorofluoromethane	<	0.02	110	D
SIP-ETS-303	11/20/25	RTN	Trichlorotrifluoroethane		0.57	4400	D
SIP-ETS-303	11/20/25	RTN	Vinyl chloride	<	0.02	51	D
SIP-ETS-303	11/20/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
SIP-ETS-303	11/20/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
SIP-ETS-304	04/30/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETS-304	04/30/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETS-304	04/30/25	RTN	1,1-Dichloroethane		0.0043	17	D
SIP-ETS-304	04/30/25	RTN	1,1-Dichloroethene		0.27	1100	D
SIP-ETS-304	04/30/25	RTN	1,2-Dichloroethane	<	0.004	16	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-304	04/30/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETS-304	04/30/25	RTN	Bromoform	<	0.004	41	D
SIP-ETS-304	04/30/25	RTN	Carbon tetrachloride		0.014	88	D
SIP-ETS-304	04/30/25	RTN	Chloroform		0.15	730	D
SIP-ETS-304	04/30/25	RTN	Dibromochloromethane	<	0.004	34	D
SIP-ETS-304	04/30/25	RTN	Tetrachloroethene		0.25	1700	D
SIP-ETS-304	04/30/25	RTN	Trichloroethene		1.4	7500	D
SIP-ETS-304	04/30/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETS-304	04/30/25	RTN	Trichlorotrifluoroethane		0.043	330	D
SIP-ETS-304	04/30/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETS-304	04/30/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-304	04/30/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-304	04/30/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
SIP-ETS-304	04/30/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
SIP-ETS-304	04/30/25	DUP	1,1-Dichloroethane	<	0.005	20	E
SIP-ETS-304	04/30/25	DUP	1,1-Dichloroethene		0.2	790	
SIP-ETS-304	04/30/25	DUP	1,2-Dichloroethane	<	0.005	20	
SIP-ETS-304	04/30/25	DUP	Bromodichloromethane	<	0.005	33	
SIP-ETS-304	04/30/25	DUP	Bromoform	<	0.005	52	
SIP-ETS-304	04/30/25	DUP	Carbon tetrachloride		0.011	69	
SIP-ETS-304	04/30/25	DUP	Chloroform		0.11	540	
SIP-ETS-304	04/30/25	DUP	Dibromochloromethane	<	0.005	43	
SIP-ETS-304	04/30/25	DUP	Tetrachloroethene		0.21	1400	
SIP-ETS-304	04/30/25	DUP	Trichloroethene		1.2	6400	
SIP-ETS-304	04/30/25	DUP	Trichlorofluoromethane	<	0.005	28	
SIP-ETS-304	04/30/25	DUP	Trichlorotrifluoroethane		0.034	260	
SIP-ETS-304	04/30/25	DUP	Vinyl chloride	<	0.005	13	
SIP-ETS-304	04/30/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-304	04/30/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
SIP-ETS-304	11/20/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
SIP-ETS-304	11/20/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
SIP-ETS-304	11/20/25	RTN	1,1-Dichloroethane		0.0043	17	D
SIP-ETS-304	11/20/25	RTN	1,1-Dichloroethene		0.25	990	D
SIP-ETS-304	11/20/25	RTN	1,2-Dichloroethane	<	0.004	16	D
SIP-ETS-304	11/20/25	RTN	Bromodichloromethane	<	0.004	27	D
SIP-ETS-304	11/20/25	RTN	Bromoform	<	0.004	41	D
SIP-ETS-304	11/20/25	RTN	Carbon tetrachloride		0.014	88	D
SIP-ETS-304	11/20/25	RTN	Chloroform		0.15	730	D
SIP-ETS-304	11/20/25	RTN	Dibromochloromethane	<	0.004	34	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-304	11/20/25	RTN	Tetrachloroethene		0.22	1500	D
SIP-ETS-304	11/20/25	RTN	Trichloroethene		1.2	6400	D
SIP-ETS-304	11/20/25	RTN	Trichlorofluoromethane	<	0.004	22	D
SIP-ETS-304	11/20/25	RTN	Trichlorotrifluoroethane		0.043	330	D
SIP-ETS-304	11/20/25	RTN	Vinyl chloride	<	0.004	10	D
SIP-ETS-304	11/20/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-304	11/20/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
SIP-ETS-306	04/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-306	04/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-306	04/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETS-306	04/28/25	RTN	1,1-Dichloroethene		0.033	130	D
SIP-ETS-306	04/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-306	04/28/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-306	04/28/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-306	04/28/25	RTN	Carbon tetrachloride		0.003	19	D
SIP-ETS-306	04/28/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETS-306	04/28/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-306	04/28/25	RTN	Tetrachloroethene		0.022	150	D
SIP-ETS-306	04/28/25	RTN	Trichloroethene		0.027	150	D
SIP-ETS-306	04/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-306	04/28/25	RTN	Trichlorotrifluoroethane		0.058	440	D
SIP-ETS-306	04/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-306	04/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-306	04/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-404	01/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-404	01/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-404	01/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETS-404	01/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETS-404	01/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-404	01/14/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-404	01/14/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-404	01/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETS-404	01/14/25	RTN	Chloroform	<	0.002	9.8	D
SIP-ETS-404	01/14/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-404	01/14/25	RTN	Tetrachloroethene		0.0026	18	D
SIP-ETS-404	01/14/25	RTN	Trichloroethene		0.0066	35	D
SIP-ETS-404	01/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-404	01/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETS-404	01/14/25	RTN	Vinyl chloride	<	0.002	5.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SIP-ETS-404	01/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-404	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-502	09/23/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SIP-ETS-502	09/23/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SIP-ETS-502	09/23/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SIP-ETS-502	09/23/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SIP-ETS-502	09/23/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SIP-ETS-502	09/23/25	RTN	Bromodichloromethane	<	0.002	13	D
SIP-ETS-502	09/23/25	RTN	Bromoform	<	0.002	21	D
SIP-ETS-502	09/23/25	RTN	Carbon tetrachloride	<	0.002	13	D
SIP-ETS-502	09/23/25	RTN	Chloroform		0.0031	15	D
SIP-ETS-502	09/23/25	RTN	Dibromochloromethane	<	0.002	17	D
SIP-ETS-502	09/23/25	RTN	Tetrachloroethene		0.0049	33	D
SIP-ETS-502	09/23/25	RTN	Trichloroethene		0.018	97	D
SIP-ETS-502	09/23/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SIP-ETS-502	09/23/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SIP-ETS-502	09/23/25	RTN	Vinyl chloride	<	0.002	5.1	D
SIP-ETS-502	09/23/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SIP-ETS-502	09/23/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-201	12/01/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-201	12/01/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-201	12/01/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SVB-518-201	12/01/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-201	12/01/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-201	12/01/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-201	12/01/25	RTN	Bromoform	<	0.002	21	D
SVB-518-201	12/01/25	RTN	Carbon tetrachloride	<	0.002	13	D
SVB-518-201	12/01/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-201	12/01/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-201	12/01/25	RTN	Tetrachloroethene	<	0.002	14	D
SVB-518-201	12/01/25	RTN	Trichloroethene	<	0.002	11	D
SVB-518-201	12/01/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SVB-518-201	12/01/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-201	12/01/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-201	12/01/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-201	12/01/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-202	12/01/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-202	12/01/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-202	12/01/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SVB-518-202	12/01/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-202	12/01/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-202	12/01/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-202	12/01/25	RTN	Bromoform	<	0.002	21	D
SVB-518-202	12/01/25	RTN	Carbon tetrachloride	<	0.002	13	D
SVB-518-202	12/01/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-202	12/01/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-202	12/01/25	RTN	Tetrachloroethene	<	0.002	14	D
SVB-518-202	12/01/25	RTN	Trichloroethene	<	0.002	11	D
SVB-518-202	12/01/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SVB-518-202	12/01/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-202	12/01/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-202	12/01/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-202	12/01/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	02/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-204	02/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-204	02/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SVB-518-204	02/24/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-204	02/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-204	02/24/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-204	02/24/25	RTN	Bromoform	<	0.002	21	D
SVB-518-204	02/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
SVB-518-204	02/24/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-204	02/24/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-204	02/24/25	RTN	Tetrachloroethene		0.067	450	D
SVB-518-204	02/24/25	RTN	Trichloroethene		0.039	210	D
SVB-518-204	02/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SVB-518-204	02/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-204	02/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-204	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-204	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-204	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SVB-518-204	05/28/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-204	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-204	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-204	05/28/25	RTN	Bromoform	<	0.002	21	D
SVB-518-204	05/28/25	RTN	Carbon tetrachloride	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SVB-518-204	05/28/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-204	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-204	05/28/25	RTN	Tetrachloroethene		0.075	510	D
SVB-518-204	05/28/25	RTN	Trichloroethene		0.032	170	D
SVB-518-204	05/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SVB-518-204	05/28/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-204	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-204	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-204	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-204	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SVB-518-204	08/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-204	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-204	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-204	08/12/25	RTN	Bromoform	<	0.002	21	D
SVB-518-204	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
SVB-518-204	08/12/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-204	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-204	08/12/25	RTN	Tetrachloroethene		0.052	350	D
SVB-518-204	08/12/25	RTN	Trichloroethene		0.031	170	D
SVB-518-204	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SVB-518-204	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-204	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-204	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-204	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-204	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SVB-518-204	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-204	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-204	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-204	10/22/25	RTN	Bromoform	<	0.002	21	D
SVB-518-204	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
SVB-518-204	10/22/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-204	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-204	10/22/25	RTN	Tetrachloroethene		0.041	280	D
SVB-518-204	10/22/25	RTN	Trichloroethene		0.0071	38	D
SVB-518-204	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
SVB-518-204	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-204	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-204	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-204	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-302	11/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
SVB-518-302	11/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
SVB-518-302	11/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
SVB-518-302	11/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
SVB-518-302	11/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
SVB-518-302	11/12/25	RTN	Bromodichloromethane	<	0.002	13	D
SVB-518-302	11/12/25	RTN	Bromoform	<	0.002	21	D
SVB-518-302	11/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
SVB-518-302	11/12/25	RTN	Chloroform	<	0.002	9.8	D
SVB-518-302	11/12/25	RTN	Dibromochloromethane	<	0.002	17	D
SVB-518-302	11/12/25	RTN	Tetrachloroethene	<	0.002	14	D
SVB-518-302	11/12/25	RTN	Trichloroethene		0.0038	20	D
SVB-518-302	11/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
SVB-518-302	11/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
SVB-518-302	11/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
SVB-518-302	11/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
SVB-518-302	11/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1107	09/18/25	DUP	1,1,1-Trichloroethane	<	0.02	110	D
W-1107	09/18/25	DUP	1,1,2-Trichloroethane	<	0.02	110	D
W-1107	09/18/25	DUP	1,1-Dichloroethane	<	0.02	81	D
W-1107	09/18/25	DUP	1,1-Dichloroethene	<	0.02	79	D
W-1107	09/18/25	DUP	1,2-Dichloroethane	<	0.02	81	D
W-1107	09/18/25	DUP	Bromodichloromethane	<	0.02	130	D
W-1107	09/18/25	DUP	Bromoform	<	0.02	210	D
W-1107	09/18/25	DUP	Carbon tetrachloride	<	0.02	130	D
W-1107	09/18/25	DUP	Chloroform	<	0.02	98	D
W-1107	09/18/25	DUP	Dibromochloromethane	<	0.02	170	D
W-1107	09/18/25	DUP	Tetrachloroethene		1.5	10000	D
W-1107	09/18/25	DUP	Trichloroethene		0.043	230	D
W-1107	09/18/25	DUP	Trichlorofluoromethane	<	0.02	110	D
W-1107	09/18/25	DUP	Trichlorotrifluoroethane	<	0.02	150	D
W-1107	09/18/25	DUP	Vinyl chloride	<	0.02	51	D
W-1107	09/18/25	DUP	cis-1,2-Dichloroethene	<	0.02	79	D
W-1107	09/18/25	DUP	trans-1,2-Dichloroethene	<	0.02	79	D
W-1107	09/18/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1107	09/18/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-1107	09/18/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-1107	09/18/25	RTN	1,1-Dichloroethene	<	0.02	79	D
W-1107	09/18/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-1107	09/18/25	RTN	Bromodichloromethane	<	0.02	130	D
W-1107	09/18/25	RTN	Bromoform	<	0.02	210	D
W-1107	09/18/25	RTN	Carbon tetrachloride	<	0.02	130	D
W-1107	09/18/25	RTN	Chloroform	<	0.02	98	D
W-1107	09/18/25	RTN	Dibromochloromethane	<	0.02	170	D
W-1107	09/18/25	RTN	Tetrachloroethene		1.6	11000	D
W-1107	09/18/25	RTN	Trichloroethene		0.046	250	D
W-1107	09/18/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-1107	09/18/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-1107	09/18/25	RTN	Vinyl chloride	<	0.02	51	D
W-1107	09/18/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-1107	09/18/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-112	12/02/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-112	12/02/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-112	12/02/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-112	12/02/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-112	12/02/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-112	12/02/25	RTN	Bromodichloromethane	<	0.002	13	D
W-112	12/02/25	RTN	Bromoform	<	0.002	21	D
W-112	12/02/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-112	12/02/25	RTN	Chloroform	<	0.002	9.8	D
W-112	12/02/25	RTN	Dibromochloromethane	<	0.002	17	D
W-112	12/02/25	RTN	Tetrachloroethene	<	0.002	14	D
W-112	12/02/25	RTN	Trichloroethene		0.0027	15	D
W-112	12/02/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-112	12/02/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-112	12/02/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-112	12/02/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-112	12/02/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1214	09/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1214	09/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1214	09/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1214	09/22/25	RTN	1,1-Dichloroethene		0.0025	9.9	D
W-1214	09/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1214	09/22/25	RTN	Bromodichloromethane	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1214	09/22/25	RTN	Bromoform	<	0.002	21	D
W-1214	09/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1214	09/22/25	RTN	Chloroform	<	0.002	9.8	D
W-1214	09/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1214	09/22/25	RTN	Tetrachloroethene		0.41	2800	D
W-1214	09/22/25	RTN	Trichloroethene		0.0095	51	D
W-1214	09/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1214	09/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-1214	09/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1214	09/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1214	09/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1217	09/30/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
W-1217	09/30/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-1217	09/30/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-1217	09/30/25	RTN	1,1-Dichloroethene	<	0.02	79	D
W-1217	09/30/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-1217	09/30/25	RTN	Bromodichloromethane	<	0.02	130	D
W-1217	09/30/25	RTN	Bromoform	<	0.02	210	D
W-1217	09/30/25	RTN	Carbon tetrachloride	<	0.02	130	D
W-1217	09/30/25	RTN	Chloroform	<	0.02	98	D
W-1217	09/30/25	RTN	Dibromochloromethane	<	0.02	170	D
W-1217	09/30/25	RTN	Tetrachloroethene		2.1	14000	D
W-1217	09/30/25	RTN	Trichloroethene		0.03	160	D
W-1217	09/30/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-1217	09/30/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-1217	09/30/25	RTN	Vinyl chloride	<	0.02	51	D
W-1217	09/30/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-1217	09/30/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-1415	09/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1415	09/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1415	09/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1415	09/24/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-1415	09/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1415	09/24/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1415	09/24/25	RTN	Bromoform	<	0.002	21	D
W-1415	09/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1415	09/24/25	RTN	Chloroform	<	0.002	9.8	D
W-1415	09/24/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1415	09/24/25	RTN	Tetrachloroethene	<	0.002	14	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1415	09/24/25	RTN	Trichloroethene	<	0.002	11	D
W-1415	09/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1415	09/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-1415	09/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1415	09/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1415	09/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1605	05/01/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1605	05/01/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1605	05/01/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1605	05/01/25	RTN	1,1-Dichloroethene		0.041	160	D
W-1605	05/01/25	RTN	1,2-Dichloroethane		0.0028	11	D
W-1605	05/01/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1605	05/01/25	RTN	Bromoform	<	0.002	21	D
W-1605	05/01/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1605	05/01/25	RTN	Chloroform		0.14	680	D
W-1605	05/01/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1605	05/01/25	RTN	Tetrachloroethene		0.029	200	D
W-1605	05/01/25	RTN	Trichloroethene		0.36	1900	D
W-1605	05/01/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1605	05/01/25	RTN	Trichlorotrifluoroethane		0.0073	56	D
W-1605	05/01/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1605	05/01/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1605	05/01/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1605	05/01/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-1605	05/01/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-1605	05/01/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-1605	05/01/25	DUP	1,1-Dichloroethene		0.038	150	
W-1605	05/01/25	DUP	1,2-Dichloroethane	<	0.005	20	E
W-1605	05/01/25	DUP	Bromodichloromethane	<	0.005	33	
W-1605	05/01/25	DUP	Bromoform	<	0.005	52	
W-1605	05/01/25	DUP	Carbon tetrachloride	<	0.005	31	E
W-1605	05/01/25	DUP	Chloroform		0.12	590	
W-1605	05/01/25	DUP	Dibromochloromethane	<	0.005	43	
W-1605	05/01/25	DUP	Tetrachloroethene		0.022	150	
W-1605	05/01/25	DUP	Trichloroethene		0.31	1700	
W-1605	05/01/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-1605	05/01/25	DUP	Trichlorotrifluoroethane		0.0065	50	
W-1605	05/01/25	DUP	Vinyl chloride	<	0.005	13	
W-1605	05/01/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1605	05/01/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-1605	12/04/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1605	12/04/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1605	12/04/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1605	12/04/25	RTN	1,1-Dichloroethene		0.024	95	D
W-1605	12/04/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1605	12/04/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1605	12/04/25	RTN	Bromoform	<	0.002	21	D
W-1605	12/04/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1605	12/04/25	RTN	Chloroform		0.096	470	D
W-1605	12/04/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1605	12/04/25	RTN	Tetrachloroethene		0.018	120	D
W-1605	12/04/25	RTN	Trichloroethene		0.23	1200	D
W-1605	12/04/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1605	12/04/25	RTN	Trichlorotrifluoroethane		0.0045	34	D
W-1605	12/04/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1605	12/04/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1605	12/04/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1605	12/04/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-1605	12/04/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-1605	12/04/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-1605	12/04/25	DUP	1,1-Dichloroethene		0.024	95	
W-1605	12/04/25	DUP	1,2-Dichloroethane	<	0.005	20	E
W-1605	12/04/25	DUP	Bromodichloromethane	<	0.005	33	
W-1605	12/04/25	DUP	Bromoform	<	0.005	52	
W-1605	12/04/25	DUP	Carbon tetrachloride	<	0.005	31	
W-1605	12/04/25	DUP	Chloroform		0.093	450	
W-1605	12/04/25	DUP	Dibromochloromethane	<	0.005	43	
W-1605	12/04/25	DUP	Tetrachloroethene		0.02	140	
W-1605	12/04/25	DUP	Trichloroethene		0.24	1300	
W-1605	12/04/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-1605	12/04/25	DUP	Trichlorotrifluoroethane	<	0.005	38	E
W-1605	12/04/25	DUP	Vinyl chloride	<	0.005	13	
W-1605	12/04/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-1605	12/04/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-1615	02/24/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-1615	02/24/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-1615	02/24/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-1615	02/24/25	RTN	1,1-Dichloroethene		0.011	44	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1615	02/24/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-1615	02/24/25	RTN	Bromodichloromethane	<	0.004	27	D
W-1615	02/24/25	RTN	Bromoform	<	0.004	41	D
W-1615	02/24/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-1615	02/24/25	RTN	Chloroform	<	0.004	20	D
W-1615	02/24/25	RTN	Dibromochloromethane	<	0.004	34	D
W-1615	02/24/25	RTN	Tetrachloroethene		2.2	15000	D
W-1615	02/24/25	RTN	Trichloroethene		0.87	4700	D
W-1615	02/24/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-1615	02/24/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-1615	02/24/25	RTN	Vinyl chloride	<	0.004	10	D
W-1615	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-1615	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-1615	05/28/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-1615	05/28/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-1615	05/28/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-1615	05/28/25	RTN	1,1-Dichloroethene		0.0045	18	D
W-1615	05/28/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-1615	05/28/25	RTN	Bromodichloromethane	<	0.004	27	D
W-1615	05/28/25	RTN	Bromoform	<	0.004	41	D
W-1615	05/28/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-1615	05/28/25	RTN	Chloroform	<	0.004	20	D
W-1615	05/28/25	RTN	Dibromochloromethane	<	0.004	34	D
W-1615	05/28/25	RTN	Tetrachloroethene		1.7	12000	D
W-1615	05/28/25	RTN	Trichloroethene		0.65	3500	D
W-1615	05/28/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-1615	05/28/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-1615	05/28/25	RTN	Vinyl chloride	<	0.004	10	D
W-1615	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-1615	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-1615	08/12/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-1615	08/12/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-1615	08/12/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-1615	08/12/25	RTN	1,1-Dichloroethene		0.007	28	D
W-1615	08/12/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-1615	08/12/25	RTN	Bromodichloromethane	<	0.004	27	D
W-1615	08/12/25	RTN	Bromoform	<	0.004	41	D
W-1615	08/12/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-1615	08/12/25	RTN	Chloroform	<	0.004	20	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1615	08/12/25	RTN	Dibromochloromethane	<	0.004	34	D
W-1615	08/12/25	RTN	Tetrachloroethene		1.4	9500	D
W-1615	08/12/25	RTN	Trichloroethene		0.74	4000	D
W-1615	08/12/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-1615	08/12/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-1615	08/12/25	RTN	Vinyl chloride	<	0.004	10	D
W-1615	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-1615	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-1615	10/22/25	RTN	1,1,1-Trichloroethane	<	0.01	55	D
W-1615	10/22/25	RTN	1,1,2-Trichloroethane	<	0.01	55	D
W-1615	10/22/25	RTN	1,1-Dichloroethane	<	0.01	40	D
W-1615	10/22/25	RTN	1,1-Dichloroethene	<	0.01	40	D
W-1615	10/22/25	RTN	1,2-Dichloroethane	<	0.01	40	D
W-1615	10/22/25	RTN	Bromodichloromethane	<	0.01	67	D
W-1615	10/22/25	RTN	Bromoform	<	0.01	100	D
W-1615	10/22/25	RTN	Carbon tetrachloride	<	0.01	63	D
W-1615	10/22/25	RTN	Chloroform	<	0.01	49	D
W-1615	10/22/25	RTN	Dibromochloromethane	<	0.01	85	D
W-1615	10/22/25	RTN	Tetrachloroethene		1.2	8100	D
W-1615	10/22/25	RTN	Trichloroethene		0.93	5000	D
W-1615	10/22/25	RTN	Trichlorofluoromethane	<	0.01	56	D
W-1615	10/22/25	RTN	Trichlorotrifluoroethane	<	0.01	77	D
W-1615	10/22/25	RTN	Vinyl chloride	<	0.01	26	D
W-1615	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.01	40	D
W-1615	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.01	40	D
W-1903	02/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1903	02/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1903	02/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1903	02/12/25	RTN	1,1-Dichloroethene		0.0028	11	D
W-1903	02/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1903	02/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1903	02/12/25	RTN	Bromoform	<	0.002	21	D
W-1903	02/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1903	02/12/25	RTN	Chloroform	<	0.002	9.8	D
W-1903	02/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1903	02/12/25	RTN	Tetrachloroethene		0.015	100	D
W-1903	02/12/25	RTN	Trichloroethene		0.009	48	D
W-1903	02/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1903	02/12/25	RTN	Trichlorotrifluoroethane		0.0031	24	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1903	02/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1903	02/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	02/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1903	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1903	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1903	05/13/25	RTN	1,1-Dichloroethene		0.0049	19	D
W-1903	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1903	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1903	05/13/25	RTN	Bromoform	<	0.002	21	D
W-1903	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1903	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-1903	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1903	05/13/25	RTN	Tetrachloroethene		0.01	68	D
W-1903	05/13/25	RTN	Trichloroethene		0.0065	35	D
W-1903	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1903	05/13/25	RTN	Trichlorotrifluoroethane		0.0071	54	D
W-1903	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1903	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1903	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1903	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1903	08/13/25	RTN	1,1-Dichloroethene		0.0028	11	D
W-1903	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1903	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1903	08/13/25	RTN	Bromoform	<	0.002	21	D
W-1903	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1903	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-1903	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1903	08/13/25	RTN	Tetrachloroethene		0.0091	62	D
W-1903	08/13/25	RTN	Trichloroethene		0.076	410	D
W-1903	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1903	08/13/25	RTN	Trichlorotrifluoroethane		0.0037	28	D
W-1903	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1903	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1903	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1903	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1903	10/22/25	RTN	1,1-Dichloroethene		0.0027	11	D
W-1903	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1903	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1903	10/22/25	RTN	Bromoform	<	0.002	21	D
W-1903	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1903	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-1903	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1903	10/22/25	RTN	Tetrachloroethene		0.0066	45	D
W-1903	10/22/25	RTN	Trichloroethene		0.0056	30	D
W-1903	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1903	10/22/25	RTN	Trichlorotrifluoroethane		0.0045	34	D
W-1903	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1903	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1903	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1904	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1904	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1904	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-1904	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1904	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1904	02/11/25	RTN	Bromoform	<	0.002	21	D
W-1904	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1904	02/11/25	RTN	Chloroform	<	0.002	9.8	D
W-1904	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1904	02/11/25	RTN	Tetrachloroethene		0.0032	22	D
W-1904	02/11/25	RTN	Trichloroethene	<	0.002	11	D
W-1904	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1904	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-1904	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1904	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	05/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1904	05/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1904	05/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1904	05/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-1904	05/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1904	05/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1904	05/14/25	RTN	Bromoform	<	0.002	21	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1904	05/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1904	05/14/25	RTN	Chloroform	<	0.002	9.8	D
W-1904	05/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1904	05/14/25	RTN	Tetrachloroethene		0.0021	14	D
W-1904	05/14/25	RTN	Trichloroethene	<	0.002	11	D
W-1904	05/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1904	05/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-1904	05/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1904	05/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	05/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	08/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-1904	08/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-1904	08/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-1904	08/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-1904	08/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-1904	08/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-1904	08/14/25	RTN	Bromoform	<	0.002	21	D
W-1904	08/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-1904	08/14/25	RTN	Chloroform	<	0.002	9.8	D
W-1904	08/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-1904	08/14/25	RTN	Tetrachloroethene	<	0.002	14	D
W-1904	08/14/25	RTN	Trichloroethene	<	0.002	11	D
W-1904	08/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-1904	08/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-1904	08/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-1904	08/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	08/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-1904	10/23/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-1904	10/23/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-1904	10/23/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-1904	10/23/25	RTN	1,1-Dichloroethene	<	0.004	16	D
W-1904	10/23/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-1904	10/23/25	RTN	Bromodichloromethane	<	0.004	27	D
W-1904	10/23/25	RTN	Bromoform	<	0.004	41	D
W-1904	10/23/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-1904	10/23/25	RTN	Chloroform	<	0.004	20	D
W-1904	10/23/25	RTN	Dibromochloromethane	<	0.004	34	D
W-1904	10/23/25	RTN	Tetrachloroethene	<	0.004	27	D
W-1904	10/23/25	RTN	Trichloroethene	<	0.004	21	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-1904	10/23/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-1904	10/23/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-1904	10/23/25	RTN	Vinyl chloride	<	0.004	10	D
W-1904	10/23/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-1904	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-206	04/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-206	04/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-206	04/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-206	04/28/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-206	04/28/25	RTN	1,2-Dichloroethane		0.0023	9.3	D
W-206	04/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-206	04/28/25	RTN	Bromoform	<	0.002	21	D
W-206	04/28/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-206	04/28/25	RTN	Chloroform		0.009	44	D
W-206	04/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-206	04/28/25	RTN	Tetrachloroethene		0.0029	20	D
W-206	04/28/25	RTN	Trichloroethene		0.052	280	D
W-206	04/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-206	04/28/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-206	04/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-206	04/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-206	04/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2105	03/05/25	RTN	1,1,1-Trichloroethane	<	0.002	11	DH
W-2105	03/05/25	RTN	1,1,2-Trichloroethane	<	0.002	11	DH
W-2105	03/05/25	RTN	1,1-Dichloroethane	<	0.002	8.1	DH
W-2105	03/05/25	RTN	1,1-Dichloroethene		0.0031	12	DH
W-2105	03/05/25	RTN	1,2-Dichloroethane	<	0.002	8.1	DH
W-2105	03/05/25	RTN	Bromodichloromethane	<	0.002	13	DH
W-2105	03/05/25	RTN	Bromoform	<	0.002	21	DH
W-2105	03/05/25	RTN	Carbon tetrachloride	<	0.002	13	DH
W-2105	03/05/25	RTN	Chloroform	<	0.002	9.8	DH
W-2105	03/05/25	RTN	Dibromochloromethane	<	0.002	17	DH
W-2105	03/05/25	RTN	Tetrachloroethene		0.0085	58	DH
W-2105	03/05/25	RTN	Trichloroethene		0.084	450	DH
W-2105	03/05/25	RTN	Trichlorofluoromethane	<	0.002	11	DH
W-2105	03/05/25	RTN	Trichlorotrifluoroethane		0.011	84	DH
W-2105	03/05/25	RTN	Vinyl chloride	<	0.002	5.1	DH
W-2105	03/05/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	DH
W-2105	03/05/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	DH

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2105	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2105	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2105	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2105	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2105	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2105	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2105	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2105	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2105	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-2105	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2105	05/13/25	RTN	Tetrachloroethene		0.0028	19	D
W-2105	05/13/25	RTN	Trichloroethene		0.015	81	D
W-2105	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2105	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2105	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2105	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2105	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2105	08/13/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-2105	08/13/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-2105	08/13/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-2105	08/13/25	RTN	1,1-Dichloroethene		0.61	2400	D
W-2105	08/13/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-2105	08/13/25	RTN	Bromodichloromethane	<	0.004	27	D
W-2105	08/13/25	RTN	Bromoform	<	0.004	41	D
W-2105	08/13/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-2105	08/13/25	RTN	Chloroform	<	0.004	20	D
W-2105	08/13/25	RTN	Dibromochloromethane	<	0.004	34	D
W-2105	08/13/25	RTN	Tetrachloroethene		0.45	3100	D
W-2105	08/13/25	RTN	Trichloroethene		0.62	3300	D
W-2105	08/13/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-2105	08/13/25	RTN	Trichlorotrifluoroethane		0.63	4800	D
W-2105	08/13/25	RTN	Vinyl chloride	<	0.004	10	D
W-2105	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-2105	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-2105	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2105	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2105	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2105	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2105	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2105	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2105	10/21/25	RTN	Bromoform	<	0.002	21	D
W-2105	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2105	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-2105	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2105	10/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2105	10/21/25	RTN	Trichloroethene		0.0041	22	D
W-2105	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2105	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2105	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2105	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2105	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-217	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-217	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-217	02/20/25	RTN	1,1-Dichloroethane		0.0021	8.5	D
W-217	02/20/25	RTN	1,1-Dichloroethene		0.14	560	D
W-217	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-217	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-217	02/20/25	RTN	Bromoform	<	0.002	21	D
W-217	02/20/25	RTN	Carbon tetrachloride		0.023	140	D
W-217	02/20/25	RTN	Chloroform		0.025	120	D
W-217	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-217	02/20/25	RTN	Tetrachloroethene		0.065	440	D
W-217	02/20/25	RTN	Trichloroethene		0.36	1900	D
W-217	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-217	02/20/25	RTN	Trichlorotrifluoroethane		0.022	170	D
W-217	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-217	02/20/25	RTN	cis-1,2-Dichloroethene		0.013	52	D
W-217	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-217	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-217	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-217	05/28/25	RTN	1,1-Dichloroethane		0.0026	11	D
W-217	05/28/25	RTN	1,1-Dichloroethene		0.16	630	D
W-217	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-217	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-217	05/28/25	RTN	Bromoform	<	0.002	21	D
W-217	05/28/25	RTN	Carbon tetrachloride		0.03	190	D
W-217	05/28/25	RTN	Chloroform		0.032	160	D
W-217	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-217	05/28/25	RTN	Tetrachloroethene		0.095	640	D
W-217	05/28/25	RTN	Trichloroethene		0.37	2000	D
W-217	05/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-217	05/28/25	RTN	Trichlorotrifluoroethane		0.033	250	D
W-217	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-217	05/28/25	RTN	cis-1,2-Dichloroethene		0.016	63	D
W-217	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-217	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-217	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-217	08/12/25	RTN	1,1-Dichloroethane		0.0027	11	D
W-217	08/12/25	RTN	1,1-Dichloroethene		0.16	630	D
W-217	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-217	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-217	08/12/25	RTN	Bromoform	<	0.002	21	D
W-217	08/12/25	RTN	Carbon tetrachloride		0.032	200	D
W-217	08/12/25	RTN	Chloroform		0.033	160	D
W-217	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-217	08/12/25	RTN	Tetrachloroethene		0.096	650	D
W-217	08/12/25	RTN	Trichloroethene		0.4	2100	D
W-217	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-217	08/12/25	RTN	Trichlorotrifluoroethane		0.036	280	D
W-217	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-217	08/12/25	RTN	cis-1,2-Dichloroethene		0.015	59	D
W-217	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-217	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-217	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-217	10/21/25	RTN	1,1-Dichloroethane		0.0023	9.3	D
W-217	10/21/25	RTN	1,1-Dichloroethene		0.14	560	D
W-217	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-217	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-217	10/21/25	RTN	Bromoform	<	0.002	21	D
W-217	10/21/25	RTN	Carbon tetrachloride		0.024	150	D
W-217	10/21/25	RTN	Chloroform		0.031	150	D
W-217	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-217	10/21/25	RTN	Tetrachloroethene		0.076	520	D
W-217	10/21/25	RTN	Trichloroethene		0.28	1500	D
W-217	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-217	10/21/25	RTN	Trichlorotrifluoroethane		0.024	180	D
W-217	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-217	10/21/25	RTN	cis-1,2-Dichloroethene		0.014	56	D
W-217	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2204	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2204	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2204	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2204	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2204	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2204	02/11/25	RTN	Bromoform	<	0.002	21	D
W-2204	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2204	02/11/25	RTN	Chloroform	<	0.002	9.8	D
W-2204	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2204	02/11/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2204	02/11/25	RTN	Trichloroethene		0.011	59	D
W-2204	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2204	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2204	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2204	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2204	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2204	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2204	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2204	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2204	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2204	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2204	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2204	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-2204	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2204	05/13/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2204	05/13/25	RTN	Trichloroethene		0.0064	34	D
W-2204	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2204	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2204	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2204	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2204	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2204	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2204	08/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2204	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2204	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2204	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2204	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2204	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-2204	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2204	08/12/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2204	08/12/25	RTN	Trichloroethene		0.0046	25	D
W-2204	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2204	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2204	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2204	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2204	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2204	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2204	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2204	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2204	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2204	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2204	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2204	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2204	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2204	10/22/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2204	10/22/25	RTN	Trichloroethene	<	0.002	11	D
W-2204	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2204	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2204	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2204	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2204	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2206	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2206	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2206	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2206	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2206	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2206	02/11/25	RTN	Bromoform	<	0.002	21	D
W-2206	02/11/25	RTN	Carbon tetrachloride		0.0021	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2206	02/11/25	RTN	Chloroform	<	0.002	9.8	D
W-2206	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2206	02/11/25	RTN	Tetrachloroethene		0.033	220	D
W-2206	02/11/25	RTN	Trichloroethene		0.2	1100	D
W-2206	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2206	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2206	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2206	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2206	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2206	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2206	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2206	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2206	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2206	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2206	05/13/25	RTN	Carbon tetrachloride		0.0023	14	D
W-2206	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-2206	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2206	05/13/25	RTN	Tetrachloroethene		0.042	280	D
W-2206	05/13/25	RTN	Trichloroethene		0.23	1200	D
W-2206	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2206	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2206	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2206	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2206	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2206	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2206	08/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2206	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2206	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2206	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2206	08/12/25	RTN	Carbon tetrachloride		0.0028	18	D
W-2206	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-2206	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2206	08/12/25	RTN	Tetrachloroethene		0.046	310	D
W-2206	08/12/25	RTN	Trichloroethene		0.24	1300	D
W-2206	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2206	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2206	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2206	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2206	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2206	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2206	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2206	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2206	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2206	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2206	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2206	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2206	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2206	10/22/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2206	10/22/25	RTN	Trichloroethene		0.0048	26	D
W-2206	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2206	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2206	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2206	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2206	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207A	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207A	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207A	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207A	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207A	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207A	02/11/25	RTN	Bromoform	<	0.002	21	D
W-2207A	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207A	02/11/25	RTN	Chloroform	<	0.002	9.8	D
W-2207A	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207A	02/11/25	RTN	Tetrachloroethene		0.0031	21	D
W-2207A	02/11/25	RTN	Trichloroethene		0.058	310	D
W-2207A	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207A	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207A	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207A	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2207A	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207A	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207A	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207A	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207A	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207A	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2207A	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207A	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-2207A	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207A	05/13/25	RTN	Tetrachloroethene		0.0033	22	D
W-2207A	05/13/25	RTN	Trichloroethene		0.058	310	D
W-2207A	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207A	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207A	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207A	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207A	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207A	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207A	08/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207A	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207A	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207A	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2207A	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207A	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-2207A	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207A	08/12/25	RTN	Tetrachloroethene		0.0035	24	D
W-2207A	08/12/25	RTN	Trichloroethene		0.058	310	D
W-2207A	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207A	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207A	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207A	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207A	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207A	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207A	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207A	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207A	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2207A	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2207A	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207A	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2207A	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207A	10/22/25	RTN	Tetrachloroethene		0.0029	20	D
W-2207A	10/22/25	RTN	Trichloroethene		0.052	280	D
W-2207A	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207A	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207A	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207A	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207A	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207B	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207B	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207B	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207B	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207B	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207B	02/11/25	RTN	Bromoform	<	0.002	21	D
W-2207B	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207B	02/11/25	RTN	Chloroform		0.0024	12	D
W-2207B	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207B	02/11/25	RTN	Tetrachloroethene		0.0056	38	D
W-2207B	02/11/25	RTN	Trichloroethene		0.24	1300	D
W-2207B	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207B	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207B	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207B	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207B	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207B	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207B	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207B	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207B	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207B	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2207B	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207B	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-2207B	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207B	05/13/25	RTN	Tetrachloroethene		0.0055	37	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2207B	05/13/25	RTN	Trichloroethene		0.21	1100	D
W-2207B	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207B	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207B	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207B	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207B	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207B	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207B	08/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207B	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207B	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207B	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2207B	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207B	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-2207B	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207B	08/12/25	RTN	Tetrachloroethene		0.0059	40	D
W-2207B	08/12/25	RTN	Trichloroethene		0.19	1000	D
W-2207B	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207B	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207B	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207B	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2207B	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2207B	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2207B	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2207B	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2207B	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2207B	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2207B	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2207B	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2207B	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2207B	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2207B	10/22/25	RTN	Tetrachloroethene		0.0046	31	D
W-2207B	10/22/25	RTN	Trichloroethene		0.18	970	D
W-2207B	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2207B	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2207B	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2207B	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2207B	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2208A	02/11/25	RTN	1,1,2-Trichloroethane		0.003	16	D
W-2208A	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2208A	02/11/25	RTN	1,1-Dichloroethene		0.0082	33	D
W-2208A	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2208A	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2208A	02/11/25	RTN	Bromoform	<	0.002	21	D
W-2208A	02/11/25	RTN	Carbon tetrachloride		0.0051	32	D
W-2208A	02/11/25	RTN	Chloroform		0.0037	18	D
W-2208A	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2208A	02/11/25	RTN	Tetrachloroethene		0.01	68	D
W-2208A	02/11/25	RTN	Trichloroethene		0.38	2000	D
W-2208A	02/11/25	RTN	Trichlorofluoromethane		0.0053	30	D
W-2208A	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2208A	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2208A	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2208A	05/13/25	RTN	1,1,2-Trichloroethane		0.0021	11	D
W-2208A	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2208A	05/13/25	RTN	1,1-Dichloroethene		0.0095	38	D
W-2208A	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2208A	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2208A	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2208A	05/13/25	RTN	Carbon tetrachloride		0.0054	34	D
W-2208A	05/13/25	RTN	Chloroform		0.0037	18	D
W-2208A	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2208A	05/13/25	RTN	Tetrachloroethene		0.012	81	D
W-2208A	05/13/25	RTN	Trichloroethene		0.39	2100	D
W-2208A	05/13/25	RTN	Trichlorofluoromethane		0.0064	36	D
W-2208A	05/13/25	RTN	Trichlorotrifluoroethane		0.0027	21	D
W-2208A	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2208A	05/13/25	RTN	cis-1,2-Dichloroethene		0.002	7.9	D
W-2208A	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2208A	08/12/25	RTN	1,1,2-Trichloroethane		0.0021	11	D
W-2208A	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2208A	08/12/25	RTN	1,1-Dichloroethene		0.01	40	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2208A	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2208A	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2208A	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2208A	08/12/25	RTN	Carbon tetrachloride		0.0062	39	D
W-2208A	08/12/25	RTN	Chloroform		0.0043	21	D
W-2208A	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2208A	08/12/25	RTN	Tetrachloroethene		0.012	81	D
W-2208A	08/12/25	RTN	Trichloroethene		0.41	2200	D
W-2208A	08/12/25	RTN	Trichlorofluoromethane		0.0077	43	D
W-2208A	08/12/25	RTN	Trichlorotrifluoroethane		0.0024	18	D
W-2208A	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2208A	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2208A	10/22/25	RTN	1,1,2-Trichloroethane		0.002	11	D
W-2208A	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2208A	10/22/25	RTN	1,1-Dichloroethene		0.0084	33	D
W-2208A	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2208A	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2208A	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2208A	10/22/25	RTN	Carbon tetrachloride		0.0047	30	D
W-2208A	10/22/25	RTN	Chloroform		0.0037	18	D
W-2208A	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2208A	10/22/25	RTN	Tetrachloroethene		0.0091	62	D
W-2208A	10/22/25	RTN	Trichloroethene		0.35	1900	D
W-2208A	10/22/25	RTN	Trichlorofluoromethane		0.0072	40	D
W-2208A	10/22/25	RTN	Trichlorotrifluoroethane		0.0024	18	D
W-2208A	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2208A	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2208A	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2208B	02/11/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-2208B	02/11/25	RTN	1,1,2-Trichloroethane		0.0071	39	D
W-2208B	02/11/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-2208B	02/11/25	RTN	1,1-Dichloroethene		0.031	120	D
W-2208B	02/11/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-2208B	02/11/25	RTN	Bromodichloromethane	<	0.004	27	D
W-2208B	02/11/25	RTN	Bromoform	<	0.004	41	D
W-2208B	02/11/25	RTN	Carbon tetrachloride		0.009	57	D
W-2208B	02/11/25	RTN	Chloroform		0.0077	38	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2208B	02/11/25	RTN	Dibromochloromethane	<	0.004	34	D
W-2208B	02/11/25	RTN	Tetrachloroethene		0.031	210	D
W-2208B	02/11/25	RTN	Trichloroethene		0.75	4000	D
W-2208B	02/11/25	RTN	Trichlorofluoromethane		0.013	73	D
W-2208B	02/11/25	RTN	Trichlorotrifluoroethane		0.0073	56	D
W-2208B	02/11/25	RTN	Vinyl chloride	<	0.004	10	D
W-2208B	02/11/25	RTN	cis-1,2-Dichloroethene		0.0088	35	D
W-2208B	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-2208B	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2208B	05/13/25	RTN	1,1,2-Trichloroethane		0.007	38	D
W-2208B	05/13/25	RTN	1,1-Dichloroethane		0.0024	9.7	D
W-2208B	05/13/25	RTN	1,1-Dichloroethene		0.035	140	D
W-2208B	05/13/25	RTN	1,2-Dichloroethane		0.0027	11	D
W-2208B	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2208B	05/13/25	RTN	Bromoform	<	0.002	21	D
W-2208B	05/13/25	RTN	Carbon tetrachloride		0.0099	62	D
W-2208B	05/13/25	RTN	Chloroform		0.0079	39	D
W-2208B	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2208B	05/13/25	RTN	Tetrachloroethene		0.035	240	D
W-2208B	05/13/25	RTN	Trichloroethene		0.8	4300	D
W-2208B	05/13/25	RTN	Trichlorofluoromethane		0.015	84	D
W-2208B	05/13/25	RTN	Trichlorotrifluoroethane		0.012	92	D
W-2208B	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2208B	05/13/25	RTN	cis-1,2-Dichloroethene		0.0095	38	D
W-2208B	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2208B	08/12/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-2208B	08/12/25	RTN	1,1,2-Trichloroethane		0.0073	40	D
W-2208B	08/12/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-2208B	08/12/25	RTN	1,1-Dichloroethene		0.034	130	D
W-2208B	08/12/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-2208B	08/12/25	RTN	Bromodichloromethane	<	0.004	27	D
W-2208B	08/12/25	RTN	Bromoform	<	0.004	41	D
W-2208B	08/12/25	RTN	Carbon tetrachloride		0.0098	62	D
W-2208B	08/12/25	RTN	Chloroform		0.0081	40	D
W-2208B	08/12/25	RTN	Dibromochloromethane	<	0.004	34	D
W-2208B	08/12/25	RTN	Tetrachloroethene		0.032	220	D
W-2208B	08/12/25	RTN	Trichloroethene		0.79	4200	D
W-2208B	08/12/25	RTN	Trichlorofluoromethane		0.014	79	D
W-2208B	08/12/25	RTN	Trichlorotrifluoroethane		0.01	77	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2208B	08/12/25	RTN	Vinyl chloride	<	0.004	10	D
W-2208B	08/12/25	RTN	cis-1,2-Dichloroethene		0.0079	31	D
W-2208B	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-2208B	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2208B	10/22/25	RTN	1,1,2-Trichloroethane		0.0055	30	D
W-2208B	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2208B	10/22/25	RTN	1,1-Dichloroethene		0.026	100	D
W-2208B	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2208B	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2208B	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2208B	10/22/25	RTN	Carbon tetrachloride		0.0071	45	D
W-2208B	10/22/25	RTN	Chloroform		0.0062	30	D
W-2208B	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2208B	10/22/25	RTN	Tetrachloroethene		0.024	160	D
W-2208B	10/22/25	RTN	Trichloroethene		0.58	3100	D
W-2208B	10/22/25	RTN	Trichlorofluoromethane		0.011	62	D
W-2208B	10/22/25	RTN	Trichlorotrifluoroethane		0.0089	68	D
W-2208B	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2208B	10/22/25	RTN	cis-1,2-Dichloroethene		0.0052	21	D
W-2208B	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2211	05/01/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2211	05/01/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2211	05/01/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2211	05/01/25	RTN	1,1-Dichloroethene		0.0026	10	D
W-2211	05/01/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2211	05/01/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2211	05/01/25	RTN	Bromoform	<	0.002	21	D
W-2211	05/01/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2211	05/01/25	RTN	Chloroform		0.0066	32	D
W-2211	05/01/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2211	05/01/25	RTN	Tetrachloroethene		0.0036	24	D
W-2211	05/01/25	RTN	Trichloroethene		0.027	150	D
W-2211	05/01/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2211	05/01/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2211	05/01/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2211	05/01/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2211	05/01/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2211	05/01/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-2211	05/01/25	DUP	1,1,2-Trichloroethane	<	0.005	27	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2211	05/01/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-2211	05/01/25	DUP	1,1-Dichloroethene	<	0.005	20	E
W-2211	05/01/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-2211	05/01/25	DUP	Bromodichloromethane	<	0.005	33	
W-2211	05/01/25	DUP	Bromoform	<	0.005	52	
W-2211	05/01/25	DUP	Carbon tetrachloride	<	0.005	31	
W-2211	05/01/25	DUP	Chloroform		0.0084	41	
W-2211	05/01/25	DUP	Dibromochloromethane	<	0.005	43	
W-2211	05/01/25	DUP	Tetrachloroethene		0.0059	40	
W-2211	05/01/25	DUP	Trichloroethene		0.041	220	
W-2211	05/01/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-2211	05/01/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
W-2211	05/01/25	DUP	Vinyl chloride	<	0.005	13	
W-2211	05/01/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-2211	05/01/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-2211	12/02/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2211	12/02/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2211	12/02/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2211	12/02/25	RTN	1,1-Dichloroethene		0.038	150	D
W-2211	12/02/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2211	12/02/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2211	12/02/25	RTN	Bromoform	<	0.002	21	D
W-2211	12/02/25	RTN	Carbon tetrachloride		0.0024	15	D
W-2211	12/02/25	RTN	Chloroform		0.056	270	D
W-2211	12/02/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2211	12/02/25	RTN	Tetrachloroethene		0.037	250	D
W-2211	12/02/25	RTN	Trichloroethene		0.25	1300	D
W-2211	12/02/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2211	12/02/25	RTN	Trichlorotrifluoroethane		0.0065	50	D
W-2211	12/02/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2211	12/02/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2211	12/02/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2212	12/04/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2212	12/04/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2212	12/04/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2212	12/04/25	RTN	1,1-Dichloroethene		0.0055	22	D
W-2212	12/04/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2212	12/04/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2212	12/04/25	RTN	Bromoform	<	0.002	21	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2212	12/04/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2212	12/04/25	RTN	Chloroform		0.0081	40	D
W-2212	12/04/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2212	12/04/25	RTN	Tetrachloroethene		0.0033	22	D
W-2212	12/04/25	RTN	Trichloroethene		0.028	150	D
W-2212	12/04/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2212	12/04/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2212	12/04/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2212	12/04/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2212	12/04/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2212	12/04/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-2212	12/04/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-2212	12/04/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-2212	12/04/25	DUP	1,1-Dichloroethene		0.0066	26	
W-2212	12/04/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-2212	12/04/25	DUP	Bromodichloromethane	<	0.005	33	
W-2212	12/04/25	DUP	Bromoform	<	0.005	52	
W-2212	12/04/25	DUP	Carbon tetrachloride	<	0.005	31	
W-2212	12/04/25	DUP	Chloroform		0.0086	42	
W-2212	12/04/25	DUP	Dibromochloromethane	<	0.005	43	
W-2212	12/04/25	DUP	Tetrachloroethene	<	0.005	34	E
W-2212	12/04/25	DUP	Trichloroethene		0.031	170	
W-2212	12/04/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-2212	12/04/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
W-2212	12/04/25	DUP	Vinyl chloride	<	0.005	13	
W-2212	12/04/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-2212	12/04/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-2215A	02/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215A	02/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215A	02/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215A	02/24/25	RTN	1,1-Dichloroethene		0.0023	9.1	D
W-2215A	02/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215A	02/24/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215A	02/24/25	RTN	Bromoform	<	0.002	21	D
W-2215A	02/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215A	02/24/25	RTN	Chloroform		0.0043	21	D
W-2215A	02/24/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215A	02/24/25	RTN	Tetrachloroethene		0.029	200	D
W-2215A	02/24/25	RTN	Trichloroethene		0.27	1500	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2215A	02/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215A	02/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2215A	02/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215A	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215A	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2215A	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215A	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215A	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215A	05/28/25	RTN	1,1-Dichloroethene		0.0022	8.7	D
W-2215A	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215A	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215A	05/28/25	RTN	Bromoform	<	0.002	21	D
W-2215A	05/28/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215A	05/28/25	RTN	Chloroform		0.0034	17	D
W-2215A	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215A	05/28/25	RTN	Tetrachloroethene		0.0045	31	D
W-2215A	05/28/25	RTN	Trichloroethene		0.22	1200	D
W-2215A	05/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215A	05/28/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2215A	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215A	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215A	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2215A	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215A	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215A	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215A	08/12/25	RTN	1,1-Dichloroethene		0.0027	11	D
W-2215A	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215A	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215A	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2215A	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215A	08/12/25	RTN	Chloroform		0.0039	19	D
W-2215A	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215A	08/12/25	RTN	Tetrachloroethene		0.0049	33	D
W-2215A	08/12/25	RTN	Trichloroethene		0.26	1400	D
W-2215A	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215A	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2215A	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215A	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215A	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2215A	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215A	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215A	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215A	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2215A	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215A	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215A	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2215A	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215A	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2215A	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215A	10/22/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2215A	10/22/25	RTN	Trichloroethene	<	0.002	11	D
W-2215A	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215A	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2215A	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215A	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215A	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	02/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215B	02/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215B	02/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215B	02/24/25	RTN	1,1-Dichloroethene		0.02	79	D
W-2215B	02/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215B	02/24/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215B	02/24/25	RTN	Bromoform	<	0.002	21	D
W-2215B	02/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215B	02/24/25	RTN	Chloroform	<	0.002	9.8	D
W-2215B	02/24/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215B	02/24/25	RTN	Tetrachloroethene		0.013	88	D
W-2215B	02/24/25	RTN	Trichloroethene		0.1	540	D
W-2215B	02/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215B	02/24/25	RTN	Trichlorotrifluoroethane		0.027	210	D
W-2215B	02/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215B	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215B	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215B	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215B	05/28/25	RTN	1,1-Dichloroethene		0.011	44	D
W-2215B	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2215B	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215B	05/28/25	RTN	Bromoform	<	0.002	21	D
W-2215B	05/28/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215B	05/28/25	RTN	Chloroform	<	0.002	9.8	D
W-2215B	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215B	05/28/25	RTN	Tetrachloroethene		0.0065	44	D
W-2215B	05/28/25	RTN	Trichloroethene		0.062	330	D
W-2215B	05/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215B	05/28/25	RTN	Trichlorotrifluoroethane		0.013	100	D
W-2215B	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215B	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215B	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215B	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215B	08/12/25	RTN	1,1-Dichloroethene		0.012	48	D
W-2215B	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215B	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215B	08/12/25	RTN	Bromoform	<	0.002	21	D
W-2215B	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215B	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-2215B	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2215B	08/12/25	RTN	Tetrachloroethene		0.0058	39	D
W-2215B	08/12/25	RTN	Trichloroethene		0.058	310	D
W-2215B	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215B	08/12/25	RTN	Trichlorotrifluoroethane		0.016	120	D
W-2215B	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215B	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2215B	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2215B	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2215B	10/22/25	RTN	1,1-Dichloroethene		0.026	100	D
W-2215B	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2215B	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2215B	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2215B	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2215B	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2215B	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2215B	10/22/25	RTN	Tetrachloroethene		0.021	140	D
W-2215B	10/22/25	RTN	Trichloroethene		0.1	540	D
W-2215B	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2215B	10/22/25	RTN	Trichlorotrifluoroethane		0.033	250	D
W-2215B	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2215B	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2215B	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2216A	04/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2216A	04/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2216A	04/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2216A	04/28/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2216A	04/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2216A	04/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2216A	04/28/25	RTN	Bromoform	<	0.002	21	D
W-2216A	04/28/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2216A	04/28/25	RTN	Chloroform	<	0.002	9.8	D
W-2216A	04/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2216A	04/28/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2216A	04/28/25	RTN	Trichloroethene	<	0.002	11	D
W-2216A	04/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2216A	04/28/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2216A	04/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2216A	04/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2216A	04/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2216B	04/28/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-2216B	04/28/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-2216B	04/28/25	RTN	1,1-Dichloroethane		0.0066	27	D
W-2216B	04/28/25	RTN	1,1-Dichloroethene		0.056	220	D
W-2216B	04/28/25	RTN	1,2-Dichloroethane		0.0041	17	D
W-2216B	04/28/25	RTN	Bromodichloromethane	<	0.004	27	D
W-2216B	04/28/25	RTN	Bromoform	<	0.004	41	D
W-2216B	04/28/25	RTN	Carbon tetrachloride		0.012	75	D
W-2216B	04/28/25	RTN	Chloroform		0.21	1000	D
W-2216B	04/28/25	RTN	Dibromochloromethane	<	0.004	34	D
W-2216B	04/28/25	RTN	Tetrachloroethene		0.096	650	D
W-2216B	04/28/25	RTN	Trichloroethene		1.4	7500	D
W-2216B	04/28/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-2216B	04/28/25	RTN	Trichlorotrifluoroethane		0.052	400	D
W-2216B	04/28/25	RTN	Vinyl chloride	<	0.004	10	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2216B	04/28/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-2216B	04/28/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-2216B	12/02/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2216B	12/02/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2216B	12/02/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2216B	12/02/25	RTN	1,1-Dichloroethene		0.0031	12	D
W-2216B	12/02/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2216B	12/02/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2216B	12/02/25	RTN	Bromoform	<	0.002	21	D
W-2216B	12/02/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2216B	12/02/25	RTN	Chloroform		0.013	63	D
W-2216B	12/02/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2216B	12/02/25	RTN	Tetrachloroethene		0.0062	42	D
W-2216B	12/02/25	RTN	Trichloroethene		0.089	480	D
W-2216B	12/02/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2216B	12/02/25	RTN	Trichlorotrifluoroethane		0.0045	34	D
W-2216B	12/02/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2216B	12/02/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2216B	12/02/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2305	02/12/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-2305	02/12/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-2305	02/12/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-2305	02/12/25	RTN	1,1-Dichloroethene		1.4	5600	D
W-2305	02/12/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-2305	02/12/25	RTN	Bromodichloromethane	<	0.004	27	D
W-2305	02/12/25	RTN	Bromoform	<	0.004	41	D
W-2305	02/12/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-2305	02/12/25	RTN	Chloroform	<	0.004	20	D
W-2305	02/12/25	RTN	Dibromochloromethane	<	0.004	34	D
W-2305	02/12/25	RTN	Tetrachloroethene		1.3	8800	D
W-2305	02/12/25	RTN	Trichloroethene		1.6	8600	D
W-2305	02/12/25	RTN	Trichlorofluoromethane		0.0064	36	D
W-2305	02/12/25	RTN	Trichlorotrifluoroethane		1.3	10000	D
W-2305	02/12/25	RTN	Vinyl chloride	<	0.004	10	D
W-2305	02/12/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-2305	02/12/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-2305	05/13/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-2305	05/13/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-2305	05/13/25	RTN	1,1-Dichloroethane	<	0.004	16	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2305	05/13/25	RTN	1,1-Dichloroethene		0.94	3700	D
W-2305	05/13/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-2305	05/13/25	RTN	Bromodichloromethane	<	0.004	27	D
W-2305	05/13/25	RTN	Bromoform	<	0.004	41	D
W-2305	05/13/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-2305	05/13/25	RTN	Chloroform	<	0.004	20	D
W-2305	05/13/25	RTN	Dibromochloromethane	<	0.004	34	D
W-2305	05/13/25	RTN	Tetrachloroethene		1.1	7500	D
W-2305	05/13/25	RTN	Trichloroethene		1.2	6400	D
W-2305	05/13/25	RTN	Trichlorofluoromethane		0.0041	23	D
W-2305	05/13/25	RTN	Trichlorotrifluoroethane		0.94	7200	D
W-2305	05/13/25	RTN	Vinyl chloride	<	0.004	10	D
W-2305	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-2305	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-2305	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2305	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2305	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2305	08/13/25	RTN	1,1-Dichloroethene		0.0027	11	D
W-2305	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2305	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2305	08/13/25	RTN	Bromoform	<	0.002	21	D
W-2305	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2305	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-2305	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2305	08/13/25	RTN	Tetrachloroethene		0.0071	48	D
W-2305	08/13/25	RTN	Trichloroethene		0.0039	21	D
W-2305	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2305	08/13/25	RTN	Trichlorotrifluoroethane		0.0046	35	D
W-2305	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2305	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2305	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2305	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2305	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2305	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2305	10/22/25	RTN	1,1-Dichloroethene		0.15	590	D
W-2305	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2305	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2305	10/22/25	RTN	Bromoform	<	0.002	21	D
W-2305	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2305	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-2305	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2305	10/22/25	RTN	Tetrachloroethene		0.11	750	D
W-2305	10/22/25	RTN	Trichloroethene		0.17	910	D
W-2305	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2305	10/22/25	RTN	Trichlorotrifluoroethane		0.089	680	D
W-2305	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2305	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2305	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-255	12/08/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-255	12/08/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-255	12/08/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-255	12/08/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-255	12/08/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-255	12/08/25	RTN	Bromodichloromethane	<	0.002	13	D
W-255	12/08/25	RTN	Bromoform	<	0.002	21	D
W-255	12/08/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-255	12/08/25	RTN	Chloroform	<	0.002	9.8	D
W-255	12/08/25	RTN	Dibromochloromethane	<	0.002	17	D
W-255	12/08/25	RTN	Tetrachloroethene		0.0086	58	D
W-255	12/08/25	RTN	Trichloroethene		0.0093	50	D
W-255	12/08/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-255	12/08/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-255	12/08/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-255	12/08/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-255	12/08/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2604A	11/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2604A	11/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2604A	11/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2604A	11/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2604A	11/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2604A	11/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2604A	11/12/25	RTN	Bromoform	<	0.002	21	D
W-2604A	11/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2604A	11/12/25	RTN	Chloroform	<	0.002	9.8	D
W-2604A	11/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2604A	11/12/25	RTN	Tetrachloroethene		0.0045	31	D
W-2604A	11/12/25	RTN	Trichloroethene		0.0021	11	D
W-2604A	11/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2604A	11/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2604A	11/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2604A	11/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2604A	11/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2605B	04/30/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2605B	04/30/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2605B	04/30/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2605B	04/30/25	RTN	1,1-Dichloroethene		0.003	12	D
W-2605B	04/30/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2605B	04/30/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2605B	04/30/25	RTN	Bromoform	<	0.002	21	D
W-2605B	04/30/25	RTN	Carbon tetrachloride		0.0037	23	D
W-2605B	04/30/25	RTN	Chloroform		0.009	44	D
W-2605B	04/30/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2605B	04/30/25	RTN	Tetrachloroethene		0.1	680	D
W-2605B	04/30/25	RTN	Trichloroethene		0.24	1300	D
W-2605B	04/30/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2605B	04/30/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2605B	04/30/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2605B	04/30/25	RTN	cis-1,2-Dichloroethene		0.0062	25	D
W-2605B	04/30/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2605B	04/30/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-2605B	04/30/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-2605B	04/30/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-2605B	04/30/25	DUP	1,1-Dichloroethene	<	0.005	20	
W-2605B	04/30/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-2605B	04/30/25	DUP	Bromodichloromethane	<	0.005	33	
W-2605B	04/30/25	DUP	Bromoform	<	0.005	52	
W-2605B	04/30/25	DUP	Carbon tetrachloride	<	0.005	31	
W-2605B	04/30/25	DUP	Chloroform	<	0.005	24	
W-2605B	04/30/25	DUP	Dibromochloromethane	<	0.005	43	
W-2605B	04/30/25	DUP	Tetrachloroethene		0.056	380	
W-2605B	04/30/25	DUP	Trichloroethene		0.14	750	
W-2605B	04/30/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-2605B	04/30/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
W-2605B	04/30/25	DUP	Vinyl chloride	<	0.005	13	
W-2605B	04/30/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-2605B	04/30/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-2606	03/13/25	RTN	1,1,1-Trichloroethane	<	0.005	27	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2606	03/13/25	RTN	1,1,2-Trichloroethane	<	0.005	27	
W-2606	03/13/25	RTN	1,1-Dichloroethane	<	0.005	20	
W-2606	03/13/25	RTN	1,1-Dichloroethene	<	0.005	20	
W-2606	03/13/25	RTN	1,2-Dichloroethane	<	0.005	20	
W-2606	03/13/25	RTN	Bromodichloromethane	<	0.005	33	
W-2606	03/13/25	RTN	Bromoform	<	0.005	52	
W-2606	03/13/25	RTN	Carbon tetrachloride	<	0.005	31	
W-2606	03/13/25	RTN	Chloroform	<	0.005	24	
W-2606	03/13/25	RTN	Dibromochloromethane	<	0.005	43	
W-2606	03/13/25	RTN	Tetrachloroethene	<	0.005	34	
W-2606	03/13/25	RTN	Trichloroethene	<	0.005	27	
W-2606	03/13/25	RTN	Trichlorofluoromethane	<	0.005	28	
W-2606	03/13/25	RTN	Trichlorotrifluoroethane	<	0.005	38	
W-2606	03/13/25	RTN	Vinyl chloride	<	0.005	13	
W-2606	03/13/25	RTN	cis-1,2-Dichloroethene	<	0.005	20	
W-2606	03/13/25	RTN	trans-1,2-Dichloroethene	<	0.005	20	
W-2607	03/13/25	RTN	1,1,1-Trichloroethane	<	0.005	27	
W-2607	03/13/25	RTN	1,1,2-Trichloroethane	<	0.005	27	
W-2607	03/13/25	RTN	1,1-Dichloroethane	<	0.005	20	
W-2607	03/13/25	RTN	1,1-Dichloroethene	<	0.005	20	
W-2607	03/13/25	RTN	1,2-Dichloroethane	<	0.005	20	
W-2607	03/13/25	RTN	Bromodichloromethane	<	0.005	33	
W-2607	03/13/25	RTN	Bromoform	<	0.005	52	
W-2607	03/13/25	RTN	Carbon tetrachloride	<	0.005	31	
W-2607	03/13/25	RTN	Chloroform	<	0.005	24	
W-2607	03/13/25	RTN	Dibromochloromethane	<	0.005	43	
W-2607	03/13/25	RTN	Tetrachloroethene	<	0.005	34	
W-2607	03/13/25	RTN	Trichloroethene	<	0.005	27	
W-2607	03/13/25	RTN	Trichlorofluoromethane	<	0.005	28	
W-2607	03/13/25	RTN	Trichlorotrifluoroethane	<	0.005	38	
W-2607	03/13/25	RTN	Vinyl chloride	<	0.005	13	
W-2607	03/13/25	RTN	cis-1,2-Dichloroethene	<	0.005	20	
W-2607	03/13/25	RTN	trans-1,2-Dichloroethene	<	0.005	20	
W-2607	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-2607	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-2607	09/29/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-2607	09/29/25	DUP	1,1-Dichloroethene	<	0.005	20	
W-2607	09/29/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-2607	09/29/25	DUP	Bromodichloromethane	<	0.005	33	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2607	09/29/25	DUP	Bromoform	<	0.005	52	
W-2607	09/29/25	DUP	Carbon tetrachloride	<	0.005	31	
W-2607	09/29/25	DUP	Chloroform	<	0.005	24	
W-2607	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
W-2607	09/29/25	DUP	Tetrachloroethene	<	0.005	34	
W-2607	09/29/25	DUP	Trichloroethene	<	0.005	27	E
W-2607	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-2607	09/29/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
W-2607	09/29/25	DUP	Vinyl chloride	<	0.005	13	
W-2607	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-2607	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-2607	09/29/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2607	09/29/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2607	09/29/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2607	09/29/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2607	09/29/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2607	09/29/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2607	09/29/25	RTN	Bromoform	<	0.002	21	D
W-2607	09/29/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2607	09/29/25	RTN	Chloroform	<	0.002	9.8	D
W-2607	09/29/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2607	09/29/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2607	09/29/25	RTN	Trichloroethene	<	0.002	11	D
W-2607	09/29/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2607	09/29/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2607	09/29/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2607	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2607	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2618	01/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2618	01/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2618	01/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2618	01/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2618	01/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2618	01/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2618	01/21/25	RTN	Bromoform	<	0.002	21	D
W-2618	01/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2618	01/21/25	RTN	Chloroform	<	0.002	9.8	D
W-2618	01/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2618	01/21/25	RTN	Tetrachloroethene		0.0043	29	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2618	01/21/25	RTN	Trichloroethene		0.0087	47	D
W-2618	01/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2618	01/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2618	01/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2618	01/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2618	01/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2619	01/16/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2619	01/16/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2619	01/16/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2619	01/16/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2619	01/16/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2619	01/16/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2619	01/16/25	RTN	Bromoform	<	0.002	21	D
W-2619	01/16/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2619	01/16/25	RTN	Chloroform	<	0.002	9.8	D
W-2619	01/16/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2619	01/16/25	RTN	Tetrachloroethene		0.0053	36	D
W-2619	01/16/25	RTN	Trichloroethene		0.007	38	D
W-2619	01/16/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2619	01/16/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2619	01/16/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2619	01/16/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2619	01/16/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2620A	01/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2620A	01/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2620A	01/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2620A	01/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2620A	01/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2620A	01/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2620A	01/21/25	RTN	Bromoform	<	0.002	21	D
W-2620A	01/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2620A	01/21/25	RTN	Chloroform	<	0.002	9.8	D
W-2620A	01/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2620A	01/21/25	RTN	Tetrachloroethene		0.0022	15	D
W-2620A	01/21/25	RTN	Trichloroethene		0.012	64	D
W-2620A	01/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2620A	01/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2620A	01/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2620A	01/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2620A	01/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2621	01/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2621	01/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2621	01/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2621	01/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2621	01/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2621	01/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2621	01/21/25	RTN	Bromoform	<	0.002	21	D
W-2621	01/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2621	01/21/25	RTN	Chloroform	<	0.002	9.8	D
W-2621	01/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2621	01/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-2621	01/21/25	RTN	Trichloroethene	<	0.002	11	D
W-2621	01/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2621	01/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2621	01/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2621	01/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2621	01/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2622	01/16/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2622	01/16/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2622	01/16/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2622	01/16/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-2622	01/16/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2622	01/16/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2622	01/16/25	RTN	Bromoform	<	0.002	21	D
W-2622	01/16/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2622	01/16/25	RTN	Chloroform	<	0.002	9.8	D
W-2622	01/16/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2622	01/16/25	RTN	Tetrachloroethene		0.017	120	D
W-2622	01/16/25	RTN	Trichloroethene		0.024	130	D
W-2622	01/16/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2622	01/16/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2622	01/16/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2622	01/16/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2622	01/16/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-2623	01/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-2623	01/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-2623	01/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-2623	01/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-2623	01/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-2623	01/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-2623	01/21/25	RTN	Bromoform	<	0.002	21	D
W-2623	01/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-2623	01/21/25	RTN	Chloroform	<	0.002	9.8	D
W-2623	01/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-2623	01/21/25	RTN	Tetrachloroethene		0.0064	43	D
W-2623	01/21/25	RTN	Trichloroethene		0.0086	46	D
W-2623	01/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-2623	01/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-2623	01/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-2623	01/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-2623	01/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	02/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3201	02/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3201	02/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3201	02/24/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3201	02/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3201	02/24/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3201	02/24/25	RTN	Bromoform	<	0.002	21	D
W-3201	02/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3201	02/24/25	RTN	Chloroform	<	0.002	9.8	D
W-3201	02/24/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3201	02/24/25	RTN	Tetrachloroethene		0.01	68	D
W-3201	02/24/25	RTN	Trichloroethene		0.045	240	D
W-3201	02/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3201	02/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-3201	02/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3201	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3201	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3201	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3201	05/28/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3201	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3201	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3201	05/28/25	RTN	Bromoform	<	0.002	21	D
W-3201	05/28/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3201	05/28/25	RTN	Chloroform	<	0.002	9.8	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3201	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3201	05/28/25	RTN	Tetrachloroethene		0.026	180	D
W-3201	05/28/25	RTN	Trichloroethene		0.05	270	D
W-3201	05/28/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3201	05/28/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-3201	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3201	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3201	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3201	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3201	08/12/25	RTN	1,1-Dichloroethene		0.0025	9.9	D
W-3201	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3201	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3201	08/12/25	RTN	Bromoform	<	0.002	21	D
W-3201	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3201	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-3201	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3201	08/12/25	RTN	Tetrachloroethene		0.017	120	D
W-3201	08/12/25	RTN	Trichloroethene		0.06	320	D
W-3201	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3201	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-3201	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3201	08/12/25	RTN	cis-1,2-Dichloroethene		0.008	32	D
W-3201	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3201	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3201	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3201	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3201	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3201	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3201	10/22/25	RTN	Bromoform	<	0.002	21	D
W-3201	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3201	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-3201	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3201	10/22/25	RTN	Tetrachloroethene		0.0032	22	D
W-3201	10/22/25	RTN	Trichloroethene		0.0075	40	D
W-3201	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3201	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3201	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3201	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3201	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3202	02/24/25	RTN	1,1,1-Trichloroethane	<	0.01	55	D
W-3202	02/24/25	RTN	1,1,2-Trichloroethane	<	0.01	55	D
W-3202	02/24/25	RTN	1,1-Dichloroethane	<	0.01	40	D
W-3202	02/24/25	RTN	1,1-Dichloroethene		0.056	220	D
W-3202	02/24/25	RTN	1,2-Dichloroethane	<	0.01	40	D
W-3202	02/24/25	RTN	Bromodichloromethane	<	0.01	67	D
W-3202	02/24/25	RTN	Bromoform	<	0.01	100	D
W-3202	02/24/25	RTN	Carbon tetrachloride	<	0.01	63	D
W-3202	02/24/25	RTN	Chloroform	<	0.01	49	D
W-3202	02/24/25	RTN	Dibromochloromethane	<	0.01	85	D
W-3202	02/24/25	RTN	Tetrachloroethene		0.33	2200	D
W-3202	02/24/25	RTN	Trichloroethene		1.4	7500	D
W-3202	02/24/25	RTN	Trichlorofluoromethane	<	0.01	56	D
W-3202	02/24/25	RTN	Trichlorotrifluoroethane		0.041	310	D
W-3202	02/24/25	RTN	Vinyl chloride	<	0.01	26	D
W-3202	02/24/25	RTN	cis-1,2-Dichloroethene		0.54	2100	D
W-3202	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.01	40	D
W-3202	05/28/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-3202	05/28/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-3202	05/28/25	RTN	1,1-Dichloroethane		0.0082	33	D
W-3202	05/28/25	RTN	1,1-Dichloroethene		0.056	220	D
W-3202	05/28/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-3202	05/28/25	RTN	Bromodichloromethane	<	0.004	27	D
W-3202	05/28/25	RTN	Bromoform	<	0.004	41	D
W-3202	05/28/25	RTN	Carbon tetrachloride		0.0055	35	D
W-3202	05/28/25	RTN	Chloroform		0.0081	40	D
W-3202	05/28/25	RTN	Dibromochloromethane	<	0.004	34	D
W-3202	05/28/25	RTN	Tetrachloroethene		0.33	2200	D
W-3202	05/28/25	RTN	Trichloroethene		1.5	8100	D
W-3202	05/28/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-3202	05/28/25	RTN	Trichlorotrifluoroethane		0.03	230	D
W-3202	05/28/25	RTN	Vinyl chloride	<	0.004	10	D
W-3202	05/28/25	RTN	cis-1,2-Dichloroethene		0.6	2400	D
W-3202	05/28/25	RTN	trans-1,2-Dichloroethene		0.0065	26	D
W-3202	08/12/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-3202	08/12/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3202	08/12/25	RTN	1,1-Dichloroethane		0.0072	29	D
W-3202	08/12/25	RTN	1,1-Dichloroethene		0.054	210	D
W-3202	08/12/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-3202	08/12/25	RTN	Bromodichloromethane	<	0.004	27	D
W-3202	08/12/25	RTN	Bromoform	<	0.004	41	D
W-3202	08/12/25	RTN	Carbon tetrachloride		0.0049	31	D
W-3202	08/12/25	RTN	Chloroform		0.0076	37	D
W-3202	08/12/25	RTN	Dibromochloromethane	<	0.004	34	D
W-3202	08/12/25	RTN	Tetrachloroethene		0.31	2100	D
W-3202	08/12/25	RTN	Trichloroethene		1.2	6400	D
W-3202	08/12/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-3202	08/12/25	RTN	Trichlorotrifluoroethane		0.043	330	D
W-3202	08/12/25	RTN	Vinyl chloride	<	0.004	10	D
W-3202	08/12/25	RTN	cis-1,2-Dichloroethene		0.48	1900	D
W-3202	08/12/25	RTN	trans-1,2-Dichloroethene		0.0057	23	D
W-3202	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3202	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3202	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3202	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3202	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3202	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3202	10/22/25	RTN	Bromoform	<	0.002	21	D
W-3202	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3202	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-3202	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3202	10/22/25	RTN	Tetrachloroethene		0.0024	16	D
W-3202	10/22/25	RTN	Trichloroethene	<	0.002	11	D
W-3202	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3202	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-3202	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3202	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3202	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3203	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3203	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3203	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3203	02/20/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3203	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3203	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3203	02/20/25	RTN	Bromoform	<	0.002	21	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3203	02/20/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3203	02/20/25	RTN	Chloroform		0.0042	21	D
W-3203	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3203	02/20/25	RTN	Tetrachloroethene		0.066	450	D
W-3203	02/20/25	RTN	Trichloroethene		0.06	320	D
W-3203	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3203	02/20/25	RTN	Trichlorotrifluoroethane		0.0051	39	D
W-3203	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3203	02/20/25	RTN	cis-1,2-Dichloroethene		0.0025	9.9	D
W-3203	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3203	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3203	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3203	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3203	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3203	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3203	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3203	05/13/25	RTN	Bromoform	<	0.002	21	D
W-3203	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3203	05/13/25	RTN	Chloroform		0.0022	11	D
W-3203	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3203	05/13/25	RTN	Tetrachloroethene		0.031	210	D
W-3203	05/13/25	RTN	Trichloroethene		0.037	200	D
W-3203	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3203	05/13/25	RTN	Trichlorotrifluoroethane		0.0029	22	D
W-3203	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3203	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3203	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3203	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3203	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3203	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3203	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3203	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3203	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3203	08/13/25	RTN	Bromoform	<	0.002	21	D
W-3203	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3203	08/13/25	RTN	Chloroform		0.0036	18	D
W-3203	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3203	08/13/25	RTN	Tetrachloroethene		0.05	340	D
W-3203	08/13/25	RTN	Trichloroethene		0.05	270	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3203	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3203	08/13/25	RTN	Trichlorotrifluoroethane		0.0045	34	D
W-3203	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3203	08/13/25	RTN	cis-1,2-Dichloroethene		0.0025	9.9	D
W-3203	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3203	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3203	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3203	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3203	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-3203	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3203	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3203	10/21/25	RTN	Bromoform	<	0.002	21	D
W-3203	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-3203	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-3203	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3203	10/21/25	RTN	Tetrachloroethene		0.0072	49	D
W-3203	10/21/25	RTN	Trichloroethene		0.0072	39	D
W-3203	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3203	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-3203	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3203	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3203	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3805	01/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-3805	01/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3805	01/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3805	01/21/25	RTN	1,1-Dichloroethene		0.0025	9.9	D
W-3805	01/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3805	01/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3805	01/21/25	RTN	Bromoform	<	0.002	21	D
W-3805	01/21/25	RTN	Carbon tetrachloride		0.0072	45	D
W-3805	01/21/25	RTN	Chloroform		0.0038	19	D
W-3805	01/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-3805	01/21/25	RTN	Tetrachloroethene		0.077	520	D
W-3805	01/21/25	RTN	Trichloroethene		0.16	860	D
W-3805	01/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-3805	01/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-3805	01/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3805	01/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3805	01/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3805	05/01/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
W-3805	05/01/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-3805	05/01/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-3805	05/01/25	RTN	1,1-Dichloroethene		0.027	110	D
W-3805	05/01/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-3805	05/01/25	RTN	Bromodichloromethane	<	0.02	130	D
W-3805	05/01/25	RTN	Bromoform	<	0.02	210	D
W-3805	05/01/25	RTN	Carbon tetrachloride		0.08	500	D
W-3805	05/01/25	RTN	Chloroform		0.026	130	D
W-3805	05/01/25	RTN	Dibromochloromethane	<	0.02	170	D
W-3805	05/01/25	RTN	Tetrachloroethene		0.65	4400	D
W-3805	05/01/25	RTN	Trichloroethene		1.2	6400	D
W-3805	05/01/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-3805	05/01/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-3805	05/01/25	RTN	Vinyl chloride	<	0.02	51	D
W-3805	05/01/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-3805	05/01/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-3805	05/01/25	DUP	1,1,1-Trichloroethane	<	0.005	27	E
W-3805	05/01/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-3805	05/01/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-3805	05/01/25	DUP	1,1-Dichloroethene		0.026	100	
W-3805	05/01/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-3805	05/01/25	DUP	Bromodichloromethane	<	0.005	33	
W-3805	05/01/25	DUP	Bromoform	<	0.005	52	
W-3805	05/01/25	DUP	Carbon tetrachloride		0.069	430	
W-3805	05/01/25	DUP	Chloroform		0.021	100	
W-3805	05/01/25	DUP	Dibromochloromethane	<	0.005	43	
W-3805	05/01/25	DUP	Tetrachloroethene		0.43	2900	
W-3805	05/01/25	DUP	Trichloroethene		0.97	5200	
W-3805	05/01/25	DUP	Trichlorofluoromethane	<	0.005	28	E
W-3805	05/01/25	DUP	Trichlorotrifluoroethane	<	0.005	38	E
W-3805	05/01/25	DUP	Vinyl chloride	<	0.005	13	
W-3805	05/01/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-3805	05/01/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-3805	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	E
W-3805	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-3805	09/29/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-3805	09/29/25	DUP	1,1-Dichloroethene		0.028	110	
W-3805	09/29/25	DUP	1,2-Dichloroethane	<	0.005	20	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3805	09/29/25	DUP	Bromodichloromethane	<	0.005	33	
W-3805	09/29/25	DUP	Bromoform	<	0.005	52	
W-3805	09/29/25	DUP	Carbon tetrachloride		0.077	480	
W-3805	09/29/25	DUP	Chloroform		0.026	130	
W-3805	09/29/25	DUP	Dibromochloromethane	<	0.005	43	
W-3805	09/29/25	DUP	Tetrachloroethene		0.58	3900	
W-3805	09/29/25	DUP	Trichloroethene		1.1	5900	
W-3805	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	E
W-3805	09/29/25	DUP	Trichlorotrifluoroethane	<	0.005	38	E
W-3805	09/29/25	DUP	Vinyl chloride	<	0.005	13	
W-3805	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-3805	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-3805	09/29/25	RTN	1,1,1-Trichloroethane		0.0042	23	D
W-3805	09/29/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-3805	09/29/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-3805	09/29/25	RTN	1,1-Dichloroethene		0.022	87	D
W-3805	09/29/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-3805	09/29/25	RTN	Bromodichloromethane	<	0.004	27	D
W-3805	09/29/25	RTN	Bromoform	<	0.004	41	D
W-3805	09/29/25	RTN	Carbon tetrachloride		0.085	530	D
W-3805	09/29/25	RTN	Chloroform		0.024	120	D
W-3805	09/29/25	RTN	Dibromochloromethane	<	0.004	34	D
W-3805	09/29/25	RTN	Tetrachloroethene		0.45	3100	D
W-3805	09/29/25	RTN	Trichloroethene		1.2	6400	D
W-3805	09/29/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-3805	09/29/25	RTN	Trichlorotrifluoroethane		0.0044	34	D
W-3805	09/29/25	RTN	Vinyl chloride	<	0.004	10	D
W-3805	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-3805	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-3805	12/08/25	RTN	1,1,1-Trichloroethane		0.0041	22	D
W-3805	12/08/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-3805	12/08/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-3805	12/08/25	RTN	1,1-Dichloroethene		0.03	120	D
W-3805	12/08/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-3805	12/08/25	RTN	Bromodichloromethane	<	0.002	13	D
W-3805	12/08/25	RTN	Bromoform	<	0.002	21	D
W-3805	12/08/25	RTN	Carbon tetrachloride		0.091	570	D
W-3805	12/08/25	RTN	Chloroform		0.028	140	D
W-3805	12/08/25	RTN	Dibromochloromethane	<	0.002	17	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-3805	12/08/25	RTN	Tetrachloroethene		0.71	4800	D
W-3805	12/08/25	RTN	Trichloroethene		1.3	7000	D
W-3805	12/08/25	RTN	Trichlorofluoromethane		0.002	11	D
W-3805	12/08/25	RTN	Trichlorotrifluoroethane		0.0049	38	D
W-3805	12/08/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-3805	12/08/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-3805	12/08/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-3805	12/08/25	DUP	1,1,1-Trichloroethane	<	0.005	27	E
W-3805	12/08/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-3805	12/08/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-3805	12/08/25	DUP	1,1-Dichloroethene		0.028	110	
W-3805	12/08/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-3805	12/08/25	DUP	Bromodichloromethane	<	0.005	33	
W-3805	12/08/25	DUP	Bromoform	<	0.005	52	
W-3805	12/08/25	DUP	Carbon tetrachloride		0.083	520	
W-3805	12/08/25	DUP	Chloroform		0.027	130	
W-3805	12/08/25	DUP	Dibromochloromethane	<	0.005	43	
W-3805	12/08/25	DUP	Tetrachloroethene		0.62	4200	
W-3805	12/08/25	DUP	Trichloroethene		1.1	5900	
W-3805	12/08/25	DUP	Trichlorofluoromethane	<	0.005	28	E
W-3805	12/08/25	DUP	Trichlorotrifluoroethane	<	0.005	38	E
W-3805	12/08/25	DUP	Vinyl chloride	<	0.005	13	
W-3805	12/08/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-3805	12/08/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-514-2007A	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007A	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007A	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007A	02/20/25	RTN	1,1-Dichloroethene		0.042	170	D
W-514-2007A	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007A	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007A	02/20/25	RTN	Bromoform	<	0.002	21	D
W-514-2007A	02/20/25	RTN	Carbon tetrachloride		0.045	280	D
W-514-2007A	02/20/25	RTN	Chloroform	<	0.002	9.8	D
W-514-2007A	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007A	02/20/25	RTN	Tetrachloroethene		0.035	240	D
W-514-2007A	02/20/25	RTN	Trichloroethene		0.13	700	D
W-514-2007A	02/20/25	RTN	Trichlorofluoromethane		0.36	2000	D
W-514-2007A	02/20/25	RTN	Trichlorotrifluoroethane		0.01	77	D
W-514-2007A	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-514-2007A	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007A	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007A	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007A	05/28/25	RTN	1,1-Dichloroethene		0.045	180	D
W-514-2007A	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007A	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007A	05/28/25	RTN	Bromoform	<	0.002	21	D
W-514-2007A	05/28/25	RTN	Carbon tetrachloride		0.044	280	D
W-514-2007A	05/28/25	RTN	Chloroform	<	0.002	9.8	D
W-514-2007A	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007A	05/28/25	RTN	Tetrachloroethene		0.041	280	D
W-514-2007A	05/28/25	RTN	Trichloroethene		0.14	750	D
W-514-2007A	05/28/25	RTN	Trichlorofluoromethane		0.41	2300	D
W-514-2007A	05/28/25	RTN	Trichlorotrifluoroethane		0.012	92	D
W-514-2007A	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007A	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007A	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007A	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007A	08/12/25	RTN	1,1-Dichloroethene		0.011	44	D
W-514-2007A	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007A	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007A	08/12/25	RTN	Bromoform	<	0.002	21	D
W-514-2007A	08/12/25	RTN	Carbon tetrachloride		0.011	69	D
W-514-2007A	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-514-2007A	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007A	08/12/25	RTN	Tetrachloroethene		0.033	220	D
W-514-2007A	08/12/25	RTN	Trichloroethene		0.072	390	D
W-514-2007A	08/12/25	RTN	Trichlorofluoromethane		0.13	730	D
W-514-2007A	08/12/25	RTN	Trichlorotrifluoroethane		0.0045	34	D
W-514-2007A	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007A	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007A	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007A	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-514-2007A	10/21/25	RTN	1,1-Dichloroethene		0.012	48	D
W-514-2007A	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007A	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007A	10/21/25	RTN	Bromoform	<	0.002	21	D
W-514-2007A	10/21/25	RTN	Carbon tetrachloride		0.013	82	D
W-514-2007A	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-514-2007A	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007A	10/21/25	RTN	Tetrachloroethene		0.031	210	D
W-514-2007A	10/21/25	RTN	Trichloroethene		0.07	380	D
W-514-2007A	10/21/25	RTN	Trichlorofluoromethane		0.17	960	D
W-514-2007A	10/21/25	RTN	Trichlorotrifluoroethane		0.0054	41	D
W-514-2007A	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007A	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007A	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007B	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007B	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007B	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007B	02/20/25	RTN	1,1-Dichloroethene		0.059	230	D
W-514-2007B	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007B	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007B	02/20/25	RTN	Bromoform	<	0.002	21	D
W-514-2007B	02/20/25	RTN	Carbon tetrachloride		0.011	69	D
W-514-2007B	02/20/25	RTN	Chloroform		0.029	140	D
W-514-2007B	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007B	02/20/25	RTN	Tetrachloroethene		0.03	200	D
W-514-2007B	02/20/25	RTN	Trichloroethene		0.13	700	D
W-514-2007B	02/20/25	RTN	Trichlorofluoromethane		0.0037	21	D
W-514-2007B	02/20/25	RTN	Trichlorotrifluoroethane		0.0063	48	D
W-514-2007B	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007B	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007B	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007B	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007B	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007B	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007B	05/28/25	RTN	1,1-Dichloroethene		0.045	180	D
W-514-2007B	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007B	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007B	05/28/25	RTN	Bromoform	<	0.002	21	D
W-514-2007B	05/28/25	RTN	Carbon tetrachloride		0.0096	60	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-514-2007B	05/28/25	RTN	Chloroform		0.027	130	D
W-514-2007B	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007B	05/28/25	RTN	Tetrachloroethene		0.028	190	D
W-514-2007B	05/28/25	RTN	Trichloroethene		0.11	590	D
W-514-2007B	05/28/25	RTN	Trichlorofluoromethane		0.0041	23	D
W-514-2007B	05/28/25	RTN	Trichlorotrifluoroethane		0.0077	59	D
W-514-2007B	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007B	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007B	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007B	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007B	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007B	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007B	08/12/25	RTN	1,1-Dichloroethene		0.08	320	D
W-514-2007B	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007B	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007B	08/12/25	RTN	Bromoform	<	0.002	21	D
W-514-2007B	08/12/25	RTN	Carbon tetrachloride		0.018	110	D
W-514-2007B	08/12/25	RTN	Chloroform		0.031	150	D
W-514-2007B	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007B	08/12/25	RTN	Tetrachloroethene		0.038	260	D
W-514-2007B	08/12/25	RTN	Trichloroethene		0.14	750	D
W-514-2007B	08/12/25	RTN	Trichlorofluoromethane		0.0033	19	D
W-514-2007B	08/12/25	RTN	Trichlorotrifluoroethane		0.0093	71	D
W-514-2007B	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007B	08/12/25	RTN	cis-1,2-Dichloroethene		0.0031	12	D
W-514-2007B	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-514-2007B	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-514-2007B	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-514-2007B	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-514-2007B	10/21/25	RTN	1,1-Dichloroethene		0.057	230	D
W-514-2007B	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-514-2007B	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-514-2007B	10/21/25	RTN	Bromoform	<	0.002	21	D
W-514-2007B	10/21/25	RTN	Carbon tetrachloride		0.011	69	D
W-514-2007B	10/21/25	RTN	Chloroform		0.027	130	D
W-514-2007B	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-514-2007B	10/21/25	RTN	Tetrachloroethene		0.026	180	D
W-514-2007B	10/21/25	RTN	Trichloroethene		0.1	540	D
W-514-2007B	10/21/25	RTN	Trichlorofluoromethane		0.0026	15	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-514-2007B	10/21/25	RTN	Trichlorotrifluoroethane		0.0068	52	D
W-514-2007B	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-514-2007B	10/21/25	RTN	cis-1,2-Dichloroethene		0.002	7.9	D
W-514-2007B	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1616A	04/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-1616A	04/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-1616A	04/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-1616A	04/24/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-518-1616A	04/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-1616A	04/24/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-1616A	04/24/25	RTN	Bromoform	<	0.002	21	D
W-518-1616A	04/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-1616A	04/24/25	RTN	Chloroform	<	0.002	9.8	D
W-518-1616A	04/24/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-1616A	04/24/25	RTN	Tetrachloroethene		0.0027	18	D
W-518-1616A	04/24/25	RTN	Trichloroethene		0.004	21	D
W-518-1616A	04/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-1616A	04/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-1616A	04/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-1616A	04/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1616A	04/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1616B	04/24/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-1616B	04/24/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-1616B	04/24/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-1616B	04/24/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-518-1616B	04/24/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-1616B	04/24/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-1616B	04/24/25	RTN	Bromoform	<	0.002	21	D
W-518-1616B	04/24/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-1616B	04/24/25	RTN	Chloroform	<	0.002	9.8	D
W-518-1616B	04/24/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-1616B	04/24/25	RTN	Tetrachloroethene	<	0.002	14	D
W-518-1616B	04/24/25	RTN	Trichloroethene		0.0029	16	D
W-518-1616B	04/24/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-1616B	04/24/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-1616B	04/24/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-1616B	04/24/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1616B	04/24/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1913	02/24/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-1913	02/24/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-518-1913	02/24/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-518-1913	02/24/25	RTN	1,1-Dichloroethene		0.31	1200	D
W-518-1913	02/24/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-518-1913	02/24/25	RTN	Bromodichloromethane	<	0.02	130	D
W-518-1913	02/24/25	RTN	Bromoform	<	0.02	210	D
W-518-1913	02/24/25	RTN	Carbon tetrachloride	<	0.02	130	D
W-518-1913	02/24/25	RTN	Chloroform	<	0.02	98	D
W-518-1913	02/24/25	RTN	Dibromochloromethane	<	0.02	170	D
W-518-1913	02/24/25	RTN	Tetrachloroethene		1.4	9500	D
W-518-1913	02/24/25	RTN	Trichloroethene		3.6	19000	D
W-518-1913	02/24/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-518-1913	02/24/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-518-1913	02/24/25	RTN	Vinyl chloride	<	0.02	51	D
W-518-1913	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	05/28/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
W-518-1913	05/28/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-518-1913	05/28/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-518-1913	05/28/25	RTN	1,1-Dichloroethene		0.29	1100	D
W-518-1913	05/28/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-518-1913	05/28/25	RTN	Bromodichloromethane	<	0.02	130	D
W-518-1913	05/28/25	RTN	Bromoform	<	0.02	210	D
W-518-1913	05/28/25	RTN	Carbon tetrachloride	<	0.02	130	D
W-518-1913	05/28/25	RTN	Chloroform	<	0.02	98	D
W-518-1913	05/28/25	RTN	Dibromochloromethane	<	0.02	170	D
W-518-1913	05/28/25	RTN	Tetrachloroethene		1.5	10000	D
W-518-1913	05/28/25	RTN	Trichloroethene		2.9	16000	D
W-518-1913	05/28/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-518-1913	05/28/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-518-1913	05/28/25	RTN	Vinyl chloride	<	0.02	51	D
W-518-1913	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	08/12/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
W-518-1913	08/12/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-518-1913	08/12/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-518-1913	08/12/25	RTN	1,1-Dichloroethene		0.2	790	D
W-518-1913	08/12/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-518-1913	08/12/25	RTN	Bromodichloromethane	<	0.02	130	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-1913	08/12/25	RTN	Bromoform	<	0.02	210	D
W-518-1913	08/12/25	RTN	Carbon tetrachloride	<	0.02	130	D
W-518-1913	08/12/25	RTN	Chloroform	<	0.02	98	D
W-518-1913	08/12/25	RTN	Dibromochloromethane	<	0.02	170	D
W-518-1913	08/12/25	RTN	Tetrachloroethene		1	6800	D
W-518-1913	08/12/25	RTN	Trichloroethene		2.3	12000	D
W-518-1913	08/12/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-518-1913	08/12/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-518-1913	08/12/25	RTN	Vinyl chloride	<	0.02	51	D
W-518-1913	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	10/22/25	RTN	1,1,1-Trichloroethane	<	0.02	110	D
W-518-1913	10/22/25	RTN	1,1,2-Trichloroethane	<	0.02	110	D
W-518-1913	10/22/25	RTN	1,1-Dichloroethane	<	0.02	81	D
W-518-1913	10/22/25	RTN	1,1-Dichloroethene		0.18	710	D
W-518-1913	10/22/25	RTN	1,2-Dichloroethane	<	0.02	81	D
W-518-1913	10/22/25	RTN	Bromodichloromethane	<	0.02	130	D
W-518-1913	10/22/25	RTN	Bromoform	<	0.02	210	D
W-518-1913	10/22/25	RTN	Carbon tetrachloride	<	0.02	130	D
W-518-1913	10/22/25	RTN	Chloroform	<	0.02	98	D
W-518-1913	10/22/25	RTN	Dibromochloromethane	<	0.02	170	D
W-518-1913	10/22/25	RTN	Tetrachloroethene		1.4	9500	D
W-518-1913	10/22/25	RTN	Trichloroethene		3	16000	D
W-518-1913	10/22/25	RTN	Trichlorofluoromethane	<	0.02	110	D
W-518-1913	10/22/25	RTN	Trichlorotrifluoroethane	<	0.02	150	D
W-518-1913	10/22/25	RTN	Vinyl chloride	<	0.02	51	D
W-518-1913	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.02	79	D
W-518-1913	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.02	79	D
W-518-1914	04/24/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-518-1914	04/24/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-518-1914	04/24/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-518-1914	04/24/25	RTN	1,1-Dichloroethene	<	0.004	16	D
W-518-1914	04/24/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-518-1914	04/24/25	RTN	Bromodichloromethane	<	0.004	27	D
W-518-1914	04/24/25	RTN	Bromoform	<	0.004	41	D
W-518-1914	04/24/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-518-1914	04/24/25	RTN	Chloroform	<	0.004	20	D
W-518-1914	04/24/25	RTN	Dibromochloromethane	<	0.004	34	D
W-518-1914	04/24/25	RTN	Tetrachloroethene		0.83	5600	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-1914	04/24/25	RTN	Trichloroethene		0.012	64	D
W-518-1914	04/24/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-518-1914	04/24/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-518-1914	04/24/25	RTN	Vinyl chloride	<	0.004	10	D
W-518-1914	04/24/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-518-1914	04/24/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-518-1915	02/24/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-518-1915	02/24/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-518-1915	02/24/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-518-1915	02/24/25	RTN	1,1-Dichloroethene		0.013	52	D
W-518-1915	02/24/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-518-1915	02/24/25	RTN	Bromodichloromethane	<	0.004	27	D
W-518-1915	02/24/25	RTN	Bromoform	<	0.004	41	D
W-518-1915	02/24/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-518-1915	02/24/25	RTN	Chloroform	<	0.004	20	D
W-518-1915	02/24/25	RTN	Dibromochloromethane	<	0.004	34	D
W-518-1915	02/24/25	RTN	Tetrachloroethene		0.24	1600	D
W-518-1915	02/24/25	RTN	Trichloroethene		0.51	2700	D
W-518-1915	02/24/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-518-1915	02/24/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-518-1915	02/24/25	RTN	Vinyl chloride	<	0.004	10	D
W-518-1915	02/24/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-518-1915	02/24/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-518-1915	05/28/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-1915	05/28/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-1915	05/28/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-1915	05/28/25	RTN	1,1-Dichloroethene		0.012	48	D
W-518-1915	05/28/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-1915	05/28/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-1915	05/28/25	RTN	Bromoform	<	0.002	21	D
W-518-1915	05/28/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-1915	05/28/25	RTN	Chloroform	<	0.002	9.8	D
W-518-1915	05/28/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-1915	05/28/25	RTN	Tetrachloroethene		0.36	2400	D
W-518-1915	05/28/25	RTN	Trichloroethene		0.5	2700	D
W-518-1915	05/28/25	RTN	Trichlorofluoromethane		0.0082	46	D
W-518-1915	05/28/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-1915	05/28/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-1915	05/28/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-1915	05/28/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1915	08/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-1915	08/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-1915	08/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-1915	08/12/25	RTN	1,1-Dichloroethene		0.013	52	D
W-518-1915	08/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-1915	08/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-1915	08/12/25	RTN	Bromoform	<	0.002	21	D
W-518-1915	08/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-1915	08/12/25	RTN	Chloroform	<	0.002	9.8	D
W-518-1915	08/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-1915	08/12/25	RTN	Tetrachloroethene		0.4	2700	D
W-518-1915	08/12/25	RTN	Trichloroethene		0.42	2300	D
W-518-1915	08/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-1915	08/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-1915	08/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-1915	08/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1915	08/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-1915	10/22/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-518-1915	10/22/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-518-1915	10/22/25	RTN	1,1-Dichloroethane	<	0.004	16	D
W-518-1915	10/22/25	RTN	1,1-Dichloroethene		0.011	44	D
W-518-1915	10/22/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-518-1915	10/22/25	RTN	Bromodichloromethane	<	0.004	27	D
W-518-1915	10/22/25	RTN	Bromoform	<	0.004	41	D
W-518-1915	10/22/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-518-1915	10/22/25	RTN	Chloroform	<	0.004	20	D
W-518-1915	10/22/25	RTN	Dibromochloromethane	<	0.004	34	D
W-518-1915	10/22/25	RTN	Tetrachloroethene		0.42	2800	D
W-518-1915	10/22/25	RTN	Trichloroethene		0.4	2100	D
W-518-1915	10/22/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-518-1915	10/22/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-518-1915	10/22/25	RTN	Vinyl chloride	<	0.004	10	D
W-518-1915	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-518-1915	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-518-301A	11/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-301A	11/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-301A	11/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-301A	11/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-301A	11/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-301A	11/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-301A	11/12/25	RTN	Bromoform	<	0.002	21	D
W-518-301A	11/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-301A	11/12/25	RTN	Chloroform	<	0.002	9.8	D
W-518-301A	11/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-301A	11/12/25	RTN	Tetrachloroethene	<	0.002	14	D
W-518-301A	11/12/25	RTN	Trichloroethene		0.0036	19	D
W-518-301A	11/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-301A	11/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-301A	11/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-301A	11/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-301A	11/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-301B	12/08/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-301B	12/08/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-301B	12/08/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-301B	12/08/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-518-301B	12/08/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-301B	12/08/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-301B	12/08/25	RTN	Bromoform	<	0.002	21	D
W-518-301B	12/08/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-301B	12/08/25	RTN	Chloroform	<	0.002	9.8	D
W-518-301B	12/08/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-301B	12/08/25	RTN	Tetrachloroethene		0.0021	14	D
W-518-301B	12/08/25	RTN	Trichloroethene		0.0057	31	D
W-518-301B	12/08/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-301B	12/08/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-301B	12/08/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-301B	12/08/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-301B	12/08/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-301B	12/08/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-518-301B	12/08/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-518-301B	12/08/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-518-301B	12/08/25	DUP	1,1-Dichloroethene	<	0.005	20	
W-518-301B	12/08/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-518-301B	12/08/25	DUP	Bromodichloromethane	<	0.005	33	
W-518-301B	12/08/25	DUP	Bromoform	<	0.005	52	
W-518-301B	12/08/25	DUP	Carbon tetrachloride	<	0.005	31	
W-518-301B	12/08/25	DUP	Chloroform	<	0.005	24	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-301B	12/08/25	DUP	Dibromochloromethane	<	0.005	43	
W-518-301B	12/08/25	DUP	Tetrachloroethene	<	0.005	34	
W-518-301B	12/08/25	DUP	Trichloroethene		0.0061	33	
W-518-301B	12/08/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-518-301B	12/08/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
W-518-301B	12/08/25	DUP	Vinyl chloride	<	0.005	13	
W-518-301B	12/08/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-518-301B	12/08/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-518-304A	11/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-304A	11/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-304A	11/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-304A	11/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-518-304A	11/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-304A	11/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-304A	11/12/25	RTN	Bromoform	<	0.002	21	D
W-518-304A	11/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-304A	11/12/25	RTN	Chloroform	<	0.002	9.8	D
W-518-304A	11/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-304A	11/12/25	RTN	Tetrachloroethene	<	0.002	14	D
W-518-304A	11/12/25	RTN	Trichloroethene	<	0.002	11	D
W-518-304A	11/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-304A	11/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-518-304A	11/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-304A	11/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-304A	11/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-518-304B	11/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-518-304B	11/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-518-304B	11/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-518-304B	11/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-518-304B	11/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-518-304B	11/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-518-304B	11/12/25	RTN	Bromoform	<	0.002	21	D
W-518-304B	11/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-518-304B	11/12/25	RTN	Chloroform	<	0.002	9.8	D
W-518-304B	11/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-518-304B	11/12/25	RTN	Tetrachloroethene		0.003	20	D
W-518-304B	11/12/25	RTN	Trichloroethene	<	0.002	11	D
W-518-304B	11/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-518-304B	11/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-518-304B	11/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-518-304B	11/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-518-304B	11/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	02/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-001	02/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-001	02/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-001	02/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-543-001	02/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-001	02/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-001	02/12/25	RTN	Bromoform	<	0.002	21	D
W-543-001	02/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-001	02/12/25	RTN	Chloroform	<	0.002	9.8	D
W-543-001	02/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-001	02/12/25	RTN	Tetrachloroethene		0.19	1300	D
W-543-001	02/12/25	RTN	Trichloroethene		0.019	100	D
W-543-001	02/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-001	02/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-001	02/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-001	02/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	02/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-001	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-001	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-001	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-543-001	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-001	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-001	05/13/25	RTN	Bromoform	<	0.002	21	D
W-543-001	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-001	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-543-001	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-001	05/13/25	RTN	Tetrachloroethene		0.19	1300	D
W-543-001	05/13/25	RTN	Trichloroethene		0.017	91	D
W-543-001	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-001	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-001	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-001	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-001	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-543-001	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-001	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-543-001	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-001	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-001	08/13/25	RTN	Bromoform	<	0.002	21	D
W-543-001	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-001	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-543-001	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-001	08/13/25	RTN	Tetrachloroethene		0.17	1200	D
W-543-001	08/13/25	RTN	Trichloroethene		0.018	97	D
W-543-001	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-001	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-001	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-001	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-001	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-001	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-001	10/22/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-543-001	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-001	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-001	10/22/25	RTN	Bromoform	<	0.002	21	D
W-543-001	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-001	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-543-001	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-001	10/22/25	RTN	Tetrachloroethene		0.072	490	D
W-543-001	10/22/25	RTN	Trichloroethene		0.0071	38	D
W-543-001	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-001	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-001	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-001	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-001	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	02/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-003	02/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-003	02/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-003	02/12/25	RTN	1,1-Dichloroethene		0.008	32	D
W-543-003	02/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-003	02/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-003	02/12/25	RTN	Bromoform	<	0.002	21	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-543-003	02/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-003	02/12/25	RTN	Chloroform		0.019	93	D
W-543-003	02/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-003	02/12/25	RTN	Tetrachloroethene		0.049	330	D
W-543-003	02/12/25	RTN	Trichloroethene		0.12	640	D
W-543-003	02/12/25	RTN	Trichlorofluoromethane		0.0033	19	D
W-543-003	02/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-003	02/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-003	02/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	02/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-003	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-003	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-003	05/13/25	RTN	1,1-Dichloroethene		0.0043	17	D
W-543-003	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-003	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-003	05/13/25	RTN	Bromoform	<	0.002	21	D
W-543-003	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-003	05/13/25	RTN	Chloroform		0.01	49	D
W-543-003	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-003	05/13/25	RTN	Tetrachloroethene		0.024	160	D
W-543-003	05/13/25	RTN	Trichloroethene		0.058	310	D
W-543-003	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-003	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-003	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-003	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-003	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-003	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-003	08/13/25	RTN	1,1-Dichloroethene		0.0077	31	D
W-543-003	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-003	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-003	08/13/25	RTN	Bromoform	<	0.002	21	D
W-543-003	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-003	08/13/25	RTN	Chloroform		0.017	83	D
W-543-003	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-003	08/13/25	RTN	Tetrachloroethene		0.043	290	D
W-543-003	08/13/25	RTN	Trichloroethene		0.095	510	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-543-003	08/13/25	RTN	Trichlorofluoromethane		0.0022	12	D
W-543-003	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-003	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-003	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-003	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-003	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-003	10/22/25	RTN	1,1-Dichloroethene		0.0078	31	D
W-543-003	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-003	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-003	10/22/25	RTN	Bromoform	<	0.002	21	D
W-543-003	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-003	10/22/25	RTN	Chloroform		0.017	83	D
W-543-003	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-003	10/22/25	RTN	Tetrachloroethene		0.048	330	D
W-543-003	10/22/25	RTN	Trichloroethene		0.099	530	D
W-543-003	10/22/25	RTN	Trichlorofluoromethane		0.0022	12	D
W-543-003	10/22/25	RTN	Trichlorotrifluoroethane		0.002	15	D
W-543-003	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-003	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-003	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	02/12/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-1908	02/12/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-1908	02/12/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-1908	02/12/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-543-1908	02/12/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-1908	02/12/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-1908	02/12/25	RTN	Bromoform	<	0.002	21	D
W-543-1908	02/12/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-1908	02/12/25	RTN	Chloroform	<	0.002	9.8	D
W-543-1908	02/12/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-1908	02/12/25	RTN	Tetrachloroethene		0.014	95	D
W-543-1908	02/12/25	RTN	Trichloroethene		0.051	270	D
W-543-1908	02/12/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-1908	02/12/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-1908	02/12/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-1908	02/12/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	02/12/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-543-1908	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-1908	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-1908	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-1908	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-543-1908	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-1908	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-1908	05/13/25	RTN	Bromoform	<	0.002	21	D
W-543-1908	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-1908	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-543-1908	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-1908	05/13/25	RTN	Tetrachloroethene		0.012	81	D
W-543-1908	05/13/25	RTN	Trichloroethene		0.041	220	D
W-543-1908	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-1908	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-1908	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-1908	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-1908	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-1908	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-1908	08/13/25	RTN	1,1-Dichloroethene		0.0022	8.7	D
W-543-1908	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-543-1908	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-1908	08/13/25	RTN	Bromoform	<	0.002	21	D
W-543-1908	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-1908	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-543-1908	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-1908	08/13/25	RTN	Tetrachloroethene		0.015	100	D
W-543-1908	08/13/25	RTN	Trichloroethene		0.05	270	D
W-543-1908	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-1908	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-1908	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-1908	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	10/22/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-543-1908	10/22/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-543-1908	10/22/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-543-1908	10/22/25	RTN	1,1-Dichloroethene		0.002	7.9	D
W-543-1908	10/22/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-543-1908	10/22/25	RTN	Bromodichloromethane	<	0.002	13	D
W-543-1908	10/22/25	RTN	Bromoform	<	0.002	21	D
W-543-1908	10/22/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-543-1908	10/22/25	RTN	Chloroform	<	0.002	9.8	D
W-543-1908	10/22/25	RTN	Dibromochloromethane	<	0.002	17	D
W-543-1908	10/22/25	RTN	Tetrachloroethene		0.015	100	D
W-543-1908	10/22/25	RTN	Trichloroethene		0.052	280	D
W-543-1908	10/22/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-543-1908	10/22/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-543-1908	10/22/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-543-1908	10/22/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-543-1908	10/22/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2001B	01/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2001B	01/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2001B	01/14/25	RTN	1,1-Dichloroethane		0.0023	9.3	D
W-ETC-2001B	01/14/25	RTN	1,1-Dichloroethene		0.0024	9.5	D
W-ETC-2001B	01/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2001B	01/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2001B	01/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2001B	01/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2001B	01/14/25	RTN	Chloroform		0.0068	33	D
W-ETC-2001B	01/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2001B	01/14/25	RTN	Tetrachloroethene		0.062	420	D
W-ETC-2001B	01/14/25	RTN	Trichloroethene		0.6	3200	D
W-ETC-2001B	01/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2001B	01/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2001B	01/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2001B	01/14/25	RTN	cis-1,2-Dichloroethene		0.0021	8.3	D
W-ETC-2001B	01/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2001B	09/29/25	DUP	1,1,1-Trichloroethane	<	0.005	27	
W-ETC-2001B	09/29/25	DUP	1,1,2-Trichloroethane	<	0.005	27	
W-ETC-2001B	09/29/25	DUP	1,1-Dichloroethane	<	0.005	20	
W-ETC-2001B	09/29/25	DUP	1,1-Dichloroethene	<	0.005	20	
W-ETC-2001B	09/29/25	DUP	1,2-Dichloroethane	<	0.005	20	
W-ETC-2001B	09/29/25	DUP	Bromodichloromethane	<	0.005	33	
W-ETC-2001B	09/29/25	DUP	Bromoform	<	0.005	52	
W-ETC-2001B	09/29/25	DUP	Carbon tetrachloride	<	0.005	31	
W-ETC-2001B	09/29/25	DUP	Chloroform	<	0.005	24	
W-ETC-2001B	09/29/25	DUP	Dibromochloromethane	<	0.005	43	

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETC-2001B	09/29/25	DUP	Tetrachloroethene	<	0.005	34	E
W-ETC-2001B	09/29/25	DUP	Trichloroethene		0.031	170	
W-ETC-2001B	09/29/25	DUP	Trichlorofluoromethane	<	0.005	28	
W-ETC-2001B	09/29/25	DUP	Trichlorotrifluoroethane	<	0.005	38	
W-ETC-2001B	09/29/25	DUP	Vinyl chloride	<	0.005	13	
W-ETC-2001B	09/29/25	DUP	cis-1,2-Dichloroethene	<	0.005	20	
W-ETC-2001B	09/29/25	DUP	trans-1,2-Dichloroethene	<	0.005	20	
W-ETC-2001B	09/29/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2001B	09/29/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2001B	09/29/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2001B	09/29/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2001B	09/29/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2001B	09/29/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2001B	09/29/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2001B	09/29/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2001B	09/29/25	RTN	Chloroform		0.0029	14	D
W-ETC-2001B	09/29/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2001B	09/29/25	RTN	Tetrachloroethene		0.02	140	D
W-ETC-2001B	09/29/25	RTN	Trichloroethene		0.18	970	D
W-ETC-2001B	09/29/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2001B	09/29/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2001B	09/29/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2001B	09/29/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2001B	09/29/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2003	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2003	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2003	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2003	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2003	02/11/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2003	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2003	02/11/25	RTN	Chloroform		0.0034	17	D
W-ETC-2003	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2003	02/11/25	RTN	Tetrachloroethene		0.02	140	D
W-ETC-2003	02/11/25	RTN	Trichloroethene		0.03	160	D
W-ETC-2003	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2003	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2003	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETC-2003	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	05/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2003	05/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2003	05/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2003	05/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	05/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2003	05/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2003	05/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2003	05/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2003	05/14/25	RTN	Chloroform		0.0034	17	D
W-ETC-2003	05/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2003	05/14/25	RTN	Tetrachloroethene		0.02	140	D
W-ETC-2003	05/14/25	RTN	Trichloroethene		0.03	160	D
W-ETC-2003	05/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2003	05/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2003	05/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2003	05/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	05/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	08/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2003	08/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2003	08/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2003	08/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	08/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2003	08/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2003	08/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2003	08/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2003	08/14/25	RTN	Chloroform		0.0025	12	D
W-ETC-2003	08/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2003	08/14/25	RTN	Tetrachloroethene		0.021	140	D
W-ETC-2003	08/14/25	RTN	Trichloroethene		0.023	120	D
W-ETC-2003	08/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2003	08/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2003	08/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2003	08/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	08/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2003	10/23/25	RTN	1,1,1-Trichloroethane	<	0.004	22	D
W-ETC-2003	10/23/25	RTN	1,1,2-Trichloroethane	<	0.004	22	D
W-ETC-2003	10/23/25	RTN	1,1-Dichloroethane	<	0.004	16	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETC-2003	10/23/25	RTN	1,1-Dichloroethene	<	0.004	16	D
W-ETC-2003	10/23/25	RTN	1,2-Dichloroethane	<	0.004	16	D
W-ETC-2003	10/23/25	RTN	Bromodichloromethane	<	0.004	27	D
W-ETC-2003	10/23/25	RTN	Bromoform	<	0.004	41	D
W-ETC-2003	10/23/25	RTN	Carbon tetrachloride	<	0.004	25	D
W-ETC-2003	10/23/25	RTN	Chloroform	<	0.004	20	D
W-ETC-2003	10/23/25	RTN	Dibromochloromethane	<	0.004	34	D
W-ETC-2003	10/23/25	RTN	Tetrachloroethene		0.021	140	D
W-ETC-2003	10/23/25	RTN	Trichloroethene		0.019	100	D
W-ETC-2003	10/23/25	RTN	Trichlorofluoromethane	<	0.004	22	D
W-ETC-2003	10/23/25	RTN	Trichlorotrifluoroethane	<	0.004	31	D
W-ETC-2003	10/23/25	RTN	Vinyl chloride	<	0.004	10	D
W-ETC-2003	10/23/25	RTN	cis-1,2-Dichloroethene	<	0.004	16	D
W-ETC-2003	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.004	16	D
W-ETC-2004A	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2004A	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004A	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	02/11/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004A	02/11/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004A	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004A	02/11/25	RTN	Chloroform	<	0.002	9.8	D
W-ETC-2004A	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004A	02/11/25	RTN	Tetrachloroethene		0.25	1700	D
W-ETC-2004A	02/11/25	RTN	Trichloroethene		0.063	340	D
W-ETC-2004A	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004A	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004A	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004A	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	05/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2004A	05/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004A	05/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	05/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	05/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	05/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004A	05/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004A	05/14/25	RTN	Carbon tetrachloride	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETC-2004A	05/14/25	RTN	Chloroform	<	0.002	9.8	D
W-ETC-2004A	05/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004A	05/14/25	RTN	Tetrachloroethene		0.22	1500	D
W-ETC-2004A	05/14/25	RTN	Trichloroethene		0.061	330	D
W-ETC-2004A	05/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004A	05/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004A	05/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004A	05/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	05/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	08/14/25	RTN	1,1,1-Trichloroethane		0.002	11	D
W-ETC-2004A	08/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004A	08/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	08/14/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	08/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	08/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004A	08/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004A	08/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004A	08/14/25	RTN	Chloroform	<	0.002	9.8	D
W-ETC-2004A	08/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004A	08/14/25	RTN	Tetrachloroethene		0.2	1400	D
W-ETC-2004A	08/14/25	RTN	Trichloroethene		0.06	320	D
W-ETC-2004A	08/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004A	08/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004A	08/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004A	08/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	08/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	10/23/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2004A	10/23/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004A	10/23/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	10/23/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	10/23/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004A	10/23/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004A	10/23/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004A	10/23/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004A	10/23/25	RTN	Chloroform	<	0.002	9.8	D
W-ETC-2004A	10/23/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004A	10/23/25	RTN	Tetrachloroethene		0.24	1600	D
W-ETC-2004A	10/23/25	RTN	Trichloroethene		0.055	300	D
W-ETC-2004A	10/23/25	RTN	Trichlorofluoromethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETC-2004A	10/23/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004A	10/23/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004A	10/23/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004A	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	02/11/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2004B	02/11/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004B	02/11/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	02/11/25	RTN	1,1-Dichloroethene		0.0085	34	D
W-ETC-2004B	02/11/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	02/11/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004B	02/11/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004B	02/11/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004B	02/11/25	RTN	Chloroform		0.007	34	D
W-ETC-2004B	02/11/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004B	02/11/25	RTN	Tetrachloroethene		0.13	880	D
W-ETC-2004B	02/11/25	RTN	Trichloroethene		0.37	2000	D
W-ETC-2004B	02/11/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004B	02/11/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004B	02/11/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004B	02/11/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	02/11/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	05/14/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2004B	05/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004B	05/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	05/14/25	RTN	1,1-Dichloroethene		0.0075	30	D
W-ETC-2004B	05/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	05/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004B	05/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004B	05/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004B	05/14/25	RTN	Chloroform		0.0077	38	D
W-ETC-2004B	05/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004B	05/14/25	RTN	Tetrachloroethene		0.12	810	D
W-ETC-2004B	05/14/25	RTN	Trichloroethene		0.33	1800	D
W-ETC-2004B	05/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004B	05/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004B	05/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004B	05/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	05/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	08/14/25	RTN	1,1,1-Trichloroethane		0.0021	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETC-2004B	08/14/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004B	08/14/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	08/14/25	RTN	1,1-Dichloroethene		0.01	40	D
W-ETC-2004B	08/14/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	08/14/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004B	08/14/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004B	08/14/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004B	08/14/25	RTN	Chloroform		0.0092	45	D
W-ETC-2004B	08/14/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004B	08/14/25	RTN	Tetrachloroethene		0.13	880	D
W-ETC-2004B	08/14/25	RTN	Trichloroethene		0.29	1600	D
W-ETC-2004B	08/14/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004B	08/14/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004B	08/14/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004B	08/14/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	08/14/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	10/23/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETC-2004B	10/23/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETC-2004B	10/23/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	10/23/25	RTN	1,1-Dichloroethene		0.0077	31	D
W-ETC-2004B	10/23/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETC-2004B	10/23/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETC-2004B	10/23/25	RTN	Bromoform	<	0.002	21	D
W-ETC-2004B	10/23/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETC-2004B	10/23/25	RTN	Chloroform		0.0087	42	D
W-ETC-2004B	10/23/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETC-2004B	10/23/25	RTN	Tetrachloroethene		0.14	950	D
W-ETC-2004B	10/23/25	RTN	Trichloroethene		0.28	1500	D
W-ETC-2004B	10/23/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETC-2004B	10/23/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETC-2004B	10/23/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETC-2004B	10/23/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETC-2004B	10/23/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008A	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008A	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	02/20/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2008A	02/20/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008A	02/20/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008A	02/20/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008A	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008A	02/20/25	RTN	Tetrachloroethene	<	0.002	14	D
W-ETS-2008A	02/20/25	RTN	Trichloroethene		0.0022	12	D
W-ETS-2008A	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008A	02/20/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008A	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008A	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008A	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008A	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008A	05/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008A	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008A	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008A	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008A	05/13/25	RTN	Tetrachloroethene		0.0061	41	D
W-ETS-2008A	05/13/25	RTN	Trichloroethene		0.0098	53	D
W-ETS-2008A	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008A	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008A	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008A	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008A	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008A	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008A	08/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008A	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008A	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008A	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008A	08/13/25	RTN	Tetrachloroethene		0.0025	17	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2008A	08/13/25	RTN	Trichloroethene		0.0028	15	D
W-ETS-2008A	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008A	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008A	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008A	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008A	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008A	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008A	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008A	10/21/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008A	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008A	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008A	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008A	10/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-ETS-2008A	10/21/25	RTN	Trichloroethene	<	0.002	11	D
W-ETS-2008A	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008A	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008A	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008A	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008A	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008B	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008B	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	02/20/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008B	02/20/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008B	02/20/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008B	02/20/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008B	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008B	02/20/25	RTN	Tetrachloroethene		0.0055	37	D
W-ETS-2008B	02/20/25	RTN	Trichloroethene		0.014	75	D
W-ETS-2008B	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008B	02/20/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008B	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008B	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2008B	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008B	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008B	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008B	05/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008B	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008B	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008B	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008B	05/13/25	RTN	Tetrachloroethene		0.02	140	D
W-ETS-2008B	05/13/25	RTN	Trichloroethene		0.025	130	D
W-ETS-2008B	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008B	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008B	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008B	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008B	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008B	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008B	08/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008B	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008B	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008B	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008B	08/13/25	RTN	Tetrachloroethene		0.0059	40	D
W-ETS-2008B	08/13/25	RTN	Trichloroethene		0.017	91	D
W-ETS-2008B	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008B	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008B	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008B	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2008B	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2008B	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2008B	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2008B	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2008B	10/21/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2008B	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2008B	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2008B	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2008B	10/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-ETS-2008B	10/21/25	RTN	Trichloroethene	<	0.002	11	D
W-ETS-2008B	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2008B	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2008B	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2008B	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2008B	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2009	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2009	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	02/20/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2009	02/20/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2009	02/20/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2009	02/20/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2009	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2009	02/20/25	RTN	Tetrachloroethene		0.0048	33	D
W-ETS-2009	02/20/25	RTN	Trichloroethene		0.012	64	D
W-ETS-2009	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2009	02/20/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2009	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2009	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2009	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2009	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2009	05/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2009	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2009	05/13/25	RTN	Chloroform	<	0.002	9.8	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2009	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2009	05/13/25	RTN	Tetrachloroethene		0.0022	15	D
W-ETS-2009	05/13/25	RTN	Trichloroethene		0.0049	26	D
W-ETS-2009	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2009	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2009	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2009	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2009	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2009	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2009	08/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2009	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2009	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2009	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2009	08/13/25	RTN	Tetrachloroethene		0.0073	50	D
W-ETS-2009	08/13/25	RTN	Trichloroethene		0.012	64	D
W-ETS-2009	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2009	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2009	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2009	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2009	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2009	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2009	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2009	10/21/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2009	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2009	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2009	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2009	10/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-ETS-2009	10/21/25	RTN	Trichloroethene		0.002	11	D
W-ETS-2009	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2009	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2009	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2009	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2009	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010A	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010A	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	02/20/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010A	02/20/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010A	02/20/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010A	02/20/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010A	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010A	02/20/25	RTN	Tetrachloroethene		0.002	14	D
W-ETS-2010A	02/20/25	RTN	Trichloroethene		0.0064	34	D
W-ETS-2010A	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010A	02/20/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2010A	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010A	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010A	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010A	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010A	05/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010A	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010A	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010A	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010A	05/13/25	RTN	Tetrachloroethene		0.0029	20	D
W-ETS-2010A	05/13/25	RTN	Trichloroethene		0.017	91	D
W-ETS-2010A	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010A	05/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2010A	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010A	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010A	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2010A	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010A	08/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010A	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010A	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010A	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010A	08/13/25	RTN	Tetrachloroethene		0.0028	19	D
W-ETS-2010A	08/13/25	RTN	Trichloroethene		0.0077	41	D
W-ETS-2010A	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010A	08/13/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2010A	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010A	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010A	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010A	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010A	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010A	10/21/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010A	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010A	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010A	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010A	10/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-ETS-2010A	10/21/25	RTN	Trichloroethene		0.0024	13	D
W-ETS-2010A	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010A	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2010A	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010A	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010A	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	02/20/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010B	02/20/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010B	02/20/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	02/20/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	02/20/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	02/20/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010B	02/20/25	RTN	Bromoform	<	0.002	21	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2010B	02/20/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010B	02/20/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010B	02/20/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010B	02/20/25	RTN	Tetrachloroethene		0.0066	45	D
W-ETS-2010B	02/20/25	RTN	Trichloroethene		0.024	130	D
W-ETS-2010B	02/20/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010B	02/20/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2010B	02/20/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010B	02/20/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	02/20/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	05/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010B	05/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010B	05/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	05/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	05/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	05/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010B	05/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010B	05/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010B	05/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010B	05/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010B	05/13/25	RTN	Tetrachloroethene		0.0068	46	D
W-ETS-2010B	05/13/25	RTN	Trichloroethene		0.022	120	D
W-ETS-2010B	05/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010B	05/13/25	RTN	Trichlorotrifluoroethane		0.0021	16	D
W-ETS-2010B	05/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010B	05/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	05/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	08/13/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010B	08/13/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010B	08/13/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	08/13/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	08/13/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	08/13/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010B	08/13/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010B	08/13/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010B	08/13/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010B	08/13/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010B	08/13/25	RTN	Tetrachloroethene		0.0081	55	D
W-ETS-2010B	08/13/25	RTN	Trichloroethene		0.028	150	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
W-ETS-2010B	08/13/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010B	08/13/25	RTN	Trichlorotrifluoroethane		0.0026	20	D
W-ETS-2010B	08/13/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010B	08/13/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	08/13/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	10/21/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-2010B	10/21/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-2010B	10/21/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	10/21/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	10/21/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-2010B	10/21/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-2010B	10/21/25	RTN	Bromoform	<	0.002	21	D
W-ETS-2010B	10/21/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-2010B	10/21/25	RTN	Chloroform	<	0.002	9.8	D
W-ETS-2010B	10/21/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-2010B	10/21/25	RTN	Tetrachloroethene	<	0.002	14	D
W-ETS-2010B	10/21/25	RTN	Trichloroethene	<	0.002	11	D
W-ETS-2010B	10/21/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-2010B	10/21/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-2010B	10/21/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-2010B	10/21/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-2010B	10/21/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-507	12/02/25	RTN	1,1,1-Trichloroethane	<	0.002	11	D
W-ETS-507	12/02/25	RTN	1,1,2-Trichloroethane	<	0.002	11	D
W-ETS-507	12/02/25	RTN	1,1-Dichloroethane	<	0.002	8.1	D
W-ETS-507	12/02/25	RTN	1,1-Dichloroethene	<	0.002	7.9	D
W-ETS-507	12/02/25	RTN	1,2-Dichloroethane	<	0.002	8.1	D
W-ETS-507	12/02/25	RTN	Bromodichloromethane	<	0.002	13	D
W-ETS-507	12/02/25	RTN	Bromoform	<	0.002	21	D
W-ETS-507	12/02/25	RTN	Carbon tetrachloride	<	0.002	13	D
W-ETS-507	12/02/25	RTN	Chloroform		0.022	110	D
W-ETS-507	12/02/25	RTN	Dibromochloromethane	<	0.002	17	D
W-ETS-507	12/02/25	RTN	Tetrachloroethene		0.016	110	D
W-ETS-507	12/02/25	RTN	Trichloroethene		0.057	310	D
W-ETS-507	12/02/25	RTN	Trichlorofluoromethane	<	0.002	11	D
W-ETS-507	12/02/25	RTN	Trichlorotrifluoroethane	<	0.002	15	D
W-ETS-507	12/02/25	RTN	Vinyl chloride	<	0.002	5.1	D
W-ETS-507	12/02/25	RTN	cis-1,2-Dichloroethene	<	0.002	7.9	D
W-ETS-507	12/02/25	RTN	trans-1,2-Dichloroethene	<	0.002	7.9	D

Table 2-2. Soil vapor analytical data for samples collected at the Livermore Site in 2025.

Notes:

PPM(V/V) = parts per million on a volume-to-volume basis; µg/m^3 = micrograms per cubic meter; DUP = duplicate sample; LOS = limit of sensitivity; QA = quality assurance; RTN = routine sample.

< Indicates the measured value is less than the reporting limit.

Data qualifier flags

B = Analyte found in method blank; sample results have been evaluated.

D = Analysis performed at a secondary dilution or concentration.

E = The analyte was detected below the LLNL reporting limit, but above, or equal to, the analytical laboratory minimum detection limit or activity.

F = Analyte found in field blank, trip blank, or equipment blank; sample results have been evaluated.

H = Sample analyzed outside of holding time; sample results have been evaluated.

I = Surrogate or tracer yield recoveries were outside of quality control limits; sample results have been evaluated.

J = The analyte was positively identified; however, the associated numerical value is the approximate concentration or activity of the analyte in the sample.

L = Matrix spike recoveries not within control limits.

O = Matrix spike duplicate relative percent difference (RPD), sample duplicate RPD, or relative error ratio (RER) not within control limits.

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B111-R140-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B111-R140-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R140-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R140-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R140-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B111-R140-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000057	0.36	
VI-B111-R140-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R140-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B111-R140-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R140-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B111-R140-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B111-R140-02	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B111-R140-02	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R140-02	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R140-02	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R140-02	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B111-R140-02	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000049	0.31	
VI-B111-R140-02	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R140-02	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B111-R140-02	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R140-02	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B111-R140-02	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B111-R140-03	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B111-R140-03	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R140-03	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R140-03	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R140-03	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B111-R140-03	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000042	0.26	
VI-B111-R140-03	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R140-03	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B111-R140-03	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R140-03	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B111-R140-03	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B111-R170-02	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B111-R170-02	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R170-02	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R170-02	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R170-02	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B111-R170-02	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000042	0.26	
VI-B111-R170-02	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R170-02	2/4/25	RTN	Radiello	Tetrachloroethene		0.000034	0.23	
VI-B111-R170-02	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R170-02	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B111-R170-02	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B111-R170-02	2/4/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B111-R170-02	2/4/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R170-02	2/4/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R170-02	2/4/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R170-02	2/4/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B111-R170-02	2/4/25	DUP	Radiello	Carbon tetrachloride		0.00005	0.31	
VI-B111-R170-02	2/4/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R170-02	2/4/25	DUP	Radiello	Tetrachloroethene		0.000047	0.32	
VI-B111-R170-02	2/4/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R170-02	2/4/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B111-R170-02	2/4/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B111-R174-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B111-R174-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R174-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R174-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R174-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B111-R174-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000046	0.29	
VI-B111-R174-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R174-01	2/4/25	RTN	Radiello	Tetrachloroethene		0.00003	0.2	
VI-B111-R174-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R174-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B111-R174-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B111-R174-01	2/4/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B111-R174-01	2/4/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B111-R174-01	2/4/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B111-R174-01	2/4/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B111-R174-01	2/4/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B111-R174-01	2/4/25	DUP	Radiello	Carbon tetrachloride		0.00005	0.31	
VI-B111-R174-01	2/4/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-B111-R174-01	2/4/25	DUP	Radiello	Tetrachloroethene		0.000033	0.22	
VI-B111-R174-01	2/4/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B111-R174-01	2/4/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B111-R174-01	2/4/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B411-R1204-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1204-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B411-R1204-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1204-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B411-R1204-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1204-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B411-R1204-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1204-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B411-R1204-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B411-R1204-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1204-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B411-R1301-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1301-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B411-R1301-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1301-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B411-R1301-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1301-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000037	0.23	
VI-B411-R1301-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1301-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B411-R1301-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B411-R1301-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1301-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B411-R1438-02	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1438-02	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B411-R1438-02	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1438-02	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B411-R1438-02	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1438-02	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B411-R1438-02	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1438-02	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B411-R1438-02	1/8/25	RTN	Radiello	Trichloroethene		0.000048	0.26	
VI-B411-R1438-02	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1438-02	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B411-R1440-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1440-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B411-R1440-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1440-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B411-R1440-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1440-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.00004	0.25	
VI-B411-R1440-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1440-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B411-R1440-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B411-R1440-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1440-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B411-R1561-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1561-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B411-R1561-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1561-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B411-R1561-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1561-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000032	0.2	
VI-B411-R1561-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1561-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B411-R1561-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B411-R1561-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1561-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B411-R1606-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1606-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B411-R1606-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1606-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B411-R1606-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1606-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000042	0.26	
VI-B411-R1606-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1606-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B411-R1606-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B411-R1606-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1606-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B411-R1660-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B411-R1660-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B411-R1660-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B411-R1660-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B411-R1660-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B411-R1660-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000045	0.28	
VI-B411-R1660-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B411-R1660-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B411-R1660-01	1/8/25	RTN	Radiello	Trichloroethene		0.000041	0.22	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B411-R1660-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B411-R1660-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B418-R121-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B418-R121-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B418-R121-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B418-R121-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B418-R121-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B418-R121-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000034	0.21	
VI-B418-R121-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B418-R121-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B418-R121-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B418-R121-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B418-R121-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B418-R150B-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B418-R150B-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B418-R150B-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B418-R150B-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B418-R150B-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B418-R150B-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000042	0.26	
VI-B418-R150B-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B418-R150B-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B418-R150B-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B418-R150B-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B418-R150B-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B418-R165-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B418-R165-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B418-R165-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B418-R165-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B418-R165-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B418-R165-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B418-R165-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B418-R165-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B418-R165-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B418-R165-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B418-R165-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B418-R173-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B418-R173-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B418-R173-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B418-R173-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B418-R173-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B418-R173-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.00004	0.25	
VI-B418-R173-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B418-R173-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B418-R173-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B418-R173-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B418-R173-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B418-R173-01	1/8/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B418-R173-01	1/8/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B418-R173-01	1/8/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B418-R173-01	1/8/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B418-R173-01	1/8/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B418-R173-01	1/8/25	DUP	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B418-R173-01	1/8/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-B418-R173-01	1/8/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B418-R173-01	1/8/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B418-R173-01	1/8/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B418-R173-01	1/8/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B511-R100-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R100-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R100-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R100-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R100-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R100-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B511-R100-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R100-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R100-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R100-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R100-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B511-R103-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B511-R103-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R103-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R103-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R103-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R103-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000046	0.29	
VI-B511-R103-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R103-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B511-R103-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B511-R103-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R103-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B511-R105E-01	1/22/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B511-R105E-01	1/22/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R105E-01	1/22/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R105E-01	1/22/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R105E-01	1/22/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R105E-01	1/22/25	DUP	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B511-R105E-01	1/22/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R105E-01	1/22/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R105E-01	1/22/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B511-R105E-01	1/22/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R105E-01	1/22/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B511-R105E-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B511-R105E-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R105E-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R105E-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R105E-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R105E-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000032	0.2	
VI-B511-R105E-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R105E-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R105E-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B511-R105E-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R105E-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B511-R107A-02	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B511-R107A-02	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R107A-02	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R107A-02	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R107A-02	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R107A-02	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000032	0.2	
VI-B511-R107A-02	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R107A-02	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R107A-02	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R107A-02	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R107A-02	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B511-R112A-02	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	E
VI-B511-R112A-02	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B511-R112A-02	1/22/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B511-R112A-02	1/22/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B511-R112A-02	1/22/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B511-R112A-02	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000047	0.3	
VI-B511-R112A-02	1/22/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B511-R112A-02	1/22/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B511-R112A-02	1/22/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B511-R112A-02	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B511-R112A-02	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000084	0.33	
VI-B511-R116A-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.00003	0.16	E
VI-B511-R116A-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B511-R116A-01	1/22/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B511-R116A-01	1/22/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B511-R116A-01	1/22/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B511-R116A-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000039	0.25	
VI-B511-R116A-01	1/22/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B511-R116A-01	1/22/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B511-R116A-01	1/22/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B511-R116A-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B511-R116A-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000084	0.33	
VI-B511-R117-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	E
VI-B511-R117-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000027	0.15	
VI-B511-R117-01	1/22/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B511-R117-01	1/22/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B511-R117-01	1/22/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B511-R117-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000033	0.21	
VI-B511-R117-01	1/22/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B511-R117-01	1/22/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B511-R117-01	1/22/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	
VI-B511-R117-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B511-R117-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	E
VI-B511-R118-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane		0.00012	0.65	
VI-B511-R118-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B511-R118-01	1/22/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B511-R118-01	1/22/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B511-R118-01	1/22/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B511-R118-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000043	0.27	
VI-B511-R118-01	1/22/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B511-R118-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R118-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R118-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R118-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	E
VI-B511-R118A-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R118A-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R118A-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R118A-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R118A-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R118A-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000033	0.21	
VI-B511-R118A-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R118A-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R118A-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R118A-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R118A-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	E
VI-B511-R118D-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R118D-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R118D-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R118D-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R118D-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R118D-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000036	0.23	
VI-B511-R118D-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R118D-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R118D-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R118D-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R118D-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	E
VI-B511-R132-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R132-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R132-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R132-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R132-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R132-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B511-R132-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R132-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R132-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R132-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R132-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene		0.00052	2.1	
VI-B511-R132-01	1/22/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B511-R132-01	1/22/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R132-01	1/22/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R132-01	1/22/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R132-01	1/22/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R132-01	1/22/25	DUP	Radiello	Carbon tetrachloride		0.000045	0.28	
VI-B511-R132-01	1/22/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R132-01	1/22/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R132-01	1/22/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R132-01	1/22/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R132-01	1/22/25	DUP	Radiello	trans-1,2-Dichloroethene		0.00058	2.3	
VI-B511-R136-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane		0.000037	0.2	
VI-B511-R136-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R136-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R136-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R136-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R136-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B511-R136-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	
VI-B511-R136-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R136-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R136-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R136-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene		0.0008	3.2	
VI-B511-R139-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R139-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R139-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R139-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R139-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R139-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000037	0.23	
VI-B511-R139-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R139-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R139-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R139-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R139-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	E
VI-B511-R144A-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R144A-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R144A-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R144A-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R144A-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R144A-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000033	0.21	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B511-R144A-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R144A-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R144A-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R144A-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R144A-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	E
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000032	0.2	
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	Trichloroethene		0.000033	0.18	
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R144C-PTH-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	E
VI-B511-R146-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R146-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R146-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R146-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R146-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R146-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000036	0.23	
VI-B511-R146-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R146-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R146-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R146-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R146-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	E
VI-B511-R148-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B511-R148-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R148-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R148-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R148-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R148-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000036	0.23	
VI-B511-R148-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R148-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R148-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R148-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R148-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B511-R151A-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R151A-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R151A-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R151A-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R151A-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R151A-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000036	0.23	
VI-B511-R151A-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R151A-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R151A-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R151A-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R151A-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	E
VI-B511-R158-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R158-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B511-R158-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R158-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R158-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R158-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B511-R158-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R158-01	1/22/25	RTN	Radiello	Tetrachloroethene		0.000028	0.19	
VI-B511-R158-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B511-R158-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R158-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	E
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B511-R211-PTH-01	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	E
VI-B516-R109B-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B516-R109B-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B516-R109B-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B516-R109B-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B516-R109B-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B516-R109B-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000054	0.34	
VI-B516-R109B-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B516-R109B-01	2/4/25	RTN	Radiello	Tetrachloroethene		0.000028	0.19	
VI-B516-R109B-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B516-R109B-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B516-R109B-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B516-R133-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000058	0.32	
VI-B516-R133-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000054	0.29	
VI-B516-R133-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000077	0.31	
VI-B516-R133-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00026	1	
VI-B516-R133-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000063	0.25	E
VI-B516-R133-01	2/4/25	RTN	Radiello	Carbon tetrachloride	<	0.000046	0.29	E
VI-B516-R133-01	2/4/25	RTN	Radiello	Chloroform	<	0.000054	0.26	E
VI-B516-R133-01	2/4/25	RTN	Radiello	Tetrachloroethene		0.000085	0.58	
VI-B516-R133-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000053	0.28	E
VI-B516-R133-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.000079	0.31	
VI-B516-R133-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.00016	0.63	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B517-CORR3-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.00005	0.31	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B517-CORR3-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B517-CORR3-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B517-CORR3-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B517-R1004-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B517-R1004-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B517-R1004-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B517-R1004-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B517-R1004-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B517-R1004-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B517-R1004-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B517-R1004-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B517-R1004-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B517-R1004-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B517-R1004-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B517-R1136-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B517-R1136-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B517-R1136-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B517-R1136-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B517-R1136-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B517-R1136-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000051	0.32	
VI-B517-R1136-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B517-R1136-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B517-R1136-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B517-R1136-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B517-R1136-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B519-R104-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B519-R104-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B519-R104-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B519-R104-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B519-R104-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B519-R104-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B519-R104-01	1/8/25	RTN	Radiello	Chloroform		0.000043	0.21	
VI-B519-R104-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B519-R104-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B519-R104-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B519-R104-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B519-R104-01	1/8/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	E
VI-B519-R104-01	1/8/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B519-R104-01	1/8/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B519-R104-01	1/8/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B519-R104-01	1/8/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B519-R104-01	1/8/25	DUP	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B519-R104-01	1/8/25	DUP	Radiello	Chloroform		0.000041	0.2	
VI-B519-R104-01	1/8/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B519-R104-01	1/8/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B519-R104-01	1/8/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B519-R104-01	1/8/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B519-R110-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane		0.000098	0.53	
VI-B519-R110-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B519-R110-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B519-R110-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B519-R110-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B519-R110-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B519-R110-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	
VI-B519-R110-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B519-R110-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B519-R110-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B519-R110-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B519-R110B-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane		0.000095	0.52	
VI-B519-R110B-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B519-R110B-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B519-R110B-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B519-R110B-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B519-R110B-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B519-R110B-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B519-R110B-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B519-R110B-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B519-R110B-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B519-R110B-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B519-R124-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane		0.00016	0.87	
VI-B519-R124-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B519-R124-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B519-R124-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B519-R124-01	1/8/25	RTN	Radiello	1,2-Dichloroethane		0.000055	0.22	
VI-B519-R124-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000035	0.22	
VI-B519-R124-01	1/8/25	RTN	Radiello	Chloroform		0.000027	0.13	
VI-B519-R124-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B519-R124-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B519-R124-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B519-R124-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B519A-R100-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B519A-R100-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B519A-R100-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B519A-R100-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B519A-R100-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B519A-R100-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000033	0.21	
VI-B519A-R100-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B519A-R100-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B519A-R100-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B519A-R100-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B519A-R100-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B523-R1000-01	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B523-R1000-01	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B523-R1000-01	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B523-R1000-01	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B523-R1000-01	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B523-R1000-01	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000042	0.26	
VI-B523-R1000-01	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B523-R1000-01	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B523-R1000-01	1/8/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-B523-R1000-01	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B523-R1000-01	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000038	0.24	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-1-CORR3-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000043	0.27	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-1-CORR6-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.00004	0.25	
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551E-1-CORR7-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000084	0.33	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000027	0.15	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000039	0.25	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000026	0.14	E
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551E-2-CORR8-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	
VI-B551E-R101-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551E-R101-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000027	0.15	
VI-B551E-R101-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551E-R101-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551E-R101-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551E-R101-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000045	0.28	
VI-B551E-R101-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551E-R101-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551E-R101-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551E-R101-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551E-R101-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551E-R1063-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000033	0.21	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551E-R1063-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551E-R1063-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-R1063-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R1063-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R1090-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000046	0.29	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-R1090-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R1090-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-R1090-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R1090-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R1097-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	Chloroform		0.000044	0.21	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R1097-01	2/19/25	RTN	Radiello	Trichloroethene		0.000046	0.25	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R1097-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R1097-01	2/19/25	DUP	Radiello	Carbon tetrachloride		0.000034	0.21	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	Chloroform		0.000037	0.18	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R1097-01	2/19/25	DUP	Radiello	Trichloroethene		0.000037	0.2	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R1097-01	2/19/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551E-R2065-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R2065-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000033	0.21	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-R2065-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000026	0.14	E
VI-B551E-R2065-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R2065-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R2082-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000031	0.2	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-R2082-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R2082-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-R2082-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R2082-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		0.000032	0.13	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000045	0.28	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-R2106-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R2106-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-R2106-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R2106-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R2110-02	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551E-R2110-02	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R2110-02	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-R2110-02	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R2110-02	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551E-R219-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551E-R219-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B551E-R219-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551E-R219-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551E-R219-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551E-R219-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B551E-R219-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551E-R219-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551E-R219-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551E-R219-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551E-R219-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.00003	0.19	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-1-CORR1-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000043	0.27	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	Chloroform		0.000027	0.13	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-1-CORR10-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000053	0.33	
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551W-1-CORR11-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000046	0.29	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551W-2-CORR1-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	E
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		0.000035	0.14	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000076	0.48	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	Chloroform		0.000031	0.15	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551W-2-CORR11-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000084	0.33	
VI-B551W-R1250-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551W-R1250-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000027	0.15	
VI-B551W-R1250-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551W-R1250-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551W-R1250-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551W-R1250-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000046	0.29	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551W-R1250-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R1250-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-R1250-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-R1250-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R1250-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-R1324-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000043	0.27	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R1324-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-R1324-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R1324-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-R1404-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000043	0.27	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R1404-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-R1404-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-R1404-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R1404-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-R1415-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000046	0.29	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R1415-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-R1415-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-R1415-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R1415-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551W-R2208-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-B551W-R2208-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551W-R2208-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R2208-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R2208-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-R2208-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B551W-R2208-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R2208-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-R2208-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-R2208-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R2208-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	Trichloroethene		0.000057	0.31	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R2310A-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-B551W-R2316-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-B551W-R2316-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-B551W-R2316-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-B551W-R2316-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-B551W-R2316-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-B551W-R2372-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000042	0.26	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551W-R2372-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551W-R2372-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551W-R2372-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551W-R2372-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551W-R2408-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000043	0.27	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551W-R2408-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551W-R2408-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551W-R2408-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551W-R2408-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000084	0.33	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000027	0.15	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-B551W-RB100-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000035	0.22	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-B551W-RB100-01	2/19/25	RTN	Radiello	Tetrachloroethene		< 0.000025	0.17	E
VI-B551W-RB100-01	2/19/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	E
VI-B551W-RB100-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	
VI-B551W-RB100-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene		< 0.000083	0.33	
VI-LS-CFS-002	2/4/25	RTN	Radiello	1,1,1-Trichloroethane		< 0.000029	0.16	
VI-LS-CFS-002	2/4/25	RTN	Radiello	1,1,2-Trichloroethane		< 0.000028	0.15	
VI-LS-CFS-002	2/4/25	RTN	Radiello	1,1-Dichloroethane		< 0.000039	0.16	
VI-LS-CFS-002	2/4/25	RTN	Radiello	1,1-Dichloroethene		< 0.00013	0.52	
VI-LS-CFS-002	2/4/25	RTN	Radiello	1,2-Dichloroethane		< 0.000032	0.13	E
VI-LS-CFS-002	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000037	0.23	
VI-LS-CFS-002	2/4/25	RTN	Radiello	Chloroform		< 0.000027	0.13	E
VI-LS-CFS-002	2/4/25	RTN	Radiello	Tetrachloroethene		0.000038	0.26	
VI-LS-CFS-002	2/4/25	RTN	Radiello	Trichloroethene		< 0.000027	0.15	
VI-LS-CFS-002	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene		< 0.00004	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-LS-CFS-002	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-LS-OUT-002	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-002	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-LS-OUT-002	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-002	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-002	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-002	1/22/25	RTN	Radiello	Carbon tetrachloride		0.00005	0.31	
VI-LS-OUT-002	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-002	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-002	1/22/25	RTN	Radiello	Trichloroethene	<	0.000026	0.14	
VI-LS-OUT-002	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-002	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-002	1/22/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-002	1/22/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-LS-OUT-002	1/22/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-002	1/22/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-002	1/22/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-002	1/22/25	DUP	Radiello	Carbon tetrachloride		0.000035	0.22	
VI-LS-OUT-002	1/22/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-002	1/22/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-002	1/22/25	DUP	Radiello	Trichloroethene	<	0.000026	0.14	
VI-LS-OUT-002	1/22/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-002	1/22/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-003	1/22/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-003	1/22/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-LS-OUT-003	1/22/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-003	1/22/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-003	1/22/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-003	1/22/25	RTN	Radiello	Carbon tetrachloride		0.000049	0.31	
VI-LS-OUT-003	1/22/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-003	1/22/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-LS-OUT-003	1/22/25	RTN	Radiello	Trichloroethene	<	0.000026	0.14	
VI-LS-OUT-003	1/22/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-003	1/22/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-004	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-004	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-004	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-004	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-LS-OUT-004	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-004	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000049	0.31	
VI-LS-OUT-004	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-004	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-LS-OUT-004	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-LS-OUT-004	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-004	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-LS-OUT-009	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-009	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-009	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-009	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-009	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-009	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000053	0.33	
VI-LS-OUT-009	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-009	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-LS-OUT-009	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-LS-OUT-009	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-009	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-012	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-012	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-LS-OUT-012	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-012	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-012	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-012	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000056	0.35	
VI-LS-OUT-012	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-012	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-012	1/8/25	RTN	Radiello	Trichloroethene	<	0.000026	0.14	
VI-LS-OUT-012	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-012	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-015	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-015	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-LS-OUT-015	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-015	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-015	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-015	1/8/25	RTN	Radiello	Carbon tetrachloride		0.000048	0.3	
VI-LS-OUT-015	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-015	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-015	1/8/25	RTN	Radiello	Trichloroethene	<	0.000026	0.14	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-LS-OUT-015	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-015	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-017	1/8/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-017	1/8/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000027	0.15	
VI-LS-OUT-017	1/8/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-017	1/8/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-017	1/8/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	
VI-LS-OUT-017	1/8/25	RTN	Radiello	Carbon tetrachloride	<	0.000023	0.14	
VI-LS-OUT-017	1/8/25	RTN	Radiello	Chloroform	<	0.000027	0.13	
VI-LS-OUT-017	1/8/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-017	1/8/25	RTN	Radiello	Trichloroethene	<	0.000026	0.14	
VI-LS-OUT-017	1/8/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-017	1/8/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-017	2/4/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-LS-OUT-017	2/4/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-017	2/4/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-017	2/4/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-017	2/4/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-017	2/4/25	DUP	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-LS-OUT-017	2/4/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-017	2/4/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-017	2/4/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	
VI-LS-OUT-017	2/4/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-017	2/4/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-LS-OUT-017	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.00003	0.16	
VI-LS-OUT-017	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-017	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-017	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-017	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-017	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000037	0.23	
VI-LS-OUT-017	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-017	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-017	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-LS-OUT-017	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-017	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-LS-OUT-018	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-018	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-018	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-LS-OUT-018	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-018	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-018	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-LS-OUT-018	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-018	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-018	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-LS-OUT-018	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-018	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-018	2/19/25	DUP	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-018	2/19/25	DUP	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-018	2/19/25	DUP	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-018	2/19/25	DUP	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-018	2/19/25	DUP	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-018	2/19/25	DUP	Radiello	Carbon tetrachloride		0.000048	0.3	
VI-LS-OUT-018	2/19/25	DUP	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-018	2/19/25	DUP	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-LS-OUT-018	2/19/25	DUP	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-LS-OUT-018	2/19/25	DUP	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-018	2/19/25	DUP	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-LS-OUT-019	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-LS-OUT-019	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-LS-OUT-019	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-LS-OUT-019	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-LS-OUT-019	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-LS-OUT-019	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000057	0.36	
VI-LS-OUT-019	2/19/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-LS-OUT-019	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-LS-OUT-019	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-LS-OUT-019	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-LS-OUT-019	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-T5627-CRL-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000047	0.3	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-T5627-CRL-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Location	Date	Sample type	Sample method	Parameter	LOS indicator	Result in PPM(V/V)	Result in µg/m^3	QA flag
VI-T5627-CRL-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-T5627-CRL-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-T5627-CRL-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-T5627-R1018-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000044	0.28	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-T5627-R1018-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-T5627-R1018-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-T5627-R1032-01	2/19/25	RTN	Radiello	Carbon tetrachloride		0.000041	0.26	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	Chloroform		0.000032	0.16	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-T5627-R1032-01	2/19/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-T5627-R1032-01	2/19/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000083	0.33	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	1,1,1-Trichloroethane	<	0.000029	0.16	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	1,1,2-Trichloroethane	<	0.000028	0.15	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	1,1-Dichloroethane	<	0.000039	0.16	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	1,1-Dichloroethene	<	0.00013	0.52	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	1,2-Dichloroethane	<	0.000032	0.13	E
VI-T5627-R1075-01	2/4/25	RTN	Radiello	Carbon tetrachloride		0.000049	0.31	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	Chloroform	<	0.000027	0.13	E
VI-T5627-R1075-01	2/4/25	RTN	Radiello	Tetrachloroethene	<	0.000025	0.17	E
VI-T5627-R1075-01	2/4/25	RTN	Radiello	Trichloroethene	<	0.000027	0.15	E
VI-T5627-R1075-01	2/4/25	RTN	Radiello	cis-1,2-Dichloroethene	<	0.00004	0.16	
VI-T5627-R1075-01	2/4/25	RTN	Radiello	trans-1,2-Dichloroethene	<	0.000084	0.33	

Table 2-3. Ambient air analytical data for samples collected as part of the long-term indoor air sampling program at the Livermore Site in 2025.

Notes:

PPM(V/V) = parts per million on a volume-to-volume basis; µg/m3 = micrograms per cubic meter; DUP = duplicate sample; LOS = limit of sensitivity; QA = quality assurance; RTN = routine sample.

< Indicates the measured value is less than the reporting limit.

Location naming convention
VI = Vapor intrusion
B = Building
T = Trailer
R = Room
-2- = Building floor number if the building has multiple floors and the same corridor number exists on multiple floors.
CORR = Corridor
CFS = Confined space
CRL = Crawl space
OUT = Outdoor
PTH = Pathway
-01 or -001 = Sample location number if multiple locations within the same room or sequential number pertaining to confined space and outdoor locations.

Data qualifier flags
B = Analyte found in method blank; sample results have been evaluated.
D = Analysis performed at a secondary dilution or concentration.
E = The analyte was detected below the LLNL reporting limit, but above, or equal to, the analytical laboratory minimum detection limit or activity.
F = Analyte found in field blank, trip blank, or equipment blank; sample results have been evaluated.
H = Sample analyzed outside of holding time; sample results have been evaluated.
I = Surrogate or tracer yield recoveries were outside of quality control limits; sample results have been evaluated.
J = The analyte was positively identified; however, the associated numerical value is the approximate concentration or activity of the analyte in the sample.
L = Matrix spike recoveries not within control limits.
O = Matrix spike duplicate relative percent difference (RPD), sample duplicate RPD, or relative error ratio (RER) not within control limits.

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1212	06/18/25	RTN	Field Dissolved Oxygen		1.72	PPM	
W-1212	06/18/25	RTN	Field Oxidation Potential (Eh)		213.8	mVolts	
W-1212	06/18/25	RTN	Field Specific Conductance		1072	umhos/cm	
W-1212	06/18/25	RTN	Field Temperature		20.6	Degrees C	
W-1212	06/18/25	RTN	Field pH		7.24	Units	
W-1212	07/24/25	RTN	Field Dissolved Oxygen		1.19	PPM	
W-1212	07/24/25	RTN	Field Oxidation Potential (Eh)		160.5	mVolts	
W-1212	07/24/25	RTN	Field Specific Conductance		1077	umhos/cm	
W-1212	07/24/25	RTN	Field Temperature		20.6	Degrees C	
W-1212	07/24/25	RTN	Field pH		7.37	Units	
W-1212	07/24/25	RTN	Chloride		68	mg/L	
W-1212	07/24/25	RTN	Ethane		< 2	ug/L	
W-1212	07/24/25	RTN	Ethylene		< 2	ug/L	
W-1212	07/24/25	RTN	Methane		3.3	ug/L	
W-1212	07/24/25	RTN	Nitrate (as NO3)		26	mg/L	
W-1212	07/24/25	RTN	Sulfate		20	mg/L	
W-1212	07/24/25	RTN	Field Oxidation Potential (Eh)		219	mVolts	
W-1212	07/24/25	RTN	Field Specific Conductance		979.8	umhos/cm	
W-1212	07/24/25	RTN	Field Temperature		20.1	Degrees C	
W-1212	07/24/25	RTN	Field pH		7.57	Units	
W-1212	08/20/25	RTN	Field Dissolved Oxygen		1.97	PPM	
W-1212	08/20/25	RTN	Field Oxidation Potential (Eh)		-15	mVolts	
W-1212	08/20/25	RTN	Field Specific Conductance		1012	umhos/cm	
W-1212	08/20/25	RTN	Field Temperature		20.6	Degrees C	
W-1212	08/20/25	RTN	Field pH		7.49	Units	
W-1212	09/17/25	RTN	Field Dissolved Oxygen		1.62	PPM	
W-1212	09/17/25	RTN	Field Oxidation Potential (Eh)		66.1	mVolts	
W-1212	09/17/25	RTN	Field Specific Conductance		1019	umhos/cm	
W-1212	09/17/25	RTN	Field Temperature		20.8	Degrees C	
W-1212	09/17/25	RTN	Field pH		7.23	Units	
W-1212	10/22/25	RTN	Field Dissolved Oxygen		1.1	PPM	
W-1212	10/22/25	RTN	Field Oxidation Potential (Eh)		-4.2	mVolts	
W-1212	10/22/25	RTN	Field Specific Conductance		1043	umhos/cm	
W-1212	10/22/25	RTN	Field Temperature		20.8	Degrees C	
W-1212	10/22/25	RTN	Field pH		7.24	Units	
W-1212	10/22/25	RTN	Field Oxidation Potential (Eh)		202	mVolts	
W-1212	10/22/25	RTN	Field Specific Conductance		974.2	umhos/cm	
W-1212	10/22/25	RTN	Field Temperature		19.1	Degrees C	
W-1212	10/22/25	RTN	Field pH		7.19	Units	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1212	11/20/25	RTN	Field Dissolved Oxygen		1.23	PPM	
W-1212	11/20/25	RTN	Field Oxidation Potential (Eh)		227	mVolts	
W-1212	11/20/25	RTN	Field Specific Conductance		1039	umhos/cm	
W-1212	11/20/25	RTN	Field Temperature		20.5	Degrees C	
W-1212	11/20/25	RTN	Field pH		7.18	Units	
W-1212	12/17/25	RTN	Field Dissolved Oxygen		1.8	PPM	
W-1212	12/17/25	RTN	Field Oxidation Potential (Eh)		226.2	mVolts	
W-1212	12/17/25	RTN	Field Specific Conductance		996	umhos/cm	
W-1212	12/17/25	RTN	Field Temperature		20.5	Degrees C	
W-1212	12/17/25	RTN	Field pH		7.22	Units	
W-1213	02/20/25	RTN	Field Dissolved Oxygen		8.53	PPM	
W-1213	02/20/25	RTN	Field Oxidation Potential (Eh)		207.9	mVolts	
W-1213	02/20/25	RTN	Field Specific Conductance		498.9	umhos/cm	
W-1213	02/20/25	RTN	Field Temperature		19.5	Degrees C	
W-1213	02/20/25	RTN	Field pH		7.25	Units	
W-1213	03/18/25	RTN	Field Dissolved Oxygen		7.94	PPM	
W-1213	03/18/25	RTN	Field Oxidation Potential (Eh)		35.7	mVolts	
W-1213	03/18/25	RTN	Field Specific Conductance		1045	umhos/cm	
W-1213	03/18/25	RTN	Field Temperature		20.5	Degrees C	
W-1213	03/18/25	RTN	Field pH		7.63	Units	
W-1213	04/23/25	RTN	Field Dissolved Oxygen		7.39	PPM	
W-1213	04/23/25	RTN	Field Oxidation Potential (Eh)		163.3	mVolts	
W-1213	04/23/25	RTN	Field Specific Conductance		1013	umhos/cm	
W-1213	04/23/25	RTN	Field Temperature		18.5	Degrees C	
W-1213	04/23/25	RTN	Field pH		7.8	Units	
W-1213	06/18/25	RTN	Field Dissolved Oxygen		7.41	PPM	
W-1213	06/18/25	RTN	Field Oxidation Potential (Eh)		224.9	mVolts	
W-1213	06/18/25	RTN	Field Specific Conductance		1132	umhos/cm	
W-1213	06/18/25	RTN	Field Temperature		21.3	Degrees C	
W-1213	06/18/25	RTN	Field pH		7.43	Units	
W-1213	07/24/25	RTN	Field Dissolved Oxygen		7.29	PPM	
W-1213	07/24/25	RTN	Field Oxidation Potential (Eh)		175	mVolts	
W-1213	07/24/25	RTN	Field Specific Conductance		1132	umhos/cm	
W-1213	07/24/25	RTN	Field Temperature		20.2	Degrees C	
W-1213	07/24/25	RTN	Field pH		7.5	Units	
W-1213	08/20/25	RTN	Field Dissolved Oxygen		7.54	PPM	
W-1213	08/20/25	RTN	Field Oxidation Potential (Eh)		152	mVolts	
W-1213	08/20/25	RTN	Field Specific Conductance		1074	umhos/cm	
W-1213	08/20/25	RTN	Field Temperature		20.6	Degrees C	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1213	08/20/25	RTN	Field pH		7.44	Units	
W-1213	09/17/25	RTN	Field Dissolved Oxygen		6.65	PPM	
W-1213	09/17/25	RTN	Field Oxidation Potential (Eh)		-64.1	mVolts	
W-1213	09/17/25	RTN	Field Specific Conductance		1096	umhos/cm	
W-1213	09/17/25	RTN	Field Temperature		21.4	Degrees C	
W-1213	09/17/25	RTN	Field pH		7.35	Units	
W-1213	10/22/25	RTN	Field Dissolved Oxygen		7.09	PPM	
W-1213	10/22/25	RTN	Field Oxidation Potential (Eh)		145.8	mVolts	
W-1213	10/22/25	RTN	Field Specific Conductance		1096	umhos/cm	
W-1213	10/22/25	RTN	Field Temperature		19.7	Degrees C	
W-1213	10/22/25	RTN	Field pH		7.31	Units	
W-1213	11/20/25	RTN	Field Dissolved Oxygen		7.63	PPM	
W-1213	11/20/25	RTN	Field Oxidation Potential (Eh)		198.9	mVolts	
W-1213	11/20/25	RTN	Field Specific Conductance		1099	umhos/cm	
W-1213	11/20/25	RTN	Field Temperature		19.6	Degrees C	
W-1213	11/20/25	RTN	Field pH		7.28	Units	
W-1213	12/17/25	RTN	Field Dissolved Oxygen		7.45	PPM	
W-1213	12/17/25	RTN	Field Oxidation Potential (Eh)		119.8	mVolts	
W-1213	12/17/25	RTN	Field Specific Conductance		1046	umhos/cm	
W-1213	12/17/25	RTN	Field Temperature		19.5	Degrees C	
W-1213	12/17/25	RTN	Field pH		7.36	Units	
W-1650	01/23/25	RTN	Field Dissolved Oxygen		1.08	PPM	
W-1650	01/23/25	RTN	Field Oxidation Potential (Eh)		-67.8	mVolts	
W-1650	01/23/25	RTN	Field Specific Conductance		1536	umhos/cm	
W-1650	01/23/25	RTN	Field Temperature		19.9	Degrees C	
W-1650	01/23/25	RTN	Field pH		7.09	Units	
W-1650	02/20/25	RTN	Field Dissolved Oxygen		0.73	PPM	
W-1650	02/20/25	RTN	Field Oxidation Potential (Eh)		-64.7	mVolts	
W-1650	02/20/25	RTN	Field Specific Conductance		1552	umhos/cm	
W-1650	02/20/25	RTN	Field Temperature		19.9	Degrees C	
W-1650	02/20/25	RTN	Field pH		6.97	Units	
W-1650	03/18/25	RTN	Field Dissolved Oxygen		0.82	PPM	
W-1650	03/18/25	RTN	Field Oxidation Potential (Eh)		-56.5	mVolts	
W-1650	03/18/25	RTN	Field Specific Conductance		1500	umhos/cm	
W-1650	03/18/25	RTN	Field Temperature		19.9	Degrees C	
W-1650	03/18/25	RTN	Field pH		7	Units	
W-1650	04/23/25	RTN	Field Dissolved Oxygen		0.76	PPM	
W-1650	04/23/25	RTN	Field Oxidation Potential (Eh)		-78	mVolts	
W-1650	04/23/25	RTN	Field Specific Conductance		1475	umhos/cm	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1650	08/21/25	RTN	Sulfate		49	mg/L	D
W-1650	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1650	08/21/25	RTN	Vanadium	<	0.02	mg/L	
W-1650	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1650	09/17/25	RTN	Field Dissolved Oxygen		0.44	PPM	
W-1650	09/17/25	RTN	Field Oxidation Potential (Eh)		-70.7	mVolts	
W-1650	09/17/25	RTN	Field Specific Conductance		1521	umhos/cm	
W-1650	09/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1650	09/17/25	RTN	Field pH		6.86	Units	
W-1650	10/22/25	RTN	Field Dissolved Oxygen		0.11	PPM	
W-1650	10/22/25	RTN	Field Oxidation Potential (Eh)		-63.3	mVolts	
W-1650	10/22/25	RTN	Field Specific Conductance		1570	umhos/cm	
W-1650	10/22/25	RTN	Field Temperature		20	Degrees C	
W-1650	10/22/25	RTN	Field pH		6.83	Units	
W-1650	11/20/25	RTN	Field Dissolved Oxygen		0.26	PPM	
W-1650	11/20/25	RTN	Field Oxidation Potential (Eh)		-61.1	mVolts	
W-1650	11/20/25	RTN	Field Specific Conductance		1562	umhos/cm	
W-1650	11/20/25	RTN	Field Temperature		19.9	Degrees C	
W-1650	11/20/25	RTN	Field pH		6.91	Units	
W-1650	12/17/25	RTN	Field Dissolved Oxygen		0.51	PPM	
W-1650	12/17/25	RTN	Field Oxidation Potential (Eh)		-60.8	mVolts	
W-1650	12/17/25	RTN	Field Specific Conductance		1500	umhos/cm	
W-1650	12/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1650	12/17/25	RTN	Field pH		6.75	Units	
W-1651	01/23/25	RTN	Field Dissolved Oxygen		0.51	PPM	
W-1651	01/23/25	RTN	Field Oxidation Potential (Eh)		-52.3	mVolts	
W-1651	01/23/25	RTN	Field Specific Conductance		1550	umhos/cm	
W-1651	01/23/25	RTN	Field Temperature		19.9	Degrees C	
W-1651	01/23/25	RTN	Field pH		7.03	Units	
W-1651	02/20/25	RTN	Field Dissolved Oxygen		0.54	PPM	
W-1651	02/20/25	RTN	Field Oxidation Potential (Eh)		-58.2	mVolts	
W-1651	02/20/25	RTN	Field Specific Conductance		1553	umhos/cm	
W-1651	02/20/25	RTN	Field Temperature		19.9	Degrees C	
W-1651	02/20/25	RTN	Field pH		7.07	Units	
W-1651	03/18/25	RTN	Field Dissolved Oxygen		0.73	PPM	
W-1651	03/18/25	RTN	Field Oxidation Potential (Eh)		-54.6	mVolts	
W-1651	03/18/25	RTN	Field Specific Conductance		1508	umhos/cm	
W-1651	03/18/25	RTN	Field Temperature		20	Degrees C	
W-1651	03/18/25	RTN	Field pH		7.12	Units	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1651	04/23/25	RTN	Field Dissolved Oxygen		0.69	PPM	
W-1651	04/23/25	RTN	Field Oxidation Potential (Eh)		64.6	mVolts	
W-1651	04/23/25	RTN	Field Specific Conductance		1492	umhos/cm	
W-1651	04/23/25	RTN	Field Temperature		19.9	Degrees C	
W-1651	04/23/25	RTN	Field pH		7.17	Units	
W-1651	05/21/25	RTN	Field Dissolved Oxygen		0.43	PPM	
W-1651	05/21/25	RTN	Field Oxidation Potential (Eh)		-70.2	mVolts	
W-1651	05/21/25	RTN	Field Specific Conductance		1508	umhos/cm	
W-1651	05/21/25	RTN	Field Temperature		20	Degrees C	
W-1651	05/21/25	RTN	Field pH		7.02	Units	
W-1651	06/18/25	RTN	Field Dissolved Oxygen		0.42	PPM	
W-1651	06/18/25	RTN	Field Oxidation Potential (Eh)		-65.6	mVolts	
W-1651	06/18/25	RTN	Field Specific Conductance		1644	umhos/cm	
W-1651	06/18/25	RTN	Field Temperature		20	Degrees C	
W-1651	06/18/25	RTN	Field pH		6.89	Units	
W-1651	07/24/25	RTN	Field Dissolved Oxygen		0.47	PPM	
W-1651	07/24/25	RTN	Field Oxidation Potential (Eh)		-1.8	mVolts	
W-1651	07/24/25	RTN	Field Specific Conductance		1680	umhos/cm	
W-1651	07/24/25	RTN	Field Temperature		20	Degrees C	
W-1651	07/24/25	RTN	Field pH		7.01	Units	
W-1651	08/20/25	RTN	Field Dissolved Oxygen		0.38	PPM	
W-1651	08/20/25	RTN	Field Oxidation Potential (Eh)		-35.1	mVolts	
W-1651	08/20/25	RTN	Field Specific Conductance		1567	umhos/cm	
W-1651	08/20/25	RTN	Field Temperature		20	Degrees C	
W-1651	08/20/25	RTN	Field pH		6.89	Units	
W-1651	08/21/25	RTN	Aluminum		< 0.05	mg/L	
W-1651	08/21/25	RTN	Antimony		< 0.025	mg/L	D
W-1651	08/21/25	RTN	Arsenic		< 0.01	mg/L	D
W-1651	08/21/25	RTN	Barium		0.15	mg/L	
W-1651	08/21/25	RTN	Beryllium		< 0.001	mg/L	D
W-1651	08/21/25	RTN	Boron		2.1	mg/L	
W-1651	08/21/25	RTN	Cadmium		< 0.0025	mg/L	D
W-1651	08/21/25	RTN	Cobalt		< 0.05	mg/L	
W-1651	08/21/25	RTN	Copper		0.0053	mg/L	D
W-1651	08/21/25	RTN	Iron		< 0.1	mg/L	
W-1651	08/21/25	RTN	Manganese		0.073	mg/L	
W-1651	08/21/25	RTN	Mercury		< 0.0002	mg/L	
W-1651	08/21/25	RTN	Molybdenum		< 0.12	mg/L	D
W-1651	08/21/25	RTN	Nickel		< 0.01	mg/L	D

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1651	08/21/25	RTN	Nitrate (as NO3)		24	mg/L	D
W-1651	08/21/25	RTN	Selenium	<	0.01	mg/L	D
W-1651	08/21/25	RTN	Silver	<	0.005	mg/L	D
W-1651	08/21/25	RTN	Sulfate		77	mg/L	D
W-1651	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1651	08/21/25	RTN	Vanadium	<	0.02	mg/L	
W-1651	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1651	09/17/25	RTN	Field Dissolved Oxygen		0.35	PPM	
W-1651	09/17/25	RTN	Field Oxidation Potential (Eh)		-37.2	mVolts	
W-1651	09/17/25	RTN	Field Specific Conductance		1578	umhos/cm	
W-1651	09/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1651	09/17/25	RTN	Field pH		6.93	Units	
W-1651	10/22/25	RTN	Field Dissolved Oxygen		0.16	PPM	
W-1651	10/22/25	RTN	Field Oxidation Potential (Eh)		-26.5	mVolts	
W-1651	10/22/25	RTN	Field Specific Conductance		1621	umhos/cm	
W-1651	10/22/25	RTN	Field Temperature		20	Degrees C	
W-1651	10/22/25	RTN	Field pH		6.91	Units	
W-1651	11/20/25	RTN	Field Dissolved Oxygen		0.2	PPM	
W-1651	11/20/25	RTN	Field Oxidation Potential (Eh)		-90.5	mVolts	
W-1651	11/20/25	RTN	Field Specific Conductance		1235	umhos/cm	
W-1651	11/20/25	RTN	Field Temperature		19.9	Degrees C	
W-1651	11/20/25	RTN	Field pH		6.83	Units	
W-1651	12/17/25	RTN	Field Dissolved Oxygen		0.44	PPM	
W-1651	12/17/25	RTN	Field Oxidation Potential (Eh)		-28.4	mVolts	
W-1651	12/17/25	RTN	Field Specific Conductance		1517	umhos/cm	
W-1651	12/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1651	12/17/25	RTN	Field pH		6.84	Units	
W-1652	01/23/25	RTN	Field Dissolved Oxygen		0.67	PPM	
W-1652	01/23/25	RTN	Field Oxidation Potential (Eh)		-85.3	mVolts	
W-1652	01/23/25	RTN	Field Specific Conductance		1936	umhos/cm	
W-1652	01/23/25	RTN	Field Temperature		20	Degrees C	
W-1652	01/23/25	RTN	Field pH		6.37	Units	
W-1652	02/20/25	RTN	Field Dissolved Oxygen		0.71	PPM	
W-1652	02/20/25	RTN	Field Oxidation Potential (Eh)		-87.4	mVolts	
W-1652	02/20/25	RTN	Field Specific Conductance		1928	umhos/cm	
W-1652	02/20/25	RTN	Field Temperature		20	Degrees C	
W-1652	02/20/25	RTN	Field pH		6.31	Units	
W-1652	03/18/25	RTN	Field Dissolved Oxygen		0.58	PPM	
W-1652	03/18/25	RTN	Field Oxidation Potential (Eh)		-89.5	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1652	03/18/25	RTN	Field Specific Conductance		1863	umhos/cm	
W-1652	03/18/25	RTN	Field Temperature		20.2	Degrees C	
W-1652	03/18/25	RTN	Field pH		6.36	Units	
W-1652	04/23/25	RTN	Field Dissolved Oxygen		1.21	PPM	
W-1652	04/23/25	RTN	Field Oxidation Potential (Eh)		-108.1	mVolts	
W-1652	04/23/25	RTN	Field Specific Conductance		1787	umhos/cm	
W-1652	04/23/25	RTN	Field Temperature		19.8	Degrees C	
W-1652	04/23/25	RTN	Field pH		6.57	Units	
W-1652	05/21/25	RTN	Field Dissolved Oxygen		0.56	PPM	
W-1652	05/21/25	RTN	Field Oxidation Potential (Eh)		-89	mVolts	
W-1652	05/21/25	RTN	Field Specific Conductance		1781	umhos/cm	
W-1652	05/21/25	RTN	Field Temperature		20.1	Degrees C	
W-1652	05/21/25	RTN	Field pH		6.33	Units	
W-1652	06/18/25	RTN	Field Dissolved Oxygen		0.46	PPM	
W-1652	06/18/25	RTN	Field Oxidation Potential (Eh)		-63.6	mVolts	
W-1652	06/18/25	RTN	Field Specific Conductance		1914	umhos/cm	
W-1652	06/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1652	06/18/25	RTN	Field pH		6.21	Units	
W-1652	07/24/25	RTN	Field Dissolved Oxygen		0.27	PPM	
W-1652	07/24/25	RTN	Field Oxidation Potential (Eh)		-103.2	mVolts	
W-1652	07/24/25	RTN	Field Specific Conductance		1912	umhos/cm	
W-1652	07/24/25	RTN	Field Temperature		20.1	Degrees C	
W-1652	07/24/25	RTN	Field pH		6.42	Units	
W-1652	08/20/25	RTN	Field Dissolved Oxygen		0.51	PPM	
W-1652	08/20/25	RTN	Field Oxidation Potential (Eh)		-110.4	mVolts	
W-1652	08/20/25	RTN	Field Specific Conductance		1765	umhos/cm	
W-1652	08/20/25	RTN	Field Temperature		20.1	Degrees C	
W-1652	08/20/25	RTN	Field pH		6.24	Units	
W-1652	08/21/25	RTN	Aluminum	<	0.05	mg/L	
W-1652	08/21/25	RTN	Antimony	<	0.025	mg/L	D
W-1652	08/21/25	RTN	Arsenic		0.028	mg/L	D
W-1652	08/21/25	RTN	Barium		0.53	mg/L	
W-1652	08/21/25	RTN	Beryllium	<	0.001	mg/L	D
W-1652	08/21/25	RTN	Boron		2.3	mg/L	
W-1652	08/21/25	RTN	Cadmium	<	0.0025	mg/L	D
W-1652	08/21/25	RTN	Cobalt	<	0.05	mg/L	
W-1652	08/21/25	RTN	Copper	<	0.005	mg/L	D
W-1652	08/21/25	RTN	Iron		47	mg/L	
W-1652	08/21/25	RTN	Manganese		17	mg/L	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1652	08/21/25	RTN	Mercury	<	0.0002	mg/L	
W-1652	08/21/25	RTN	Molybdenum	<	0.12	mg/L	D
W-1652	08/21/25	RTN	Nickel	<	0.01	mg/L	D
W-1652	08/21/25	RTN	Nitrate (as NO3)	<	1	mg/L	D
W-1652	08/21/25	RTN	Selenium	<	0.01	mg/L	D
W-1652	08/21/25	RTN	Silver	<	0.005	mg/L	D
W-1652	08/21/25	RTN	Sulfate		2.8	mg/L	D
W-1652	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1652	08/21/25	RTN	Vanadium	<	0.02	mg/L	
W-1652	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1652	09/17/25	RTN	Field Dissolved Oxygen		0.53	PPM	
W-1652	09/17/25	RTN	Field Oxidation Potential (Eh)		-119	mVolts	
W-1652	09/17/25	RTN	Field Specific Conductance		1746	umhos/cm	
W-1652	09/17/25	RTN	Field Temperature		20.1	Degrees C	
W-1652	09/17/25	RTN	Field pH		6.23	Units	
W-1652	10/22/25	RTN	Field Dissolved Oxygen		0.82	PPM	
W-1652	10/22/25	RTN	Field Oxidation Potential (Eh)		-113.3	mVolts	
W-1652	10/22/25	RTN	Field Specific Conductance		1756	umhos/cm	
W-1652	10/22/25	RTN	Field Temperature		20	Degrees C	
W-1652	10/22/25	RTN	Field pH		6.2	Units	
W-1652	11/20/25	RTN	Field Dissolved Oxygen		0.58	PPM	
W-1652	11/20/25	RTN	Field Oxidation Potential (Eh)		-113.4	mVolts	
W-1652	11/20/25	RTN	Field Specific Conductance		1734	umhos/cm	
W-1652	11/20/25	RTN	Field Temperature		19.9	Degrees C	
W-1652	11/20/25	RTN	Field pH		6.18	Units	
W-1652	12/17/25	RTN	Field Dissolved Oxygen		0.51	PPM	
W-1652	12/17/25	RTN	Field Oxidation Potential (Eh)		-103.6	mVolts	
W-1652	12/17/25	RTN	Field Specific Conductance		1644	umhos/cm	
W-1652	12/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1652	12/17/25	RTN	Field pH		6.18	Units	
W-1653	01/23/25	RTN	Field Dissolved Oxygen		0.65	PPM	
W-1653	01/23/25	RTN	Field Oxidation Potential (Eh)		-101.6	mVolts	
W-1653	01/23/25	RTN	Field Specific Conductance		3501	umhos/cm	
W-1653	01/23/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	01/23/25	RTN	Field pH		6.87	Units	
W-1653	02/20/25	RTN	Field Dissolved Oxygen		0.56	PPM	
W-1653	02/20/25	RTN	Field Oxidation Potential (Eh)		-102.8	mVolts	
W-1653	02/20/25	RTN	Field Specific Conductance		3534	umhos/cm	
W-1653	02/20/25	RTN	Field Temperature		20.1	Degrees C	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1653	02/20/25	RTN	Field pH		6.83	Units	
W-1653	03/18/25	RTN	Field Dissolved Oxygen		0.71	PPM	
W-1653	03/18/25	RTN	Field Oxidation Potential (Eh)		-88.8	mVolts	
W-1653	03/18/25	RTN	Field Specific Conductance		3456	umhos/cm	
W-1653	03/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	03/18/25	RTN	Field pH		6.87	Units	
W-1653	04/23/25	RTN	Field Dissolved Oxygen		0.55	PPM	
W-1653	04/23/25	RTN	Field Oxidation Potential (Eh)		-95.7	mVolts	
W-1653	04/23/25	RTN	Field Specific Conductance		3399	umhos/cm	
W-1653	04/23/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	04/23/25	RTN	Field pH		6.92	Units	
W-1653	05/21/25	RTN	Field Dissolved Oxygen		0.24	PPM	
W-1653	05/21/25	RTN	Field Oxidation Potential (Eh)		-105	mVolts	
W-1653	05/21/25	RTN	Field Specific Conductance		3425	umhos/cm	
W-1653	05/21/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	05/21/25	RTN	Field pH		6.84	Units	
W-1653	06/18/25	RTN	Field Dissolved Oxygen		0.32	PPM	
W-1653	06/18/25	RTN	Field Oxidation Potential (Eh)		-101.1	mVolts	
W-1653	06/18/25	RTN	Field Specific Conductance		3761	umhos/cm	
W-1653	06/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	06/18/25	RTN	Field pH		6.69	Units	
W-1653	07/24/25	RTN	Field Dissolved Oxygen		0.14	PPM	
W-1653	07/24/25	RTN	Field Oxidation Potential (Eh)		-97.4	mVolts	
W-1653	07/24/25	RTN	Field Specific Conductance		3778	umhos/cm	
W-1653	07/24/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	07/24/25	RTN	Field pH		6.89	Units	
W-1653	08/20/25	RTN	Field Dissolved Oxygen		0.33	PPM	
W-1653	08/20/25	RTN	Field Oxidation Potential (Eh)		-94	mVolts	
W-1653	08/20/25	RTN	Field Specific Conductance		3535	umhos/cm	
W-1653	08/20/25	RTN	Field Temperature		20	Degrees C	
W-1653	08/20/25	RTN	Field pH		6.79	Units	
W-1653	08/21/25	RTN	Aluminum	<	0.05	mg/L	
W-1653	08/21/25	RTN	Antimony	<	0.025	mg/L	D
W-1653	08/21/25	RTN	Arsenic	<	0.01	mg/L	D
W-1653	08/21/25	RTN	Barium		0.33	mg/L	
W-1653	08/21/25	RTN	Beryllium	<	0.001	mg/L	D
W-1653	08/21/25	RTN	Boron		3.5	mg/L	
W-1653	08/21/25	RTN	Cadmium	<	0.0025	mg/L	D
W-1653	08/21/25	RTN	Cobalt	<	0.05	mg/L	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1653	08/21/25	RTN	Copper		0.0052	mg/L	D
W-1653	08/21/25	RTN	Iron		2	mg/L	
W-1653	08/21/25	RTN	Manganese		3	mg/L	
W-1653	08/21/25	RTN	Mercury		< 0.0002	mg/L	
W-1653	08/21/25	RTN	Molybdenum		< 0.12	mg/L	D
W-1653	08/21/25	RTN	Nickel		< 0.01	mg/L	D
W-1653	08/21/25	RTN	Nitrate (as NO3)		< 2.5	mg/L	D
W-1653	08/21/25	RTN	Selenium		< 0.01	mg/L	D
W-1653	08/21/25	RTN	Silver		< 0.005	mg/L	D
W-1653	08/21/25	RTN	Sulfate		< 5	mg/L	D
W-1653	08/21/25	RTN	Thallium		< 0.005	mg/L	D
W-1653	08/21/25	RTN	Vanadium		< 0.02	mg/L	
W-1653	08/21/25	RTN	Zinc		< 0.02	mg/L	
W-1653	09/17/25	RTN	Field Dissolved Oxygen		0.24	PPM	
W-1653	09/17/25	RTN	Field Oxidation Potential (Eh)		-105.9	mVolts	
W-1653	09/17/25	RTN	Field Specific Conductance		3512	umhos/cm	
W-1653	09/17/25	RTN	Field Temperature		20	Degrees C	
W-1653	09/17/25	RTN	Field pH		6.85	Units	
W-1653	10/22/25	RTN	Field Dissolved Oxygen		0.24	PPM	
W-1653	10/22/25	RTN	Field Oxidation Potential (Eh)		-100.6	mVolts	
W-1653	10/22/25	RTN	Field Specific Conductance		3660	umhos/cm	
W-1653	10/22/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	10/22/25	RTN	Field pH		6.8	Units	
W-1653	11/20/25	RTN	Field Dissolved Oxygen		0.27	PPM	
W-1653	11/20/25	RTN	Field Oxidation Potential (Eh)		-105.6	mVolts	
W-1653	11/20/25	RTN	Field Specific Conductance		3625	umhos/cm	
W-1653	11/20/25	RTN	Field Temperature		20.1	Degrees C	
W-1653	11/20/25	RTN	Field pH		6.53	Units	
W-1653	12/17/25	RTN	Field Dissolved Oxygen		0.28	PPM	
W-1653	12/17/25	RTN	Field Oxidation Potential (Eh)		-95.9	mVolts	
W-1653	12/17/25	RTN	Field Specific Conductance		3398	umhos/cm	
W-1653	12/17/25	RTN	Field Temperature		20	Degrees C	
W-1653	12/17/25	RTN	Field pH		6.83	Units	
W-1654	01/23/25	RTN	Field Dissolved Oxygen		0.67	PPM	
W-1654	01/23/25	RTN	Field Oxidation Potential (Eh)		-83.8	mVolts	
W-1654	01/23/25	RTN	Field Specific Conductance		6240	umhos/cm	
W-1654	01/23/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	01/23/25	RTN	Field pH		6.18	Units	
W-1654	02/20/25	RTN	Field Dissolved Oxygen		0.53	PPM	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1654	02/20/25	RTN	Field Oxidation Potential (Eh)		-74.3	mVolts	
W-1654	02/20/25	RTN	Field Specific Conductance		6346	umhos/cm	
W-1654	02/20/25	RTN	Field Temperature		20	Degrees C	
W-1654	02/20/25	RTN	Field pH		6.17	Units	
W-1654	03/18/25	RTN	Field Dissolved Oxygen		0.76	PPM	
W-1654	03/18/25	RTN	Field Oxidation Potential (Eh)		-64.9	mVolts	
W-1654	03/18/25	RTN	Field Specific Conductance		6376	umhos/cm	
W-1654	03/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	03/18/25	RTN	Field pH		6.18	Units	
W-1654	04/23/25	RTN	Field Dissolved Oxygen		0.64	PPM	
W-1654	04/23/25	RTN	Field Oxidation Potential (Eh)		-72.9	mVolts	
W-1654	04/23/25	RTN	Field Specific Conductance		6353	umhos/cm	
W-1654	04/23/25	RTN	Field Temperature		20	Degrees C	
W-1654	04/23/25	RTN	Field pH		6.2	Units	
W-1654	05/21/25	RTN	Field Dissolved Oxygen		0.37	PPM	
W-1654	05/21/25	RTN	Field Oxidation Potential (Eh)		-76.2	mVolts	
W-1654	05/21/25	RTN	Field Specific Conductance		6454	umhos/cm	
W-1654	05/21/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	05/21/25	RTN	Field pH		6.14	Units	
W-1654	06/18/25	RTN	Field Dissolved Oxygen		0.34	PPM	
W-1654	06/18/25	RTN	Field Oxidation Potential (Eh)		-72.4	mVolts	
W-1654	06/18/25	RTN	Field Specific Conductance		7111	umhos/cm	
W-1654	06/18/25	RTN	Field Temperature		20.2	Degrees C	
W-1654	06/18/25	RTN	Field pH		6.02	Units	
W-1654	07/24/25	RTN	Field Dissolved Oxygen		0.23	PPM	
W-1654	07/24/25	RTN	Field Oxidation Potential (Eh)		-76.4	mVolts	
W-1654	07/24/25	RTN	Field Specific Conductance		7290	umhos/cm	
W-1654	07/24/25	RTN	Field Temperature		20.2	Degrees C	
W-1654	07/24/25	RTN	Field pH		6.2	Units	
W-1654	08/20/25	RTN	Field Dissolved Oxygen		0.7	PPM	
W-1654	08/20/25	RTN	Field Oxidation Potential (Eh)		-81	mVolts	
W-1654	08/20/25	RTN	Field Specific Conductance		6882	umhos/cm	
W-1654	08/20/25	RTN	Field Temperature		20.2	Degrees C	
W-1654	08/20/25	RTN	Field pH		6.11	Units	
W-1654	08/21/25	RTN	Aluminum		1.4	mg/L	
W-1654	08/21/25	RTN	Antimony	<	0.025	mg/L	D
W-1654	08/21/25	RTN	Arsenic	<	0.01	mg/L	D
W-1654	08/21/25	RTN	Barium		1.5	mg/L	
W-1654	08/21/25	RTN	Beryllium	<	0.001	mg/L	D

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1654	08/21/25	RTN	Boron		3.3	mg/L	
W-1654	08/21/25	RTN	Cadmium		0.009	mg/L	D
W-1654	08/21/25	RTN	Cobalt	<	0.05	mg/L	
W-1654	08/21/25	RTN	Copper		0.0064	mg/L	D
W-1654	08/21/25	RTN	Iron		240	mg/L	
W-1654	08/21/25	RTN	Manganese		48	mg/L	
W-1654	08/21/25	RTN	Mercury	<	0.0002	mg/L	
W-1654	08/21/25	RTN	Molybdenum	<	0.12	mg/L	D
W-1654	08/21/25	RTN	Nickel	<	0.01	mg/L	D
W-1654	08/21/25	RTN	Nitrate (as NO3)	<	1	mg/L	D
W-1654	08/21/25	RTN	Selenium	<	0.01	mg/L	D
W-1654	08/21/25	RTN	Silver	<	0.005	mg/L	D
W-1654	08/21/25	RTN	Sulfate	<	2	mg/L	D
W-1654	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1654	08/21/25	RTN	Vanadium		0.61	mg/L	
W-1654	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1654	09/17/25	RTN	Field Dissolved Oxygen		0.18	PPM	
W-1654	09/17/25	RTN	Field Oxidation Potential (Eh)		-77.5	mVolts	
W-1654	09/17/25	RTN	Field Specific Conductance		6902	umhos/cm	
W-1654	09/17/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	09/17/25	RTN	Field pH		6.16	Units	
W-1654	10/22/25	RTN	Field Dissolved Oxygen		0.05	PPM	
W-1654	10/22/25	RTN	Field Oxidation Potential (Eh)		-92.6	mVolts	
W-1654	10/22/25	RTN	Field Specific Conductance		7058	umhos/cm	
W-1654	10/22/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	10/22/25	RTN	Field pH		6.17	Units	
W-1654	11/20/25	RTN	Field Dissolved Oxygen		0.12	PPM	
W-1654	11/20/25	RTN	Field Oxidation Potential (Eh)		-103.1	mVolts	
W-1654	11/20/25	RTN	Field Specific Conductance		6988	umhos/cm	
W-1654	11/20/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	11/20/25	RTN	Field pH		6.09	Units	
W-1654	12/17/25	RTN	Field Dissolved Oxygen		0.29	PPM	
W-1654	12/17/25	RTN	Field Oxidation Potential (Eh)		-68.4	mVolts	
W-1654	12/17/25	RTN	Field Specific Conductance		6556	umhos/cm	
W-1654	12/17/25	RTN	Field Temperature		20.1	Degrees C	
W-1654	12/17/25	RTN	Field pH		6.13	Units	
W-1655	01/23/25	RTN	Field Dissolved Oxygen		0.9	PPM	
W-1655	01/23/25	RTN	Field Oxidation Potential (Eh)		-43.9	mVolts	
W-1655	01/23/25	RTN	Field Specific Conductance		1452	umhos/cm	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1655	01/23/25	RTN	Field Temperature		20	Degrees C	
W-1655	01/23/25	RTN	Field pH		6.81	Units	
W-1655	02/20/25	RTN	Field Dissolved Oxygen		0.65	PPM	
W-1655	02/20/25	RTN	Field Oxidation Potential (Eh)		-89.3	mVolts	
W-1655	02/20/25	RTN	Field Specific Conductance		1475	umhos/cm	
W-1655	02/20/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	02/20/25	RTN	Field pH		6.73	Units	
W-1655	03/18/25	RTN	Field Dissolved Oxygen		0.59	PPM	
W-1655	03/18/25	RTN	Field Oxidation Potential (Eh)		-89	mVolts	
W-1655	03/18/25	RTN	Field Specific Conductance		1434	umhos/cm	
W-1655	03/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	03/18/25	RTN	Field pH		6.8	Units	
W-1655	04/23/25	RTN	Field Dissolved Oxygen		0.73	PPM	
W-1655	04/23/25	RTN	Field Oxidation Potential (Eh)		-101.1	mVolts	
W-1655	04/23/25	RTN	Field Specific Conductance		1417	umhos/cm	
W-1655	04/23/25	RTN	Field Temperature		20	Degrees C	
W-1655	04/23/25	RTN	Field pH		6.82	Units	
W-1655	05/21/25	RTN	Field Dissolved Oxygen		0.51	PPM	
W-1655	05/21/25	RTN	Field Oxidation Potential (Eh)		-95	mVolts	
W-1655	05/21/25	RTN	Field Specific Conductance		1426	umhos/cm	
W-1655	05/21/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	05/21/25	RTN	Field pH		6.73	Units	
W-1655	06/18/25	RTN	Field Dissolved Oxygen		0.62	PPM	
W-1655	06/18/25	RTN	Field Oxidation Potential (Eh)		-18.9	mVolts	
W-1655	06/18/25	RTN	Field Specific Conductance		1548	umhos/cm	
W-1655	06/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	06/18/25	RTN	Field pH		6.73	Units	
W-1655	07/24/25	RTN	Field Dissolved Oxygen		0.14	PPM	
W-1655	07/24/25	RTN	Field Oxidation Potential (Eh)		-62.7	mVolts	
W-1655	07/24/25	RTN	Field Specific Conductance		1561	umhos/cm	
W-1655	07/24/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	07/24/25	RTN	Field pH		6.83	Units	
W-1655	08/20/25	RTN	Field Dissolved Oxygen		0.4	PPM	
W-1655	08/20/25	RTN	Field Oxidation Potential (Eh)		-72	mVolts	
W-1655	08/20/25	RTN	Field Specific Conductance		1457	umhos/cm	
W-1655	08/20/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	08/20/25	RTN	Field pH		6.78	Units	
W-1655	08/21/25	RTN	Aluminum	<	0.05	mg/L	
W-1655	08/21/25	RTN	Antimony	<	0.025	mg/L	D

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1655	08/21/25	RTN	Arsenic	<	0.01	mg/L	D
W-1655	08/21/25	RTN	Barium		0.28	mg/L	
W-1655	08/21/25	RTN	Beryllium	<	0.001	mg/L	D
W-1655	08/21/25	RTN	Boron		1.9	mg/L	
W-1655	08/21/25	RTN	Cadmium	<	0.0025	mg/L	D
W-1655	08/21/25	RTN	Cobalt	<	0.05	mg/L	
W-1655	08/21/25	RTN	Copper	<	0.005	mg/L	D
W-1655	08/21/25	RTN	Iron		1.6	mg/L	
W-1655	08/21/25	RTN	Manganese		2	mg/L	
W-1655	08/21/25	RTN	Mercury	<	0.0002	mg/L	
W-1655	08/21/25	RTN	Molybdenum	<	0.12	mg/L	D
W-1655	08/21/25	RTN	Nickel	<	0.01	mg/L	D
W-1655	08/21/25	RTN	Nitrate (as NO3)	<	1	mg/L	D
W-1655	08/21/25	RTN	Selenium	<	0.01	mg/L	D
W-1655	08/21/25	RTN	Silver	<	0.005	mg/L	D
W-1655	08/21/25	RTN	Sulfate		40	mg/L	D
W-1655	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1655	08/21/25	RTN	Vanadium	<	0.02	mg/L	
W-1655	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1655	09/17/25	RTN	Field Dissolved Oxygen		0.78	PPM	
W-1655	09/17/25	RTN	Field Oxidation Potential (Eh)		-63.3	mVolts	
W-1655	09/17/25	RTN	Field Specific Conductance		1475	umhos/cm	
W-1655	09/17/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	09/17/25	RTN	Field pH		6.66	Units	
W-1655	10/22/25	RTN	Field Dissolved Oxygen		0.18	PPM	
W-1655	10/22/25	RTN	Field Oxidation Potential (Eh)		-87.6	mVolts	
W-1655	10/22/25	RTN	Field Specific Conductance		1518	umhos/cm	
W-1655	10/22/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	10/22/25	RTN	Field pH		6.75	Units	
W-1655	11/20/25	RTN	Field Dissolved Oxygen		0.39	PPM	
W-1655	11/20/25	RTN	Field Oxidation Potential (Eh)		-86.9	mVolts	
W-1655	11/20/25	RTN	Field Specific Conductance		1518	umhos/cm	
W-1655	11/20/25	RTN	Field Temperature		20.1	Degrees C	
W-1655	11/20/25	RTN	Field pH		6.68	Units	
W-1655	12/17/25	RTN	Field Dissolved Oxygen		0.14	PPM	
W-1655	12/17/25	RTN	Field Oxidation Potential (Eh)		-75.2	mVolts	
W-1655	12/17/25	RTN	Field Specific Conductance		1444	umhos/cm	
W-1655	12/17/25	RTN	Field Temperature		20	Degrees C	
W-1655	12/17/25	RTN	Field pH		6.74	Units	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1656	01/23/25	RTN	Field Dissolved Oxygen		1.32	PPM	
W-1656	01/23/25	RTN	Field Oxidation Potential (Eh)		-88.5	mVolts	
W-1656	01/23/25	RTN	Field Specific Conductance		1540	umhos/cm	
W-1656	01/23/25	RTN	Field Temperature		19.7	Degrees C	
W-1656	01/23/25	RTN	Field pH		7.26	Units	
W-1656	02/20/25	RTN	Field Dissolved Oxygen		0.45	PPM	
W-1656	02/20/25	RTN	Field Oxidation Potential (Eh)		-77.7	mVolts	
W-1656	02/20/25	RTN	Field Specific Conductance		1555	umhos/cm	
W-1656	02/20/25	RTN	Field Temperature		20	Degrees C	
W-1656	02/20/25	RTN	Field pH		6.92	Units	
W-1656	03/18/25	RTN	Field Dissolved Oxygen		0.7	PPM	
W-1656	03/18/25	RTN	Field Oxidation Potential (Eh)		-62.3	mVolts	
W-1656	03/18/25	RTN	Field Specific Conductance		1514	umhos/cm	
W-1656	03/18/25	RTN	Field Temperature		20	Degrees C	
W-1656	03/18/25	RTN	Field pH		7.07	Units	
W-1656	04/23/25	RTN	Field Dissolved Oxygen		0.73	PPM	
W-1656	04/23/25	RTN	Field Oxidation Potential (Eh)		-91.5	mVolts	
W-1656	04/23/25	RTN	Field Specific Conductance		1494	umhos/cm	
W-1656	04/23/25	RTN	Field Temperature		20	Degrees C	
W-1656	04/23/25	RTN	Field pH		7.04	Units	
W-1656	05/21/25	RTN	Field Dissolved Oxygen		0.52	PPM	
W-1656	05/21/25	RTN	Field Oxidation Potential (Eh)		-90.4	mVolts	
W-1656	05/21/25	RTN	Field Specific Conductance		1560	umhos/cm	
W-1656	05/21/25	RTN	Field Temperature		20.1	Degrees C	
W-1656	05/21/25	RTN	Field pH		6.92	Units	
W-1656	06/18/25	RTN	Field Dissolved Oxygen		0.59	PPM	
W-1656	06/18/25	RTN	Field Oxidation Potential (Eh)		-92.2	mVolts	
W-1656	06/18/25	RTN	Field Specific Conductance		1643	umhos/cm	
W-1656	06/18/25	RTN	Field Temperature		20.1	Degrees C	
W-1656	06/18/25	RTN	Field pH		6.84	Units	
W-1656	07/24/25	RTN	Field Dissolved Oxygen		0.31	PPM	
W-1656	07/24/25	RTN	Field Oxidation Potential (Eh)		-11.8	mVolts	
W-1656	07/24/25	RTN	Field Specific Conductance		1661	umhos/cm	
W-1656	07/24/25	RTN	Field Temperature		20.1	Degrees C	
W-1656	07/24/25	RTN	Field pH		6.87	Units	
W-1656	08/20/25	RTN	Field Dissolved Oxygen		0.39	PPM	
W-1656	08/20/25	RTN	Field Oxidation Potential (Eh)		-45.4	mVolts	
W-1656	08/20/25	RTN	Field Specific Conductance		1558	umhos/cm	
W-1656	08/20/25	RTN	Field Temperature		20	Degrees C	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1656	08/20/25	RTN	Field pH		6.78	Units	
W-1656	08/21/25	RTN	Aluminum	<	0.05	mg/L	
W-1656	08/21/25	RTN	Antimony	<	0.025	mg/L	D
W-1656	08/21/25	RTN	Arsenic	<	0.01	mg/L	D
W-1656	08/21/25	RTN	Barium		0.21	mg/L	
W-1656	08/21/25	RTN	Beryllium	<	0.001	mg/L	D
W-1656	08/21/25	RTN	Boron		2.3	mg/L	
W-1656	08/21/25	RTN	Cadmium	<	0.0025	mg/L	D
W-1656	08/21/25	RTN	Cobalt	<	0.05	mg/L	
W-1656	08/21/25	RTN	Copper	<	0.005	mg/L	D
W-1656	08/21/25	RTN	Iron		6.8	mg/L	
W-1656	08/21/25	RTN	Manganese		3	mg/L	
W-1656	08/21/25	RTN	Mercury		0.0004	mg/L	
W-1656	08/21/25	RTN	Molybdenum	<	0.12	mg/L	D
W-1656	08/21/25	RTN	Nickel	<	0.01	mg/L	D
W-1656	08/21/25	RTN	Nitrate (as NO3)	<	1	mg/L	D
W-1656	08/21/25	RTN	Selenium	<	0.01	mg/L	D
W-1656	08/21/25	RTN	Silver	<	0.005	mg/L	D
W-1656	08/21/25	RTN	Sulfate		48	mg/L	D
W-1656	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1656	08/21/25	RTN	Vanadium	<	0.02	mg/L	
W-1656	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1656	09/17/25	RTN	Field Dissolved Oxygen		0.26	PPM	
W-1656	09/17/25	RTN	Field Oxidation Potential (Eh)		-74.6	mVolts	
W-1656	09/17/25	RTN	Field Specific Conductance		1576	umhos/cm	
W-1656	09/17/25	RTN	Field Temperature		20	Degrees C	
W-1656	09/17/25	RTN	Field pH		6.82	Units	
W-1656	10/22/25	RTN	Field Dissolved Oxygen		0.22	PPM	
W-1656	10/22/25	RTN	Field Oxidation Potential (Eh)		-34.4	mVolts	
W-1656	10/22/25	RTN	Field Specific Conductance		1623	umhos/cm	
W-1656	10/22/25	RTN	Field Temperature		20	Degrees C	
W-1656	10/22/25	RTN	Field pH		6.81	Units	
W-1656	11/20/25	RTN	Field Dissolved Oxygen		0.25	PPM	
W-1656	11/20/25	RTN	Field Oxidation Potential (Eh)		-62	mVolts	
W-1656	11/20/25	RTN	Field Specific Conductance		1630	umhos/cm	
W-1656	11/20/25	RTN	Field Temperature		20	Degrees C	
W-1656	11/20/25	RTN	Field pH		6.75	Units	
W-1656	12/17/25	RTN	Field Dissolved Oxygen		0.24	PPM	
W-1656	12/17/25	RTN	Field Oxidation Potential (Eh)		-37.3	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1656	12/17/25	RTN	Field Specific Conductance		1549	umhos/cm	
W-1656	12/17/25	RTN	Field Temperature		20	Degrees C	
W-1656	12/17/25	RTN	Field pH		6.78	Units	
W-1657	01/23/25	RTN	Field Dissolved Oxygen		0.99	PPM	
W-1657	01/23/25	RTN	Field Oxidation Potential (Eh)		-94	mVolts	
W-1657	01/23/25	RTN	Field Specific Conductance		1751	umhos/cm	
W-1657	01/23/25	RTN	Field Temperature		19.9	Degrees C	
W-1657	01/23/25	RTN	Field pH		6.94	Units	
W-1657	02/20/25	RTN	Field Dissolved Oxygen		1.34	PPM	
W-1657	02/20/25	RTN	Field Oxidation Potential (Eh)		-37.4	mVolts	
W-1657	02/20/25	RTN	Field Specific Conductance		1822	umhos/cm	
W-1657	02/20/25	RTN	Field Temperature		19.9	Degrees C	
W-1657	02/20/25	RTN	Field pH		7.05	Units	
W-1657	03/18/25	RTN	Field Dissolved Oxygen		0.68	PPM	
W-1657	03/18/25	RTN	Field Oxidation Potential (Eh)		-66.7	mVolts	
W-1657	03/18/25	RTN	Field Specific Conductance		1872	umhos/cm	
W-1657	03/18/25	RTN	Field Temperature		20	Degrees C	
W-1657	03/18/25	RTN	Field pH		7	Units	
W-1657	04/23/25	RTN	Field Dissolved Oxygen		1.13	PPM	
W-1657	04/23/25	RTN	Field Oxidation Potential (Eh)		-50.3	mVolts	
W-1657	04/23/25	RTN	Field Specific Conductance		1667	umhos/cm	
W-1657	04/23/25	RTN	Field Temperature		19.8	Degrees C	
W-1657	04/23/25	RTN	Field pH		7.28	Units	
W-1657	05/21/25	RTN	Field Dissolved Oxygen		0.72	PPM	
W-1657	05/21/25	RTN	Field Oxidation Potential (Eh)		-91.8	mVolts	
W-1657	05/21/25	RTN	Field Specific Conductance		1988	umhos/cm	
W-1657	05/21/25	RTN	Field Temperature		20	Degrees C	
W-1657	05/21/25	RTN	Field pH		6.92	Units	
W-1657	06/18/25	RTN	Field Dissolved Oxygen		0.88	PPM	
W-1657	06/18/25	RTN	Field Oxidation Potential (Eh)		-54.1	mVolts	
W-1657	06/18/25	RTN	Field Specific Conductance		1906	umhos/cm	
W-1657	06/18/25	RTN	Field Temperature		20	Degrees C	
W-1657	06/18/25	RTN	Field pH		6.84	Units	
W-1657	07/24/25	RTN	Field Dissolved Oxygen		0.89	PPM	
W-1657	07/24/25	RTN	Field Oxidation Potential (Eh)		-70.4	mVolts	
W-1657	07/24/25	RTN	Field Specific Conductance		2027	umhos/cm	
W-1657	07/24/25	RTN	Field Temperature		20	Degrees C	
W-1657	07/24/25	RTN	Field pH		7.04	Units	
W-1657	08/20/25	RTN	Field Dissolved Oxygen		0.37	PPM	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1657	08/20/25	RTN	Field Oxidation Potential (Eh)		-106.52	mVolts	
W-1657	08/20/25	RTN	Field Specific Conductance		1976	umhos/cm	
W-1657	08/20/25	RTN	Field Temperature		20	Degrees C	
W-1657	08/20/25	RTN	Field pH		6.75	Units	
W-1657	08/21/25	RTN	Aluminum	<	0.05	mg/L	
W-1657	08/21/25	RTN	Antimony	<	0.025	mg/L	D
W-1657	08/21/25	RTN	Arsenic	<	0.01	mg/L	D
W-1657	08/21/25	RTN	Barium		0.18	mg/L	
W-1657	08/21/25	RTN	Beryllium	<	0.001	mg/L	D
W-1657	08/21/25	RTN	Boron		1.4	mg/L	
W-1657	08/21/25	RTN	Cadmium	<	0.0025	mg/L	D
W-1657	08/21/25	RTN	Cobalt	<	0.05	mg/L	
W-1657	08/21/25	RTN	Copper	<	0.005	mg/L	D
W-1657	08/21/25	RTN	Iron	<	0.1	mg/L	
W-1657	08/21/25	RTN	Manganese		0.067	mg/L	
W-1657	08/21/25	RTN	Mercury	<	0.0002	mg/L	
W-1657	08/21/25	RTN	Molybdenum	<	0.12	mg/L	D
W-1657	08/21/25	RTN	Nickel	<	0.01	mg/L	D
W-1657	08/21/25	RTN	Nitrate (as NO3)		12	mg/L	D
W-1657	08/21/25	RTN	Selenium	<	0.01	mg/L	D
W-1657	08/21/25	RTN	Silver	<	0.005	mg/L	D
W-1657	08/21/25	RTN	Sulfate		41	mg/L	D
W-1657	08/21/25	RTN	Thallium	<	0.005	mg/L	D
W-1657	08/21/25	RTN	Vanadium	<	0.02	mg/L	
W-1657	08/21/25	RTN	Zinc	<	0.02	mg/L	
W-1657	09/17/25	RTN	Field Dissolved Oxygen		0.41	PPM	
W-1657	09/17/25	RTN	Field Oxidation Potential (Eh)		-99.6	mVolts	
W-1657	09/17/25	RTN	Field Specific Conductance		1963	umhos/cm	
W-1657	09/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1657	09/17/25	RTN	Field pH		6.77	Units	
W-1657	10/22/25	RTN	Field Dissolved Oxygen		0.61	PPM	
W-1657	10/22/25	RTN	Field Oxidation Potential (Eh)		-115.2	mVolts	
W-1657	10/22/25	RTN	Field Specific Conductance		2157	umhos/cm	
W-1657	10/22/25	RTN	Field Temperature		19.9	Degrees C	
W-1657	10/22/25	RTN	Field pH		6.62	Units	
W-1657	11/20/25	RTN	Field Dissolved Oxygen		0.37	PPM	
W-1657	11/20/25	RTN	Field Oxidation Potential (Eh)		-81.7	mVolts	
W-1657	11/20/25	RTN	Field Specific Conductance		1840	umhos/cm	
W-1657	11/20/25	RTN	Field Temperature		19.9	Degrees C	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-1657	11/20/25	RTN	Field pH		6.81	Units	
W-1657	12/17/25	RTN	Field Dissolved Oxygen		0.96	PPM	
W-1657	12/17/25	RTN	Field Oxidation Potential (Eh)		-80	mVolts	
W-1657	12/17/25	RTN	Field Specific Conductance		1862	umhos/cm	
W-1657	12/17/25	RTN	Field Temperature		19.9	Degrees C	
W-1657	12/17/25	RTN	Field pH		6.83	Units	
W-2201	03/19/25	RTN	Field Dissolved Oxygen		7.57	PPM	
W-2201	03/19/25	RTN	Field Oxidation Potential (Eh)		104.8	mVolts	
W-2201	03/19/25	RTN	Field Specific Conductance		1129	umhos/cm	
W-2201	03/19/25	RTN	Field Temperature		19	Degrees C	
W-2201	03/19/25	RTN	Field pH		7.32	Units	
W-2201	04/23/25	RTN	Field Dissolved Oxygen		7.33	PPM	
W-2201	04/23/25	RTN	Field Oxidation Potential (Eh)		162.7	mVolts	
W-2201	04/23/25	RTN	Field Specific Conductance		1085	umhos/cm	
W-2201	04/23/25	RTN	Field Temperature		18.7	Degrees C	
W-2201	04/23/25	RTN	Field pH		7.79	Units	
W-2201	05/21/25	RTN	Field Dissolved Oxygen		7.36	PPM	
W-2201	05/21/25	RTN	Field Oxidation Potential (Eh)		25.8	mVolts	
W-2201	05/21/25	RTN	Field Specific Conductance		1103	umhos/cm	
W-2201	05/21/25	RTN	Field Temperature		20.5	Degrees C	
W-2201	05/21/25	RTN	Field pH		7.4	Units	
W-2201	06/18/25	RTN	Field Dissolved Oxygen		7.53	PPM	
W-2201	06/18/25	RTN	Field Oxidation Potential (Eh)		202.4	mVolts	
W-2201	06/18/25	RTN	Field Specific Conductance		1198	umhos/cm	
W-2201	06/18/25	RTN	Field Temperature		20.2	Degrees C	
W-2201	06/18/25	RTN	Field pH		7.55	Units	
W-2201	07/24/25	RTN	Field Dissolved Oxygen		6.74	PPM	
W-2201	07/24/25	RTN	Field Oxidation Potential (Eh)		194.8	mVolts	
W-2201	07/24/25	RTN	Field Specific Conductance		1205	umhos/cm	
W-2201	07/24/25	RTN	Field Temperature		20.3	Degrees C	
W-2201	07/24/25	RTN	Field pH		7.47	Units	
W-2201	08/20/25	RTN	Field Dissolved Oxygen		6.9	PPM	
W-2201	08/20/25	RTN	Field Oxidation Potential (Eh)		82.3	mVolts	
W-2201	08/20/25	RTN	Field Specific Conductance		1135	umhos/cm	
W-2201	08/20/25	RTN	Field Temperature		20.7	Degrees C	
W-2201	08/20/25	RTN	Field pH		7.36	Units	
W-2201	09/17/25	RTN	Field Dissolved Oxygen		6.7	PPM	
W-2201	09/17/25	RTN	Field Oxidation Potential (Eh)		100.9	mVolts	
W-2201	09/17/25	RTN	Field Specific Conductance		1069	umhos/cm	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2201	09/17/25	RTN	Field Temperature		21.4	Degrees C	
W-2201	09/17/25	RTN	Field pH		7.27	Units	
W-2201	10/22/25	RTN	Field Dissolved Oxygen		6.93	PPM	
W-2201	10/22/25	RTN	Field Oxidation Potential (Eh)		178.8	mVolts	
W-2201	10/22/25	RTN	Field Specific Conductance		1167	umhos/cm	
W-2201	10/22/25	RTN	Field Temperature		19.6	Degrees C	
W-2201	10/22/25	RTN	Field pH		7.45	Units	
W-2201	11/20/25	RTN	Field Dissolved Oxygen		7.61	PPM	
W-2201	11/20/25	RTN	Field Oxidation Potential (Eh)		197	mVolts	
W-2201	11/20/25	RTN	Field Specific Conductance		1162	umhos/cm	
W-2201	11/20/25	RTN	Field Temperature		18.7	Degrees C	
W-2201	11/20/25	RTN	Field pH		7.51	Units	
W-2201	12/17/25	RTN	Field Dissolved Oxygen		6.98	PPM	
W-2201	12/17/25	RTN	Field Oxidation Potential (Eh)		71.5	mVolts	
W-2201	12/17/25	RTN	Field Specific Conductance		1109	umhos/cm	
W-2201	12/17/25	RTN	Field Temperature		18.7	Degrees C	
W-2201	12/17/25	RTN	Field pH		7.41	Units	
W-2304	01/23/25	RTN	Field Dissolved Oxygen		0.52	PPM	
W-2304	01/23/25	RTN	Field Oxidation Potential (Eh)		-97	mVolts	
W-2304	01/23/25	RTN	Field Specific Conductance		2794	umhos/cm	
W-2304	01/23/25	RTN	Field Temperature		20.1	Degrees C	
W-2304	01/23/25	RTN	Field pH		6.5	Units	
W-2304	02/20/25	RTN	Field Dissolved Oxygen		0.18	PPM	
W-2304	02/20/25	RTN	Field Oxidation Potential (Eh)		-78	mVolts	
W-2304	02/20/25	RTN	Field Specific Conductance		2702	umhos/cm	
W-2304	02/20/25	RTN	Field Temperature		20.1	Degrees C	
W-2304	02/20/25	RTN	Field pH		6.37	Units	
W-2304	03/18/25	RTN	Field Dissolved Oxygen		0.54	PPM	
W-2304	03/18/25	RTN	Field Oxidation Potential (Eh)		-84.7	mVolts	
W-2304	03/18/25	RTN	Field Specific Conductance		2580	umhos/cm	
W-2304	03/18/25	RTN	Field Temperature		20	Degrees C	
W-2304	03/18/25	RTN	Field pH		6.52	Units	
W-2304	04/23/25	RTN	Field Dissolved Oxygen		0.5	PPM	
W-2304	04/23/25	RTN	Field Oxidation Potential (Eh)		90.2	mVolts	
W-2304	04/23/25	RTN	Field Specific Conductance		2476	umhos/cm	
W-2304	04/23/25	RTN	Field Temperature		20	Degrees C	
W-2304	04/23/25	RTN	Field pH		6.54	Units	
W-2304	05/21/25	RTN	Field Dissolved Oxygen		0.39	PPM	
W-2304	05/21/25	RTN	Field Oxidation Potential (Eh)		-82.6	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2304	05/21/25	RTN	Field Specific Conductance		2390	umhos/cm	
W-2304	05/21/25	RTN	Field Temperature		20.1	Degrees C	
W-2304	05/21/25	RTN	Field pH		6.44	Units	
W-2304	06/17/25	RTN	Field Oxidation Potential (Eh)		-72	mVolts	
W-2304	06/17/25	RTN	Field Specific Conductance		2325	umhos/cm	
W-2304	06/17/25	RTN	Field Temperature		20.7	Degrees C	
W-2304	06/17/25	RTN	Field pH		6.42	Units	
W-2304	06/18/25	RTN	Field Dissolved Oxygen		0.21	PPM	
W-2304	06/18/25	RTN	Field Oxidation Potential (Eh)		-81.2	mVolts	
W-2304	06/18/25	RTN	Field Specific Conductance		2640	umhos/cm	
W-2304	06/18/25	RTN	Field Temperature		20.1	Degrees C	
W-2304	06/18/25	RTN	Field pH		6.28	Units	
W-2304	07/24/25	RTN	Field Dissolved Oxygen		0.35	PPM	
W-2304	07/24/25	RTN	Field Oxidation Potential (Eh)		-71.2	mVolts	
W-2304	07/24/25	RTN	Field Specific Conductance		2539	umhos/cm	
W-2304	07/24/25	RTN	Field Temperature		20	Degrees C	
W-2304	07/24/25	RTN	Field pH		6.44	Units	
W-2304	08/20/25	RTN	Field Dissolved Oxygen		0.26	PPM	
W-2304	08/20/25	RTN	Field Oxidation Potential (Eh)		-71	mVolts	
W-2304	08/20/25	RTN	Field Specific Conductance		24119	umhos/cm	
W-2304	08/20/25	RTN	Field Temperature		20.1	Degrees C	
W-2304	08/20/25	RTN	Field pH		6.31	Units	
W-2304	09/17/25	RTN	Field Dissolved Oxygen		0.32	PPM	
W-2304	09/17/25	RTN	Field Oxidation Potential (Eh)		-76.7	mVolts	
W-2304	09/17/25	RTN	Field Specific Conductance		2336	umhos/cm	
W-2304	09/17/25	RTN	Field Temperature		20	Degrees C	
W-2304	09/17/25	RTN	Field pH		6.37	Units	
W-2304	10/22/25	RTN	Field Dissolved Oxygen		0.1	PPM	
W-2304	10/22/25	RTN	Field Oxidation Potential (Eh)		-74	mVolts	
W-2304	10/22/25	RTN	Field Specific Conductance		2403	umhos/cm	
W-2304	10/22/25	RTN	Field Temperature		20	Degrees C	
W-2304	10/22/25	RTN	Field pH		6.37	Units	
W-2304	10/27/25	RTN	Field Oxidation Potential (Eh)		-48	mVolts	
W-2304	10/27/25	RTN	Field Specific Conductance		2266	umhos/cm	
W-2304	10/27/25	RTN	Field Temperature		18.7	Degrees C	
W-2304	10/27/25	RTN	Field pH		6.04	Units	
W-2304	11/20/25	RTN	Field Dissolved Oxygen		0.17	PPM	
W-2304	11/20/25	RTN	Field Oxidation Potential (Eh)		-71	mVolts	
W-2304	11/20/25	RTN	Field Specific Conductance		2421	umhos/cm	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2304	11/20/25	RTN	Field Temperature		20	Degrees C	
W-2304	11/20/25	RTN	Field pH		6.31	Units	
W-2304	12/17/25	RTN	Field Dissolved Oxygen		0.06	PPM	
W-2304	12/17/25	RTN	Field Oxidation Potential (Eh)		-75.3	mVolts	
W-2304	12/17/25	RTN	Field Specific Conductance		2305	umhos/cm	
W-2304	12/17/25	RTN	Field Temperature		20	Degrees C	
W-2304	12/17/25	RTN	Field pH		6.32	Units	
W-2611	01/23/25	RTN	Field Dissolved Oxygen		1.24	PPM	
W-2611	01/23/25	RTN	Field Oxidation Potential (Eh)		144.6	mVolts	
W-2611	01/23/25	RTN	Field Specific Conductance		943	umhos/cm	
W-2611	01/23/25	RTN	Field Temperature		20.8	Degrees C	
W-2611	01/23/25	RTN	Field pH		7.45	Units	
W-2611	01/23/25	RTN	Chloride		33	mg/L	
W-2611	01/23/25	RTN	Ethane	<	2	ug/L	
W-2611	01/23/25	RTN	Ethylene	<	2	ug/L	
W-2611	01/23/25	RTN	Methane	<	1	ug/L	
W-2611	01/23/25	RTN	Nitrate (as NO3)	<	0.5	mg/L	
W-2611	01/23/25	RTN	Sulfate		18	mg/L	
W-2611	01/23/25	RTN	Field Oxidation Potential (Eh)		322	mVolts	
W-2611	01/23/25	RTN	Field Specific Conductance		1005	umhos/cm	
W-2611	01/23/25	RTN	Field Temperature		16.6	Degrees C	
W-2611	01/23/25	RTN	Field pH		7.11	Units	
W-2611	02/20/25	RTN	Field Dissolved Oxygen		0.96	PPM	
W-2611	02/20/25	RTN	Field Oxidation Potential (Eh)		144.1	mVolts	
W-2611	02/20/25	RTN	Field Specific Conductance		943	umhos/cm	
W-2611	02/20/25	RTN	Field Temperature		20.3	Degrees C	
W-2611	02/20/25	RTN	Field pH		7.49	Units	
W-2611	03/18/25	RTN	Field Dissolved Oxygen		1.36	PPM	
W-2611	03/18/25	RTN	Field Oxidation Potential (Eh)		-21	mVolts	
W-2611	03/18/25	RTN	Field Specific Conductance		936	umhos/cm	
W-2611	03/18/25	RTN	Field Temperature		20	Degrees C	
W-2611	03/18/25	RTN	Field pH		7.62	Units	
W-2611	04/23/25	RTN	Field Dissolved Oxygen		0.47	PPM	
W-2611	04/23/25	RTN	Field Oxidation Potential (Eh)		11	mVolts	
W-2611	04/23/25	RTN	Field Specific Conductance		923	umhos/cm	
W-2611	04/23/25	RTN	Field Temperature		20.6	Degrees C	
W-2611	04/23/25	RTN	Field pH		7.16	Units	
W-2611	04/23/25	RTN	Field Oxidation Potential (Eh)		198	mVolts	
W-2611	04/23/25	RTN	Field Specific Conductance		898.3	umhos/cm	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2611	04/23/25	RTN	Field Temperature		18.5	Degrees C	
W-2611	04/23/25	RTN	Field pH		7.57	Units	
W-2611	05/21/25	RTN	Field Dissolved Oxygen		0.53	PPM	
W-2611	05/21/25	RTN	Field Oxidation Potential (Eh)		-26.2	mVolts	
W-2611	05/21/25	RTN	Field Specific Conductance		936	umhos/cm	
W-2611	05/21/25	RTN	Field Temperature		20.6	Degrees C	
W-2611	05/21/25	RTN	Field pH		7.39	Units	
W-2611	06/18/25	RTN	Field Dissolved Oxygen		0.66	PPM	
W-2611	06/18/25	RTN	Field Oxidation Potential (Eh)		224.1	mVolts	
W-2611	06/18/25	RTN	Field Specific Conductance		994	umhos/cm	
W-2611	06/18/25	RTN	Field Temperature		20.7	Degrees C	
W-2611	06/18/25	RTN	Field pH		7.27	Units	
W-2611	07/24/25	RTN	Field Dissolved Oxygen		0.69	PPM	
W-2611	07/24/25	RTN	Field Oxidation Potential (Eh)		-15.4	mVolts	
W-2611	07/24/25	RTN	Field Specific Conductance		1019	umhos/cm	
W-2611	07/24/25	RTN	Field Temperature		20.6	Degrees C	
W-2611	07/24/25	RTN	Field pH		7.58	Units	
W-2611	07/24/25	RTN	Chloride		36	mg/L	
W-2611	07/24/25	RTN	Ethane		< 2	ug/L	
W-2611	07/24/25	RTN	Ethylene		< 2	ug/L	
W-2611	07/24/25	RTN	Methane		< 1	ug/L	
W-2611	07/24/25	RTN	Nitrate (as NO3)		< 0.5	mg/L	
W-2611	07/24/25	RTN	Sulfate		19	mg/L	
W-2611	07/24/25	RTN	Field Oxidation Potential (Eh)		136	mVolts	
W-2611	07/24/25	RTN	Field Specific Conductance		897.4	umhos/cm	
W-2611	07/24/25	RTN	Field Temperature		20.5	Degrees C	
W-2611	07/24/25	RTN	Field pH		7.4	Units	
W-2611	08/20/25	RTN	Field Dissolved Oxygen		0.23	PPM	
W-2611	08/20/25	RTN	Field Oxidation Potential (Eh)		-134	mVolts	
W-2611	08/20/25	RTN	Field Specific Conductance		963	umhos/cm	
W-2611	08/20/25	RTN	Field Temperature		20.6	Degrees C	
W-2611	08/20/25	RTN	Field pH		7.31	Units	
W-2611	09/17/25	RTN	Field Dissolved Oxygen		0.49	PPM	
W-2611	09/17/25	RTN	Field Oxidation Potential (Eh)		-92.2	mVolts	
W-2611	09/17/25	RTN	Field Specific Conductance		964	umhos/cm	
W-2611	09/17/25	RTN	Field Temperature		20.6	Degrees C	
W-2611	09/17/25	RTN	Field pH		7.26	Units	
W-2611	10/22/25	RTN	Field Dissolved Oxygen		0.32	PPM	
W-2611	10/22/25	RTN	Field Oxidation Potential (Eh)		-97.2	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2611	10/22/25	RTN	Field Specific Conductance		997	umhos/cm	
W-2611	10/22/25	RTN	Field Temperature		20.8	Degrees C	
W-2611	10/22/25	RTN	Field pH		7.32	Units	
W-2611	10/22/25	RTN	Field Oxidation Potential (Eh)		156	mVolts	
W-2611	10/22/25	RTN	Field Specific Conductance		903.9	umhos/cm	
W-2611	10/22/25	RTN	Field Temperature		19.8	Degrees C	
W-2611	10/22/25	RTN	Field pH		7.02	Units	
W-2611	11/20/25	RTN	Field Dissolved Oxygen		0.75	PPM	
W-2611	11/20/25	RTN	Field Oxidation Potential (Eh)		153.5	mVolts	
W-2611	11/20/25	RTN	Field Specific Conductance		990	umhos/cm	
W-2611	11/20/25	RTN	Field Temperature		20.4	Degrees C	
W-2611	11/20/25	RTN	Field pH		7.32	Units	
W-2611	12/17/25	RTN	Field Dissolved Oxygen		0.33	PPM	
W-2611	12/17/25	RTN	Field Oxidation Potential (Eh)		-110.2	mVolts	
W-2611	12/17/25	RTN	Field Specific Conductance		954	umhos/cm	
W-2611	12/17/25	RTN	Field Temperature		20.5	Degrees C	
W-2611	12/17/25	RTN	Field pH		7.33	Units	
W-2612	01/23/25	RTN	Chloride		58	mg/L	
W-2612	01/23/25	RTN	Ethane	<	2	ug/L	
W-2612	01/23/25	RTN	Ethylene	<	2	ug/L	
W-2612	01/23/25	RTN	Methane		130	ug/L	
W-2612	01/23/25	RTN	Nitrate (as NO3)		2.9	mg/L	
W-2612	01/23/25	RTN	Sulfate		17	mg/L	
W-2612	01/23/25	RTN	Field Oxidation Potential (Eh)		157	mVolts	
W-2612	01/23/25	RTN	Field Specific Conductance		865.5	umhos/cm	
W-2612	01/23/25	RTN	Field Temperature		20	Degrees C	
W-2612	01/23/25	RTN	Field pH		7.47	Units	
W-2612	01/23/25	RTN	Field Dissolved Oxygen		5.01	PPM	
W-2612	01/23/25	RTN	Field Oxidation Potential (Eh)		49.9	mVolts	
W-2612	01/23/25	RTN	Field Specific Conductance		847	umhos/cm	
W-2612	01/23/25	RTN	Field Temperature		21.2	Degrees C	
W-2612	01/23/25	RTN	Field pH		7.4	Units	
W-2612	02/20/25	RTN	Field Dissolved Oxygen		5.49	PPM	
W-2612	02/20/25	RTN	Field Oxidation Potential (Eh)		144.1	mVolts	
W-2612	02/20/25	RTN	Field Specific Conductance		850	umhos/cm	
W-2612	02/20/25	RTN	Field Temperature		20.1	Degrees C	
W-2612	02/20/25	RTN	Field pH		7.65	Units	
W-2612	03/19/25	RTN	Field Dissolved Oxygen		6.43	PPM	
W-2612	03/19/25	RTN	Field Oxidation Potential (Eh)		161	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2612	03/19/25	RTN	Field Specific Conductance		872	umhos/cm	
W-2612	03/19/25	RTN	Field Temperature		19.7	Degrees C	
W-2612	03/19/25	RTN	Field pH		7	Units	
W-2612	04/23/25	RTN	Field Oxidation Potential (Eh)		276	mVolts	
W-2612	04/23/25	RTN	Field Specific Conductance		808.4	umhos/cm	
W-2612	04/23/25	RTN	Field Temperature		15	Degrees C	
W-2612	04/23/25	RTN	Field pH		7.83	Units	
W-2612	04/23/25	RTN	Field Dissolved Oxygen		5.37	PPM	
W-2612	04/23/25	RTN	Field Oxidation Potential (Eh)		149.2	mVolts	
W-2612	04/23/25	RTN	Field Specific Conductance		818	umhos/cm	
W-2612	04/23/25	RTN	Field Temperature		19	Degrees C	
W-2612	04/23/25	RTN	Field pH		7.93	Units	
W-2612	05/21/25	RTN	Field Dissolved Oxygen		4.41	PPM	
W-2612	05/21/25	RTN	Field Oxidation Potential (Eh)		72.3	mVolts	
W-2612	05/21/25	RTN	Field Specific Conductance		848	umhos/cm	
W-2612	05/21/25	RTN	Field Temperature		20.9	Degrees C	
W-2612	05/21/25	RTN	Field pH		7.6	Units	
W-2612	06/18/25	RTN	Field Dissolved Oxygen		2.47	PPM	
W-2612	06/18/25	RTN	Field Oxidation Potential (Eh)		305	mVolts	
W-2612	06/18/25	RTN	Field Specific Conductance		918	umhos/cm	
W-2612	06/18/25	RTN	Field Temperature		23	Degrees C	
W-2612	06/18/25	RTN	Field pH		7.33	Units	
W-2612	07/24/25	RTN	Chloride		55	mg/L	
W-2612	07/24/25	RTN	Ethane	<	2	ug/L	
W-2612	07/24/25	RTN	Ethylene	<	2	ug/L	
W-2612	07/24/25	RTN	Methane	<	1	ug/L	
W-2612	07/24/25	RTN	Nitrate (as NO3)	<	0.5	mg/L	
W-2612	07/24/25	RTN	Sulfate		18	mg/L	
W-2612	07/24/25	RTN	Field Oxidation Potential (Eh)		146	mVolts	
W-2612	07/24/25	RTN	Field Specific Conductance		860.7	umhos/cm	
W-2612	07/24/25	RTN	Field Temperature		20.3	Degrees C	
W-2612	07/24/25	RTN	Field pH		7.44	Units	
W-2612	07/24/25	RTN	Field Dissolved Oxygen		5.77	PPM	
W-2612	07/24/25	RTN	Field Oxidation Potential (Eh)		169.3	mVolts	
W-2612	07/24/25	RTN	Field Specific Conductance		937	umhos/cm	
W-2612	07/24/25	RTN	Field Temperature		20.5	Degrees C	
W-2612	07/24/25	RTN	Field pH		7.57	Units	
W-2612	08/20/25	RTN	Field Dissolved Oxygen		4.8	PPM	
W-2612	08/20/25	RTN	Field Oxidation Potential (Eh)		242.5	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-2612	08/20/25	RTN	Field Specific Conductance		855	umhos/cm	
W-2612	08/20/25	RTN	Field Temperature		20.6	Degrees C	
W-2612	08/20/25	RTN	Field pH		7.11	Units	
W-2612	09/17/25	RTN	Field Dissolved Oxygen		4.61	PPM	
W-2612	09/17/25	RTN	Field Oxidation Potential (Eh)		143.6	mVolts	
W-2612	09/17/25	RTN	Field Specific Conductance		877	umhos/cm	
W-2612	09/17/25	RTN	Field Temperature		20.5	Degrees C	
W-2612	09/17/25	RTN	Field pH		7.38	Units	
W-2612	10/22/25	RTN	Field Dissolved Oxygen		4.65	PPM	
W-2612	10/22/25	RTN	Field Oxidation Potential (Eh)		199.7	mVolts	
W-2612	10/22/25	RTN	Field Specific Conductance		894	umhos/cm	
W-2612	10/22/25	RTN	Field Temperature		17.2	Degrees C	
W-2612	10/22/25	RTN	Field pH		7.35	Units	
W-2612	10/22/25	RTN	Field Oxidation Potential (Eh)		154	mVolts	
W-2612	10/22/25	RTN	Field Specific Conductance		882.4	umhos/cm	
W-2612	10/22/25	RTN	Field Temperature		20.1	Degrees C	
W-2612	10/22/25	RTN	Field pH		7	Units	
W-2612	11/20/25	RTN	Field Dissolved Oxygen		3.46	PPM	
W-2612	11/20/25	RTN	Field Oxidation Potential (Eh)		82.1	mVolts	
W-2612	11/20/25	RTN	Field Specific Conductance		909	umhos/cm	
W-2612	11/20/25	RTN	Field Temperature		19.5	Degrees C	
W-2612	11/20/25	RTN	Field pH		7.23	Units	
W-2612	12/17/25	RTN	Field Dissolved Oxygen		2.63	PPM	
W-2612	12/17/25	RTN	Field Oxidation Potential (Eh)		62.3	mVolts	
W-2612	12/17/25	RTN	Field Specific Conductance		839	umhos/cm	
W-2612	12/17/25	RTN	Field Temperature		21.4	Degrees C	
W-2612	12/17/25	RTN	Field pH		7.18	Units	
W-3107	02/20/25	RTN	Field Dissolved Oxygen		8.59	PPM	
W-3107	02/20/25	RTN	Field Oxidation Potential (Eh)		212	mVolts	
W-3107	02/20/25	RTN	Field Specific Conductance		1046	umhos/cm	
W-3107	02/20/25	RTN	Field Temperature		19.7	Degrees C	
W-3107	02/20/25	RTN	Field pH		7.15	Units	
W-3107	03/18/25	RTN	Field Dissolved Oxygen		8.03	PPM	
W-3107	03/18/25	RTN	Field Oxidation Potential (Eh)		41.7	mVolts	
W-3107	03/18/25	RTN	Field Specific Conductance		1029	umhos/cm	
W-3107	03/18/25	RTN	Field Temperature		20.5	Degrees C	
W-3107	03/18/25	RTN	Field pH		7.73	Units	
W-3107	04/23/25	RTN	Field Dissolved Oxygen		7.62	PPM	
W-3107	04/23/25	RTN	Field Oxidation Potential (Eh)		158.2	mVolts	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3107	04/23/25	RTN	Field Specific Conductance		974	umhos/cm	
W-3107	04/23/25	RTN	Field Temperature		19	Degrees C	
W-3107	04/23/25	RTN	Field pH		7.86	Units	
W-3107	05/21/25	RTN	Field Dissolved Oxygen		7.73	PPM	
W-3107	05/21/25	RTN	Field Oxidation Potential (Eh)		94.4	mVolts	
W-3107	05/21/25	RTN	Field Specific Conductance		1030	umhos/cm	
W-3107	05/21/25	RTN	Field Temperature		20.9	Degrees C	
W-3107	05/21/25	RTN	Field pH		7.74	Units	
W-3107	06/18/25	RTN	Field Dissolved Oxygen		7.61	PPM	
W-3107	06/18/25	RTN	Field Oxidation Potential (Eh)		223	mVolts	
W-3107	06/18/25	RTN	Field Specific Conductance		1130	umhos/cm	
W-3107	06/18/25	RTN	Field Temperature		21.5	Degrees C	
W-3107	06/18/25	RTN	Field pH		7.45	Units	
W-3107	07/24/25	RTN	Field Dissolved Oxygen		7.94	PPM	
W-3107	07/24/25	RTN	Field Oxidation Potential (Eh)		178	mVolts	
W-3107	07/24/25	RTN	Field Specific Conductance		1139	umhos/cm	
W-3107	07/24/25	RTN	Field Temperature		20.4	Degrees C	
W-3107	07/24/25	RTN	Field pH		7.6	Units	
W-3107	08/20/25	RTN	Field Dissolved Oxygen		7.52	PPM	
W-3107	08/20/25	RTN	Field Oxidation Potential (Eh)		139	mVolts	
W-3107	08/20/25	RTN	Field Specific Conductance		1078	umhos/cm	
W-3107	08/20/25	RTN	Field Temperature		21.4	Degrees C	
W-3107	08/20/25	RTN	Field pH		7.43	Units	
W-3107	09/17/25	RTN	Field Dissolved Oxygen		6.48	PPM	
W-3107	09/17/25	RTN	Field Oxidation Potential (Eh)		-113.6	mVolts	
W-3107	09/17/25	RTN	Field Specific Conductance		1184	umhos/cm	
W-3107	09/17/25	RTN	Field Temperature		21.7	Degrees C	
W-3107	09/17/25	RTN	Field pH		7.59	Units	
W-3107	10/22/25	RTN	Field Dissolved Oxygen		6.94	PPM	
W-3107	10/22/25	RTN	Field Oxidation Potential (Eh)		145.9	mVolts	
W-3107	10/22/25	RTN	Field Specific Conductance		1110	umhos/cm	
W-3107	10/22/25	RTN	Field Temperature		19.2	Degrees C	
W-3107	10/22/25	RTN	Field pH		7.35	Units	
W-3107	11/20/25	RTN	Field Dissolved Oxygen		7.88	PPM	
W-3107	11/20/25	RTN	Field Oxidation Potential (Eh)		196.2	mVolts	
W-3107	11/20/25	RTN	Field Specific Conductance		1113	umhos/cm	
W-3107	11/20/25	RTN	Field Temperature		19.1	Degrees C	
W-3107	11/20/25	RTN	Field pH		7.37	Units	
W-3107	12/17/25	RTN	Field Dissolved Oxygen		7.64	PPM	

Table 2-4. Groundwater analytical data for ESAR projects at the Livermore Site in 2025.

Well	Date	Sample type	Parameter	LOS indicator	Result	Units	QA flag
W-3107	12/17/25	RTN	Field Oxidation Potential (Eh)		116.1	mVolts	
W-3107	12/17/25	RTN	Field Specific Conductance		1052	umhos/cm	
W-3107	12/17/25	RTN	Field Temperature		19.1	Degrees C	
W-3107	12/17/25	RTN	Field pH		7.44	Units	

Notes:

Degrees C = degrees Celsius; mg/L = milligrams per liter; mVolts = millivolts; PPM = parts per million; µg/L = micrograms per liter; umhos/cm = micromhos per centimeter; Units = pH units (0-14); ESAR = enhanced source area remediation; LOS = limit of sensitivity; QA = quality assurance; RTN = routine sample.

< Indicates the measured value is less than the reporting limit.

Data qualifier flags

B = Analyte found in method blank; sample results have been evaluated.

D = Analysis performed at a secondary dilution or concentration.

E = The analyte was detected below the LLNL reporting limit, but above, or equal to, the analytical laboratory minimum detection limit or activity.

F = Analyte found in field blank, trip blank, or equipment blank; sample results have been evaluated.

H = Sample analyzed outside of holding time; sample results have been evaluated.

I = Surrogate or tracer yield recoveries were outside of quality control limits; sample results have been evaluated.

J = The analyte was positively identified; however, the associated numerical value is the approximate concentration or activity of the analyte in the sample.

L = Matrix spike recoveries not within control limits.

O = Matrix spike duplicate relative percent difference (RPD), sample duplicate RPD, or relative error ratio (RER) not within control limits.

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/24/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Moisture by weight		3.65	Percent	
B-4120	06/24/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Moisture by weight		11.5	Percent	
B-4120	06/24/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/24/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Moisture by weight		10.7	Percent	
B-4120	06/24/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Moisture by weight		10.3	Percent	
B-4120	06/24/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/24/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Moisture by weight		3.21	Percent	
B-4120	06/24/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Moisture by weight		5.23	Percent	
B-4120	06/24/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/24/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4120	06/24/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Moisture by weight		15.1	Percent	
B-4120	06/24/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4120	06/24/25	BUS	70	Trichloroethene		0.0132	mg/kg	
B-4120	06/24/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4120	06/24/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Moisture by weight		10.5	Percent	
B-4120	06/24/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4120	06/24/25	BUS	80	Trichloroethene		0.00734	mg/kg	
B-4120	06/24/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/24/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4120	06/24/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Moisture by weight		20.6	Percent	
B-4120	06/24/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4120	06/24/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4120	06/24/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/24/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Moisture by weight		14.8	Percent	
B-4120	06/25/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4120	06/25/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	100	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/25/25	BSS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	Bromoform	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	Chloroform	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	100	Trichloroethene		0.0151	mg/kg	
B-4120	06/25/25	BSS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS		Moisture by weight		19.1	Percent	
B-4120	06/25/25	BSS		Tritium	<	0.2	pCi/g	
B-4120	06/25/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Moisture by weight		13.5	Percent	
B-4120	06/25/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	110	Trichloroethene		0.00639	mg/kg	
B-4120	06/25/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4120	06/25/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/25/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Moisture by weight		18.4	Percent	
B-4120	06/25/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Trichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4120	06/25/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	Moisture by weight		18.6	Percent	
B-4120	06/25/25	BSS	130	Tetrachloroethene		0.00793	mg/kg	
B-4120	06/25/25	BSS	130	Trichloroethene		0.0523	mg/kg	
B-4120	06/25/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4120	06/25/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4120	06/25/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	Moisture by weight		8.03	Percent	
B-4120	06/25/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	140	Trichloroethene	<	0.005	mg/kg	E
B-4120	06/25/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4120	06/25/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4120	06/25/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Chloroform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Moisture by weight		6.27	Percent	
B-4121	06/26/25	BUS	11	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	11	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	11	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/26/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Moisture by weight		9.69	Percent	
B-4121	06/26/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Moisture by weight		11.9	Percent	
B-4121	06/26/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Chloroform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/26/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Moisture by weight		10.8	Percent	
B-4121	06/26/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Moisture by weight		12.8	Percent	
B-4121	06/26/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/26/25	BUS	60	Moisture by weight		15.2	Percent	
B-4121	06/26/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Chloroform	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	71.5	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Moisture by weight		13	Percent	
B-4121	06/26/25	BUS	71.5	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Trichloroethene	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	71.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	71.5	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	71.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Moisture by weight		10.4	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/26/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Moisture by weight		11.2	Percent	
B-4121	06/26/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Moisture by weight		15.2	Percent	
B-4121	06/26/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/26/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4121	06/26/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Moisture by weight		17.2	Percent	
B-4121	06/26/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Trichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4121	06/26/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/26/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Chloroform	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Moisture by weight		16.3	Percent	
B-4121	06/30/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Trichloroethene	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/30/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4121	06/30/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Chloroform	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Moisture by weight		15.4	Percent	
B-4121	06/30/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	120	Trichloroethene		0.0249	mg/kg	
B-4121	06/30/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4121	06/30/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	Moisture by weight		15.2	Percent	
B-4121	06/30/25	BSS	130	Tetrachloroethene		0.0075	mg/kg	
B-4121	06/30/25	BSS	130	Trichloroethene		0.0521	mg/kg	
B-4121	06/30/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4121	06/30/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4121	06/30/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	140	1,1-Dichloroethene		0.0105	mg/kg	
B-4121	06/30/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	140	Chloroform		0.01	mg/kg	
B-4121	06/30/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	Moisture by weight		16.1	Percent	
B-4121	06/30/25	BSS	140	Tetrachloroethene		0.0167	mg/kg	
B-4121	06/30/25	BSS	140	Trichloroethene		0.211	mg/kg	D
B-4121	06/30/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	E
B-4121	06/30/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4121	06/30/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4121	06/30/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Bromodichloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Bromoform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Chloroform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Dibromochloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Moisture by weight		7.67	Percent	
B-4122	06/30/25	BUS	11	Tetrachloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Trichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	06/30/25	BUS	11	Tritium	<	0.2	pCi/g	
B-4122	06/30/25	BUS	11	Vinyl chloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	11	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Moisture by weight		14.2	Percent	
B-4122	06/30/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4122	06/30/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Moisture by weight		11	Percent	
B-4122	06/30/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	Tritium	<	0.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	06/30/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Moisture by weight		13.4	Percent	
B-4122	06/30/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4122	06/30/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Moisture by weight		9.85	Percent	
B-4122	06/30/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4122	06/30/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	06/30/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Moisture by weight		20.3	Percent	
B-4122	06/30/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4122	06/30/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	06/30/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Moisture by weight		9.36	Percent	
B-4122	07/01/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	Trichlorotrifluoroethane	<	0.00616	mg/kg	
B-4122	07/01/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4122	07/01/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	07/01/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Chloroform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Moisture by weight		6.94	Percent	
B-4122	07/01/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Trichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4122	07/01/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4122	07/01/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Moisture by weight		11.7	Percent	
B-4122	07/01/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4122	07/01/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4122	07/01/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	07/01/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4122	07/01/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4122	07/01/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Moisture by weight		16.2	Percent	
B-4122	07/01/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4122	07/01/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4122	07/01/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4122	07/01/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Moisture by weight		16.7	Percent	
B-4122	07/01/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Trichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4122	07/01/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	07/01/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4122	07/01/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Moisture by weight		17.4	Percent	
B-4122	07/01/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Trichloroethene	<	0.005	mg/kg	E
B-4122	07/01/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4122	07/01/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/01/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4122	07/07/25	BSS	124	1,2-Dichloroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Bromoform	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Chloroform	<	0.005	mg/kg	E
B-4122	07/07/25	BSS	124	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Moisture by weight		12	Percent	
B-4122	07/07/25	BSS	124	Tetrachloroethene	<	0.005	mg/kg	E
B-4122	07/07/25	BSS	124	Trichloroethene		0.0106	mg/kg	
B-4122	07/07/25	BSS	124	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	Tritium	<	0.2	pCi/g	
B-4122	07/07/25	BSS	124	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/07/25	BSS	124	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4122	07/07/25	BSS	132	1,1-Dichloroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4122	07/07/25	BSS	132	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4122	07/07/25	BSS	132	Bromodichloromethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	Bromoform	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	Carbon tetrachloride	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	Chloroform	<	0.005	mg/kg	E
B-4122	07/07/25	BSS	132	Dibromochloromethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	Moisture by weight		15.8	Percent	
B-4122	07/07/25	BSS	132	Tetrachloroethene		0.00751	mg/kg	
B-4122	07/07/25	BSS	132	Trichloroethene		0.0406	mg/kg	
B-4122	07/07/25	BSS	132	Trichlorofluoromethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	Tritium	<	0.2	pCi/g	
B-4122	07/07/25	BSS	132	Vinyl chloride	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4122	07/07/25	BSS	132	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Moisture by weight		15.4	Percent	
B-4123	07/07/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4123	07/07/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/07/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Moisture by weight		16	Percent	
B-4123	07/07/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4123	07/07/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Moisture by weight		11.4	Percent	
B-4123	07/07/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4123	07/07/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/07/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Moisture by weight		14.7	Percent	
B-4123	07/07/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4123	07/07/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Moisture by weight		14	Percent	
B-4123	07/07/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4123	07/07/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/07/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/08/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Chloroform	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Moisture by weight		12.3	Percent	
B-4123	07/08/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Moisture by weight		4.38	Percent	
B-4123	07/08/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/08/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	Moisture by weight		10.7	Percent	
B-4123	07/08/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	Moisture by weight		9.7	Percent	
B-4123	07/08/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	80	Trichloroethene		0.00715	mg/kg	
B-4123	07/08/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/08/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	Chloroform		0.00504	mg/kg	
B-4123	07/08/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	Moisture by weight		13.6	Percent	
B-4123	07/08/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	90	Trichloroethene		0.0513	mg/kg	
B-4123	07/08/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	Moisture by weight		14.5	Percent	
B-4123	07/08/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/08/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4123	07/08/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	Moisture by weight		14.9	Percent	
B-4123	07/08/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/08/25	BSS	110	Trichloroethene		0.0168	mg/kg	
B-4123	07/08/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	1,1-Dichloroethene		0.00705	mg/kg	
B-4123	07/08/25	BSS	123	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	Bromoform	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	Carbon tetrachloride	<	0.005	mg/kg	E
B-4123	07/08/25	BSS	123	Chloroform	<	0.005	mg/kg	E
B-4123	07/08/25	BSS	123	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	Moisture by weight		18.5	Percent	
B-4123	07/08/25	BSS	123	Tetrachloroethene		0.00631	mg/kg	
B-4123	07/08/25	BSS	123	Trichloroethene	<	0.0801	mg/kg	DE
B-4123	07/08/25	BSS	123	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	Trichlorotrifluoroethane	<	0.005	mg/kg	E
B-4123	07/08/25	BSS	123	Tritium	<	0.2	pCi/g	
B-4123	07/08/25	BSS	123	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/08/25	BSS	123	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1-Dichloroethene		0.0113	mg/kg	
B-4123	07/09/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4123	07/09/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	E
B-4123	07/09/25	BSS	130	Chloroform		0.0086	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/09/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Moisture by weight		16.4	Percent	
B-4123	07/09/25	BSS	130	Tetrachloroethene		0.016	mg/kg	
B-4123	07/09/25	BSS	130	Trichloroethene		0.324	mg/kg	D
B-4123	07/09/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4123	07/09/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	1,1-Dichloroethene		0.00511	mg/kg	
B-4123	07/09/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Chloroform		0.00676	mg/kg	
B-4123	07/09/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Moisture by weight		20.1	Percent	
B-4123	07/09/25	BSS	130	Tetrachloroethene		0.00641	mg/kg	
B-4123	07/09/25	BSS	130	Trichloroethene		0.0974	mg/kg	
B-4123	07/09/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	Trichlorotrifluoroethane	<	0.00542	mg/kg	
B-4123	07/09/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4123	07/09/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/09/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4123	07/09/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4123	07/09/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4123	07/09/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4123	07/09/25	BSS	140	Moisture by weight		17.1	Percent	
B-4123	07/09/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4123	07/09/25	BSS	140	Trichloroethene		0.0539	mg/kg	
B-4123	07/09/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4123	07/09/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4123	07/09/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Moisture by weight		16.1	Percent	
B-4124	07/09/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	Tritium		0.327	pCi/g	
B-4124	07/09/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Moisture by weight		12.6	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/09/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	Tritium		0.269	pCi/g	
B-4124	07/09/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Moisture by weight		12.6	Percent	
B-4124	07/09/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4124	07/09/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Chloroform	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Moisture by weight		13.7	Percent	
B-4124	07/09/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/09/25	BUS	40	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4124	07/09/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Chloroform	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Moisture by weight		13.2	Percent	
B-4124	07/09/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4124	07/09/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Moisture by weight		3.66	Percent	
B-4124	07/09/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Trichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/09/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4124	07/09/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	Moisture by weight		12.2	Percent	
B-4124	07/09/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4124	07/09/25	BUS	70	Trichloroethene		0.00821	mg/kg	
B-4124	07/09/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4124	07/09/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/09/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Moisture by weight		10	Percent	
B-4124	07/10/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/10/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4124	07/10/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Moisture by weight		13.6	Percent	
B-4124	07/10/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4124	07/10/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Chloroform	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Moisture by weight		11.5	Percent	
B-4124	07/10/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/10/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4124	07/10/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Moisture by weight		16.3	Percent	
B-4124	07/10/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4124	07/10/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Moisture by weight		15.3	Percent	
B-4124	07/10/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	110	Trichloroethene		0.0186	mg/kg	
B-4124	07/10/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	Tritium		0.408	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/10/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Moisture by weight		18.1	Percent	
B-4124	07/10/25	BSS	120	Tetrachloroethene		0.00581	mg/kg	
B-4124	07/10/25	BSS	120	Trichloroethene		0.0467	mg/kg	
B-4124	07/10/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	Tritium		0.502	pCi/g	
B-4124	07/10/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Moisture by weight		19.6	Percent	
B-4124	07/10/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	130	Trichloroethene		0.0225	mg/kg	
B-4124	07/10/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	Tritium		0.303	pCi/g	
B-4124	07/10/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4124	07/10/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Moisture by weight		14	Percent	
B-4124	07/10/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4124	07/10/25	BSS	140	Trichloroethene		0.0421	mg/kg	
B-4124	07/10/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4124	07/10/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4124	07/10/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Moisture by weight		11.8	Percent	
B-4125	07/15/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/15/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Moisture by weight		16	Percent	
B-4125	07/15/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Tritium		0.224	pCi/g	
B-4125	07/15/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Moisture by weight		17	Percent	
B-4125	07/15/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/15/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Moisture by weight		13	Percent	
B-4125	07/15/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	Tritium		0.235	pCi/g	
B-4125	07/15/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Moisture by weight		12.4	Percent	
B-4125	07/15/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	Trichlorotrifluoroethane	<	0.00533	mg/kg	
B-4125	07/15/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/15/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Moisture by weight		10.2	Percent	
B-4125	07/15/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Moisture by weight		9.18	Percent	
B-4125	07/15/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/15/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4125	07/15/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Moisture by weight		18	Percent	
B-4125	07/15/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4125	07/15/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4125	07/15/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Bromoform	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Chloroform	<	0.005	mg/kg	E
B-4125	07/15/25	BUS	81.5	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Moisture by weight		9.57	Percent	
B-4125	07/15/25	BUS	81.5	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Trichloroethene	<	0.005	mg/kg	E
B-4125	07/15/25	BUS	81.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	Tritium	<	0.2	pCi/g	
B-4125	07/15/25	BUS	81.5	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/15/25	BUS	81.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/16/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4125	07/16/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Moisture by weight		11	Percent	
B-4125	07/16/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BUS	90	Trichloroethene		0.00642	mg/kg	
B-4125	07/16/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4125	07/16/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Moisture by weight		16	Percent	
B-4125	07/16/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	Tritium		0.211	pCi/g	
B-4125	07/16/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/16/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	Moisture by weight		15.2	Percent	
B-4125	07/16/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	110	Trichloroethene		0.0211	mg/kg	
B-4125	07/16/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4125	07/16/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Moisture by weight		14.2	Percent	
B-4125	07/16/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Trichloroethene		0.00857	mg/kg	
B-4125	07/16/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4125	07/16/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/16/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Moisture by weight		19.1	Percent	
B-4125	07/16/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Trichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	Tritium		0.319	pCi/g	
B-4125	07/16/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Bromodichloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Chloroform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Moisture by weight		19.1	Percent	
B-4125	07/16/25	BSS	132.5	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Trichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	132.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	Tritium		0.261	pCi/g	
B-4125	07/16/25	BSS	132.5	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	132.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4125	07/16/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Chloroform	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Moisture by weight		13.8	Percent	
B-4125	07/16/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Trichloroethene	<	0.005	mg/kg	E
B-4125	07/16/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4125	07/16/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4125	07/16/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Moisture by weight		15.6	Percent	
B-4126	07/17/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Moisture by weight		12	Percent	
B-4126	07/17/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Moisture by weight		17.6	Percent	
B-4126	07/17/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Moisture by weight		13.1	Percent	
B-4126	07/17/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Moisture by weight		11.5	Percent	
B-4126	07/17/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Chloroform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Moisture by weight		5.35	Percent	
B-4126	07/17/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Moisture by weight		11.1	Percent	
B-4126	07/17/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BUS	80	Moisture by weight		8.21	Percent	
B-4126	07/17/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	80	Trichloroethene		0.00515	mg/kg	
B-4126	07/17/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Moisture by weight		5.48	Percent	
B-4126	07/17/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	Moisture by weight		17.7	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	90	Trichloroethene		0.0147	mg/kg	
B-4126	07/17/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Moisture by weight		16.1	Percent	
B-4126	07/17/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	Moisture by weight		15.4	Percent	
B-4126	07/17/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BSS	110	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Chloroform	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Moisture by weight		14.5	Percent	
B-4126	07/17/25	BSS	121	Tetrachloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Trichloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	121	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BSS	121	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BSS	121	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	121	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	Moisture by weight		15.6	Percent	
B-4126	07/17/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	130	Trichloroethene		0.0052	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4126	07/17/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	1,1-Dichloroethene		0.00513	mg/kg	
B-4126	07/17/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	E
B-4126	07/17/25	BSS	140	Chloroform		0.00662	mg/kg	
B-4126	07/17/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	Moisture by weight		15.6	Percent	
B-4126	07/17/25	BSS	140	Tetrachloroethene		0.00873	mg/kg	
B-4126	07/17/25	BSS	140	Trichloroethene		0.139	mg/kg	D
B-4126	07/17/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	O
B-4126	07/17/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4126	07/17/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4126	07/17/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4127	08/11/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Moisture by weight		17.6	Percent	
B-4127	08/11/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/11/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Moisture by weight		11.8	Percent	
B-4127	08/11/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Moisture by weight		14.4	Percent	
B-4127	08/11/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/11/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Moisture by weight		19.2	Percent	
B-4127	08/11/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Moisture by weight		4.56	Percent	
B-4127	08/11/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	40	Tritium	<	0.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/11/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	Moisture by weight		16.3	Percent	
B-4127	08/11/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	EL
B-4127	08/11/25	BUS	50	Trichloroethene	<	0.005	mg/kg	EL
B-4127	08/11/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Moisture by weight		3.61	Percent	
B-4127	08/11/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	Trichloroethene	<	0.005	mg/kg	EL
B-4127	08/11/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/11/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Moisture by weight		15.8	Percent	
B-4127	08/11/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Moisture by weight		14	Percent	
B-4127	08/11/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Trichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	L

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/11/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Bromoform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Chloroform	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Moisture by weight		15.4	Percent	
B-4127	08/11/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	Trichloroethene		0.0212	mg/kg	L
B-4127	08/11/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4127	08/11/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4127	08/11/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/11/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/11/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	Chloroform	<	0.005	mg/kg	EL
B-4127	08/12/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	Moisture by weight		16.8	Percent	
B-4127	08/12/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BUS	100	Trichloroethene		0.0122	mg/kg	
B-4127	08/12/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4127	08/12/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/12/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/12/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	Chloroform	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	Moisture by weight		17	Percent	
B-4127	08/12/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	110	Trichloroethene		0.0147	mg/kg	
B-4127	08/12/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4127	08/12/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Chloroform	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Moisture by weight		17.3	Percent	
B-4127	08/12/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Trichloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4127	08/12/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	1,1,1-Trichloroethane	<	0.005	mg/kg	L

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/12/25	DUP	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	1,1-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Bromodichloromethane	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Bromoform	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Chloroform	<	0.005	mg/kg	L
B-4127	08/12/25	DUP	120	Dibromochloromethane	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Moisture by weight		12.7	Percent	
B-4127	08/12/25	DUP	120	Tetrachloroethene	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Trichloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	DUP	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4127	08/12/25	DUP	120	Tritium	<	0.2	pCi/g	
B-4127	08/12/25	DUP	120	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/12/25	DUP	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	DUP	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	Chloroform	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	Moisture by weight		18.4	Percent	
B-4127	08/12/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	130	Trichloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4127	08/12/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4127	08/12/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	Chloroform	<	0.005	mg/kg	EL
B-4127	08/12/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4127	08/12/25	BSS	140	Trichloroethene		0.0247	mg/kg	
B-4127	08/12/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4127	08/12/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4127	08/12/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Moisture by weight		6.74	Percent	
B-4128	07/14/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/14/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Moisture by weight		13.6	Percent	
B-4128	07/14/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Moisture by weight		5.46	Percent	
B-4128	07/14/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	Trichlorotrifluoroethane	<	0.00569	mg/kg	
B-4128	07/14/25	BUS	30	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/14/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Moisture by weight		14.9	Percent	
B-4128	07/14/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	40	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Moisture by weight		6.16	Percent	
B-4128	07/14/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/14/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Chloroform	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Moisture by weight		15.4	Percent	
B-4128	07/14/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Moisture by weight		3.28	Percent	
B-4128	07/14/25	BUS	59.5	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	59.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	Trichlorotrifluoroethane	<	0.00598	mg/kg	
B-4128	07/14/25	BUS	59.5	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	59.5	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	59.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	70.5	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/14/25	BUS	70.5	Chloroform	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	70.5	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	Moisture by weight		8.97	Percent	
B-4128	07/14/25	BUS	70.5	Tetrachloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	70.5	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	70.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	70.5	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	70.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Chloroform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Moisture by weight		10.2	Percent	
B-4128	07/14/25	BUS	79.5	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Trichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	79.5	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	79.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	Chloroform	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/14/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	Moisture by weight		15.5	Percent	
B-4128	07/14/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	90	Trichloroethene		0.0185	mg/kg	
B-4128	07/14/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Moisture by weight		16.8	Percent	
B-4128	07/14/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4128	07/14/25	BUS	100	Trichloroethene		0.026	mg/kg	
B-4128	07/14/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	Tritium	<	0.2	pCi/g	O
B-4128	07/14/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/14/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/15/25	BSS	110	Moisture by weight		14.7	Percent	
B-4128	07/15/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	110	Trichloroethene		0.0221	mg/kg	
B-4128	07/15/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4128	07/15/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	116.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	Bromoform	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	Carbon tetrachloride	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	116.5	Chloroform	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	116.5	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	Moisture by weight		14.1	Percent	
B-4128	07/15/25	BSS	116.5	Tetrachloroethene		0.00594	mg/kg	
B-4128	07/15/25	BSS	116.5	Trichloroethene		0.0403	mg/kg	
B-4128	07/15/25	BSS	116.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	Tritium	<	0.2	pCi/g	
B-4128	07/15/25	BSS	116.5	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	116.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Chloroform	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Moisture by weight		13.8	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4128	07/15/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Trichloroethene	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4128	07/15/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	1,1-Dichloroethene		0.00601	mg/kg	
B-4128	07/15/25	BSS	140.5	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	140.5	Bromodichloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	Bromoform	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	Carbon tetrachloride	<	0.005	mg/kg	E
B-4128	07/15/25	BSS	140.5	Chloroform		0.00757	mg/kg	
B-4128	07/15/25	BSS	140.5	Dibromochloromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	Moisture by weight		13.7	Percent	
B-4128	07/15/25	BSS	140.5	Tetrachloroethene		0.0132	mg/kg	
B-4128	07/15/25	BSS	140.5	Trichloroethene		0.172	mg/kg	D
B-4128	07/15/25	BSS	140.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	Tritium	<	0.2	pCi/g	
B-4128	07/15/25	BSS	140.5	Vinyl chloride	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4128	07/15/25	BSS	140.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Moisture by weight		2.26	Percent	
B-4129	07/21/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/21/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Moisture by weight		15.2	Percent	
B-4129	07/21/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Moisture by weight		16.6	Percent	
B-4129	07/21/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Trichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/21/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Moisture by weight		12.2	Percent	
B-4129	07/21/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Moisture by weight		11.9	Percent	
B-4129	07/21/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/21/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Moisture by weight		5.35	Percent	
B-4129	07/21/25	BUS	51.5	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	51.5	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	51.5	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Moisture by weight		9.35	Percent	
B-4129	07/21/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/21/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4129	07/21/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4129	07/21/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Moisture by weight		15.9	Percent	
B-4129	07/21/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4129	07/21/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	Tritium		0.237	pCi/g	
B-4129	07/21/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Moisture by weight		2.52	Percent	
B-4129	07/21/25	BUS	81	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	Tritium	<	0.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/21/25	BUS	81	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	81	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Chloroform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Moisture by weight		15.3	Percent	
B-4129	07/21/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Trichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4129	07/21/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Moisture by weight		17	Percent	
B-4129	07/21/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4129	07/21/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4129	07/21/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4129	07/21/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/21/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/21/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Chloroform	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Moisture by weight		13.6	Percent	
B-4129	07/22/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	110	Trichloroethene	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4129	07/22/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Chloroform	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Moisture by weight		13.3	Percent	
B-4129	07/22/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	120	Trichloroethene		0.0263	mg/kg	
B-4129	07/22/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4129	07/22/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4129	07/22/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Chloroform	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Moisture by weight		14.7	Percent	
B-4129	07/22/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Trichloroethene	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4129	07/22/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	1,1-Dichloroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	1,1-Dichloroethene		0.00528	mg/kg	
B-4129	07/22/25	BSS	141	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	141	Bromodichloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	Bromoform	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	Carbon tetrachloride	<	0.005	mg/kg	E
B-4129	07/22/25	BSS	141	Chloroform		0.0106	mg/kg	
B-4129	07/22/25	BSS	141	Dibromochloromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	Moisture by weight		15.2	Percent	
B-4129	07/22/25	BSS	141	Tetrachloroethene		0.0128	mg/kg	
B-4129	07/22/25	BSS	141	Trichloroethene		0.172	mg/kg	D
B-4129	07/22/25	BSS	141	Trichlorofluoromethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	Tritium	<	0.2	pCi/g	
B-4129	07/22/25	BSS	141	Vinyl chloride	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4129	07/22/25	BSS	141	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/22/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Moisture by weight		16.2	Percent	
B-4130	07/22/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4130	07/22/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Moisture by weight		15.5	Percent	
B-4130	07/22/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4130	07/22/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/22/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Moisture by weight		14.9	Percent	
B-4130	07/22/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4130	07/22/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Moisture by weight		17.2	Percent	
B-4130	07/22/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4130	07/22/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/22/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Moisture by weight		13.2	Percent	
B-4130	07/22/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4130	07/22/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Moisture by weight		15.1	Percent	
B-4130	07/22/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4130	07/22/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/22/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/23/25	BUS	61	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Chloroform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Moisture by weight		7.59	Percent	
B-4130	07/23/25	BUS	61	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Trichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BUS	61	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	61	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Moisture by weight		14.7	Percent	
B-4130	07/23/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/23/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Moisture by weight		13.5	Percent	
B-4130	07/23/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Chloroform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Moisture by weight		16.3	Percent	
B-4130	07/23/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	90	Trichloroethene		0.00512	mg/kg	
B-4130	07/23/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/23/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Moisture by weight		18.4	Percent	
B-4130	07/23/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Chloroform	<	0.005	mg/kg	E
B-4130	07/23/25	DUP	100	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Moisture by weight		16.6	Percent	
B-4130	07/23/25	DUP	100	Tetrachloroethene	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Trichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	DUP	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	DUP	100	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	DUP	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	1,1-Dichloroethene		0.00664	mg/kg	
B-4130	07/23/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/23/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	Moisture by weight		15.6	Percent	
B-4130	07/23/25	BSS	110	Tetrachloroethene		0.00727	mg/kg	
B-4130	07/23/25	BSS	110	Trichloroethene		0.054	mg/kg	
B-4130	07/23/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Chloroform	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Moisture by weight		18.1	Percent	
B-4130	07/23/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	120	Trichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4130	07/23/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	Moisture by weight		13.5	Percent	
B-4130	07/23/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	130	Trichloroethene		0.036	mg/kg	
B-4130	07/23/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	Tritium		0.244	pCi/g	
B-4130	07/23/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	E
B-4130	07/23/25	BSS	140	Chloroform		0.00665	mg/kg	
B-4130	07/23/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	Moisture by weight		14.6	Percent	
B-4130	07/23/25	BSS	140	Tetrachloroethene		0.0106	mg/kg	
B-4130	07/23/25	BSS	140	Trichloroethene		0.0556	mg/kg	D
B-4130	07/23/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4130	07/23/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4130	07/23/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/24/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Moisture by weight		13.5	Percent	
B-4131	07/24/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Moisture by weight		13.2	Percent	
B-4131	07/24/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Chloroform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/24/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Moisture by weight		19.2	Percent	
B-4131	07/24/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Moisture by weight		13.5	Percent	
B-4131	07/24/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/24/25	BUS	50	Moisture by weight		3.77	Percent	
B-4131	07/24/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	Trichlorotrifluoroethane	<	0.00584	mg/kg	
B-4131	07/24/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Moisture by weight		11.5	Percent	
B-4131	07/24/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Moisture by weight		14.2	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/24/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Moisture by weight		14.4	Percent	
B-4131	07/24/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Moisture by weight		14.8	Percent	
B-4131	07/24/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/24/25	BUS	90	Trichloroethene		0.00764	mg/kg	
B-4131	07/24/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Moisture by weight		9.45	Percent	
B-4131	07/24/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BUS	100	Trichloroethene		0.0074	mg/kg	
B-4131	07/24/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4131	07/24/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4131	07/24/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Moisture by weight		13.4	Percent	
B-4131	07/24/25	BSS	110	Tetrachloroethene		0.00714	mg/kg	
B-4131	07/24/25	BSS	110	Trichloroethene		0.0631	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/24/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4131	07/24/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/24/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Chloroform	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Moisture by weight		12.5	Percent	
B-4131	07/28/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	120	Trichloroethene		0.0128	mg/kg	
B-4131	07/28/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	Tritium		0.207	pCi/g	
B-4131	07/28/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/28/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	Moisture by weight		14.8	Percent	
B-4131	07/28/25	BSS	130	Tetrachloroethene		0.00707	mg/kg	
B-4131	07/28/25	BSS	130	Trichloroethene		0.059	mg/kg	
B-4131	07/28/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4131	07/28/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	Tritium		0.213	pCi/g	
B-4131	07/28/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/28/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	Moisture by weight		14.3	Percent	
B-4131	07/28/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4131	07/28/25	BSS	140	Trichloroethene		0.0523	mg/kg	
B-4131	07/28/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4131	07/28/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4131	07/28/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Moisture by weight		6.38	Percent	
B-4132	07/28/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/28/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Moisture by weight		16.1	Percent	
B-4132	07/28/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Moisture by weight		16.4	Percent	
B-4132	07/28/25	DUP	20	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	Tritium	<	0.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/28/25	DUP	20	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	DUP	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Moisture by weight		3.44	Percent	
B-4132	07/28/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Moisture by weight		14.8	Percent	
B-4132	07/28/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/28/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Moisture by weight		4.95	Percent	
B-4132	07/28/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Moisture by weight		5.59	Percent	
B-4132	07/28/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4132	07/28/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/28/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Chloroform	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Moisture by weight		14.1	Percent	
B-4132	07/28/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Trichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4132	07/28/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/28/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Chloroform	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Moisture by weight		12.6	Percent	
B-4132	07/29/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4132	07/29/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/29/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Moisture by weight		15.7	Percent	
B-4132	07/29/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4132	07/29/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Moisture by weight		16.8	Percent	
B-4132	07/29/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BUS	100	Trichloroethene		0.0141	mg/kg	
B-4132	07/29/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4132	07/29/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/29/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Moisture by weight		14.1	Percent	
B-4132	07/29/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	110	Trichloroethene		0.00864	mg/kg	
B-4132	07/29/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4132	07/29/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	1,1-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	121	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Moisture by weight		8.33	Percent	
B-4132	07/29/25	BSS	121	Tetrachloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	121	Trichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	121	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	Tritium	<	0.2	pCi/g	
B-4132	07/29/25	BSS	121	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	121	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/29/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Moisture by weight		14.3	Percent	
B-4132	07/29/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	130	Trichloroethene		0.0362	mg/kg	
B-4132	07/29/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	Tritium		0.308	pCi/g	
B-4132	07/29/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	DUP	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	DUP	130	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Moisture by weight		16.5	Percent	
B-4132	07/29/25	DUP	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	DUP	130	Trichloroethene		0.0445	mg/kg	
B-4132	07/29/25	DUP	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	Tritium		1.41	pCi/g	
B-4132	07/29/25	DUP	130	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	DUP	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4132	07/29/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	Moisture by weight		14.9	Percent	
B-4132	07/29/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4132	07/29/25	BSS	140	Trichloroethene		0.0405	mg/kg	
B-4132	07/29/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	Tritium		1.03	pCi/g	
B-4132	07/29/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4132	07/29/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Moisture by weight		8.12	Percent	
B-4133	07/30/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/30/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Moisture by weight		10.2	Percent	
B-4133	07/30/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Moisture by weight		20.4	Percent	
B-4133	07/30/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/30/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Moisture by weight		15.1	Percent	
B-4133	07/30/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Moisture by weight		7.25	Percent	
B-4133	07/30/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/30/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Moisture by weight		4.05	Percent	
B-4133	07/30/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	Moisture by weight		16.8	Percent	
B-4133	07/30/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	Tritium		0.389	pCi/g	
B-4133	07/30/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4133	07/30/25	DUP	70	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/30/25	DUP	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	Chloroform	<	0.005	mg/kg	E
B-4133	07/30/25	DUP	70	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	Moisture by weight		14	Percent	
B-4133	07/30/25	DUP	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	DUP	70	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	DUP	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	DUP	70	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	DUP	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	Chloroform		0.0053	mg/kg	
B-4133	07/30/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	Moisture by weight		14.3	Percent	
B-4133	07/30/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	80	Trichloroethene		0.0239	mg/kg	
B-4133	07/30/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/30/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	Moisture by weight		16.6	Percent	
B-4133	07/30/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	90	Trichloroethene		0.0234	mg/kg	
B-4133	07/30/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Moisture by weight		15.1	Percent	
B-4133	07/30/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Chloroform	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/30/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Moisture by weight		16.5	Percent	
B-4133	07/30/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BSS	110	Trichloroethene		0.0189	mg/kg	
B-4133	07/30/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Moisture by weight		7.69	Percent	
B-4133	07/30/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Trichloroethene	<	0.005	mg/kg	E
B-4133	07/30/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4133	07/30/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/30/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4133	07/31/25	BSS	130	Moisture by weight		10.1	Percent	
B-4133	07/31/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	130	Trichloroethene		0.0163	mg/kg	
B-4133	07/31/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4133	07/31/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/31/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	Moisture by weight		9.65	Percent	
B-4133	07/31/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4133	07/31/25	BSS	140	Trichloroethene		0.0318	mg/kg	
B-4133	07/31/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4133	07/31/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4133	07/31/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Moisture by weight		6.2	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	07/31/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	Trichlorotrifluoroethane	<	0.00515	mg/kg	
B-4134	07/31/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4134	07/31/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Moisture by weight		12	Percent	
B-4134	07/31/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4134	07/31/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Moisture by weight		8.89	Percent	
B-4134	07/31/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	07/31/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4134	07/31/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Moisture by weight		11	Percent	
B-4134	07/31/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4134	07/31/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Moisture by weight		13.8	Percent	
B-4134	07/31/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Trichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	07/31/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4134	07/31/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Moisture by weight		6.92	Percent	
B-4134	07/31/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	Trichlorotrifluoroethane	<	0.00535	mg/kg	
B-4134	07/31/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4134	07/31/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	07/31/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	Moisture by weight		15	Percent	
B-4134	08/04/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	08/04/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	Tritium		0.4	pCi/g	
B-4134	08/04/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Chloroform	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Moisture by weight		4.68	Percent	
B-4134	08/04/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4134	08/04/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	Chloroform	<	0.005	mg/kg	E
B-4134	08/04/25	DUP	80	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	Moisture by weight		14.7	Percent	
B-4134	08/04/25	DUP	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	DUP	80	Trichloroethene		0.00745	mg/kg	
B-4134	08/04/25	DUP	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	08/04/25	DUP	80	Tritium	<	0.2	pCi/g	
B-4134	08/04/25	DUP	80	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	DUP	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Moisture by weight		17.4	Percent	
B-4134	08/04/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	90	Trichloroethene		0.00535	mg/kg	
B-4134	08/04/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4134	08/04/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Moisture by weight		18.2	Percent	
B-4134	08/04/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	Tritium	<	0.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	08/04/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Chloroform	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Moisture by weight		14.7	Percent	
B-4134	08/04/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Trichloroethene		0.00516	mg/kg	
B-4134	08/04/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	Tritium		0.375	pCi/g	
B-4134	08/04/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Moisture by weight		14.1	Percent	
B-4134	08/04/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4134	08/04/25	BSS	120	Trichloroethene		0.0108	mg/kg	
B-4134	08/04/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	Tritium		0.232	pCi/g	
B-4134	08/04/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	08/04/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/04/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Chloroform	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Moisture by weight		16.4	Percent	
B-4134	08/05/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4134	08/05/25	BSS	130	Trichloroethene		0.00813	mg/kg	
B-4134	08/05/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4134	08/05/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/05/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4134	08/05/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4134	08/05/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Moisture by weight		17.8	Percent	
B-4134	08/05/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4134	08/05/25	BSS	140	Trichloroethene		0.00935	mg/kg	
B-4134	08/05/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4134	08/05/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4134	08/05/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4134	08/05/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Moisture by weight		8.36	Percent	
B-4135A	08/05/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4135A	08/05/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Moisture by weight		6.12	Percent	
B-4135A	08/05/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4135A	08/05/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/05/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Moisture by weight		17.2	Percent	
B-4135A	08/05/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4135A	08/05/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Moisture by weight		14.7	Percent	
B-4135A	08/05/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4135A	08/05/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/05/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Moisture by weight		11.8	Percent	
B-4135A	08/05/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4135A	08/05/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Chloroform	<	0.005	mg/kg	E
B-4135A	08/05/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Moisture by weight		17	Percent	
B-4135A	08/05/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/05/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4135A	08/05/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/05/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/06/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Moisture by weight		13	Percent	
B-4135A	08/06/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Moisture by weight		14.2	Percent	
B-4135A	08/06/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/06/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Moisture by weight		14.7	Percent	
B-4135A	08/06/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Moisture by weight		16.6	Percent	
B-4135A	08/06/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	Tritium		0.606	pCi/g	
B-4135A	08/06/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/06/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Chloroform	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Moisture by weight		14.8	Percent	
B-4135A	08/06/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Chloroform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Moisture by weight		12.2	Percent	
B-4135A	08/06/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	110	Trichloroethene		0.00586	mg/kg	
B-4135A	08/06/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/06/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Moisture by weight		16.8	Percent	
B-4135A	08/06/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	120	Trichloroethene		0.0101	mg/kg	
B-4135A	08/06/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Chloroform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Moisture by weight		13.9	Percent	
B-4135A	08/06/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4135A	08/06/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4135A	08/06/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Moisture by weight		15.9	Percent	
B-4135A	08/06/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Trichloroethene	<	0.005	mg/kg	E
B-4135A	08/06/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	Tritium		0.561	pCi/g	
B-4135A	08/06/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4135A	08/06/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Moisture by weight		16.1	Percent	
B-4136	08/07/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/07/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Moisture by weight		12.9	Percent	
B-4136	08/07/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Moisture by weight		15.6	Percent	
B-4136	08/07/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/07/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Moisture by weight		20.6	Percent	
B-4136	08/07/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Moisture by weight		16.7	Percent	
B-4136	08/07/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Chloroform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/07/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Moisture by weight		6.69	Percent	
B-4136	08/07/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Moisture by weight		6.36	Percent	
B-4136	08/07/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Trichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/07/25	BUS	70	Moisture by weight		15.6	Percent	
B-4136	08/07/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Moisture by weight		12.5	Percent	
B-4136	08/07/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Moisture by weight		14.8	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/07/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Trichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Moisture by weight		14.9	Percent	
B-4136	08/07/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	100	Trichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Chloroform	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Moisture by weight		11.4	Percent	
B-4136	08/07/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/07/25	BSS	110	Trichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Chloroform	<	0.005	mg/kg	E
B-4136	08/07/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Moisture by weight		15.8	Percent	
B-4136	08/07/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4136	08/07/25	BSS	120	Trichloroethene		0.00967	mg/kg	
B-4136	08/07/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4136	08/07/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/07/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4136	08/11/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	EL
B-4136	08/11/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	Bromoform	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	Chloroform	<	0.005	mg/kg	EL
B-4136	08/11/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	Moisture by weight		13.8	Percent	
B-4136	08/11/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	EL
B-4136	08/11/25	BSS	130	Trichloroethene		0.0157	mg/kg	L

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4136	08/11/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/11/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/11/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4136	08/11/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/11/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Bromoform	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Chloroform	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	Trichloroethene		0.0311	mg/kg	L
B-4136	08/11/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4136	08/11/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4136	08/11/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4136	08/11/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4136	08/11/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Chloroform	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Moisture by weight		8.14	Percent	
B-4137	08/12/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	10	Tritium		0.726	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/12/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	21	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	Bromoform	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	Chloroform	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	21	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	Moisture by weight		14.5	Percent	
B-4137	08/12/25	BUS	21	Tetrachloroethene	<	0.005	mg/kg	E
B-4137	08/12/25	BUS	21	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/12/25	BUS	21	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	21	Tritium		0.261	pCi/g	
B-4137	08/12/25	BUS	21	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	21	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	21	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	31	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Bromoform	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Chloroform	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	31	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Moisture by weight		22.2	Percent	
B-4137	08/12/25	BUS	31	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/12/25	BUS	31	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	31	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	31	Tritium		0.371	pCi/g	
B-4137	08/12/25	BUS	31	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/12/25	BUS	31	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	31	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Chloroform	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Moisture by weight		11.2	Percent	
B-4137	08/12/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Trichloroethene	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	40	Tritium		0.275	pCi/g	
B-4137	08/12/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/12/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	L
B-4137	08/12/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Moisture by weight		15.2	Percent	
B-4137	08/13/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/13/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Moisture by weight		12.6	Percent	
B-4137	08/13/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Chloroform	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Moisture by weight		13.4	Percent	
B-4137	08/13/25	DUP	60	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	DUP	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	DUP	60	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	DUP	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/13/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Moisture by weight		8.09	Percent	
B-4137	08/13/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	Tritium		0.207	pCi/g	
B-4137	08/13/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Moisture by weight		18.1	Percent	
B-4137	08/13/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	80	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/13/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	Moisture by weight		13	Percent	
B-4137	08/13/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	90	Trichloroethene		0.048	mg/kg	
B-4137	08/13/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	Tritium		6.17	pCi/g	
B-4137	08/13/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Moisture by weight		15.4	Percent	
B-4137	08/13/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BUS	100	Trichloroethene		0.0415	mg/kg	
B-4137	08/13/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/13/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Moisture by weight		12.9	Percent	
B-4137	08/13/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	110	Trichloroethene		0.0124	mg/kg	
B-4137	08/13/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Chloroform	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Moisture by weight		14.9	Percent	
B-4137	08/13/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4137	08/13/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Chloroform	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Moisture by weight		16	Percent	
B-4137	08/13/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Moisture by weight		15.6	Percent	
B-4137	08/13/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	140	Trichloroethene	<	0.005	mg/kg	E
B-4137	08/13/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	Tritium	<	0.2	pCi/g	
B-4137	08/13/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4137	08/13/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/14/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Moisture by weight		19.7	Percent	
B-4138	08/14/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Moisture by weight		13.7	Percent	
B-4138	08/14/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	1,2-Dichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/14/25	DUP	20	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Chloroform	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Moisture by weight		14.4	Percent	
B-4138	08/14/25	DUP	20	Tetrachloroethene	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Trichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	DUP	20	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	DUP	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Moisture by weight		17.5	Percent	
B-4138	08/14/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Trichloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/14/25	BUS	40	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Chloroform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Moisture by weight		13.6	Percent	
B-4138	08/14/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Trichloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Moisture by weight		10.9	Percent	
B-4138	08/14/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Trichloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	Bromoform	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/14/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	Chloroform	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	Moisture by weight		9.91	Percent	
B-4138	08/14/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	Chloroform	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	Moisture by weight		12.7	Percent	
B-4138	08/14/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	70	Trichloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/14/25	BUS	80	Chloroform	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	Moisture by weight		15.1	Percent	
B-4138	08/14/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	80	Trichloroethene		0.0133	mg/kg	
B-4138	08/14/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	EJ
B-4138	08/14/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	Chloroform		0.00518	mg/kg	
B-4138	08/14/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	Moisture by weight		16.3	Percent	
B-4138	08/14/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	90	Trichloroethene		0.0531	mg/kg	
B-4138	08/14/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	Tritium		0.488	pCi/g	
B-4138	08/14/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	EJ
B-4138	08/14/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Chloroform	<	0.005	mg/kg	E

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/14/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Moisture by weight		14.6	Percent	
B-4138	08/14/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BUS	100	Trichloroethene		0.0429	mg/kg	
B-4138	08/14/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	Tritium		0.615	pCi/g	
B-4138	08/14/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	EJ
B-4138	08/14/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4138	08/14/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Moisture by weight		16	Percent	
B-4138	08/14/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4138	08/14/25	BSS	110	Trichloroethene		0.0168	mg/kg	
B-4138	08/14/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4138	08/14/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/14/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4138	08/18/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	ELO
B-4138	08/18/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Bromoform	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Chloroform	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	LO

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/18/25	BSS	120	Moisture by weight		17.9	Percent	LO
B-4138	08/18/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Trichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	Tritium	<	0.2	pCi/g	LO
B-4138	08/18/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	O
B-4138	08/18/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	1,1-Dichloroethene	<	0.005	mg/kg	ELO
B-4138	08/18/25	DUP	120	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Bromodichloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Bromoform	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Chloroform	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Dibromochloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Moisture by weight		20.2	Percent	LO
B-4138	08/18/25	DUP	120	Tetrachloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Trichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	Tritium	<	0.2	pCi/g	LO
B-4138	08/18/25	DUP	120	Vinyl chloride	<	0.005	mg/kg	O
B-4138	08/18/25	DUP	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	DUP	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Bromoform	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Chloroform	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Moisture by weight		16.3	Percent	LO

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4138	08/18/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Trichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	Tritium	<	0.2	pCi/g	LO
B-4138	08/18/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	O
B-4138	08/18/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Bromodichloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Bromoform	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Chloroform	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Dibromochloromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Tetrachloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Trichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	Vinyl chloride	<	0.005	mg/kg	O
B-4138	08/18/25	BSS	141	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4138	08/18/25	BSS	141	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Bromoform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Chloroform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Moisture by weight		17	Percent	LO
B-4139	08/18/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Trichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	LO

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/18/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	Tritium		1.07	pCi/g	LO
B-4139	08/18/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	O
B-4139	08/18/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Bromoform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Chloroform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Moisture by weight		13.4	Percent	LO
B-4139	08/18/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Trichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	Tritium		0.493	pCi/g	LO
B-4139	08/18/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	O
B-4139	08/18/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Bromoform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Chloroform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Moisture by weight		12.4	Percent	LO
B-4139	08/18/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Trichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	LO

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/18/25	BUS	30	Tritium		0.201	pCi/g	LO
B-4139	08/18/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	O
B-4139	08/18/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Bromodichloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Bromoform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Chloroform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Dibromochloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Moisture by weight		14.5	Percent	LO
B-4139	08/18/25	BUS	40	Tetrachloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Trichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	Tritium	<	0.2	pCi/g	LO
B-4139	08/18/25	BUS	40	Vinyl chloride	<	0.005	mg/kg	O
B-4139	08/18/25	BUS	40	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	40	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Bromoform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Chloroform	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Moisture by weight		4.6	Percent	LO
B-4139	08/18/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Trichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	Tritium	<	0.2	pCi/g	LO

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/18/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	O
B-4139	08/18/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/18/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	LO
B-4139	08/19/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Moisture by weight		5.6	Percent	
B-4139	08/19/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	60	Trichloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	Chloroform		0.00782	mg/kg	
B-4139	08/19/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	Moisture by weight		7.81	Percent	
B-4139	08/19/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	70	Trichloroethene		0.0216	mg/kg	
B-4139	08/19/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/19/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	Chloroform		0.00815	mg/kg	
B-4139	08/19/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	Moisture by weight		15.1	Percent	
B-4139	08/19/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	80	Trichloroethene		0.0572	mg/kg	
B-4139	08/19/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1-Dichloroethene		0.00524	mg/kg	
B-4139	08/19/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Moisture by weight		18.1	Percent	
B-4139	08/19/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	90	Trichloroethene		0.0628	mg/kg	
B-4139	08/19/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/19/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	1,1-Dichloroethene		0.00618	mg/kg	
B-4139	08/19/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Moisture by weight		15.7	Percent	
B-4139	08/19/25	BUS	90	Tetrachloroethene		0.00741	mg/kg	
B-4139	08/19/25	BUS	90	Trichloroethene		0.0585	mg/kg	
B-4139	08/19/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	1,1-Dichloroethene		0.00531	mg/kg	
B-4139	08/19/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	100	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	Moisture by weight		14.6	Percent	
B-4139	08/19/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BUS	100	Trichloroethene		0.0288	mg/kg	
B-4139	08/19/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/19/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Moisture by weight		14.2	Percent	
B-4139	08/19/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	110	Trichloroethene		0.0158	mg/kg	
B-4139	08/19/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	Chloroform		0.00921	mg/kg	
B-4139	08/19/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	Moisture by weight		11.6	Percent	
B-4139	08/19/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	120	Trichloroethene		0.0197	mg/kg	
B-4139	08/19/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4139	08/19/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	1,1-Dichloroethene		0.00519	mg/kg	
B-4139	08/19/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	130	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	Moisture by weight		16.9	Percent	
B-4139	08/19/25	BSS	130	Tetrachloroethene		0.00994	mg/kg	
B-4139	08/19/25	BSS	130	Trichloroethene		0.154	mg/kg	D
B-4139	08/19/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4139	08/19/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	Chloroform	<	0.005	mg/kg	E
B-4139	08/19/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	Tetrachloroethene		0.00544	mg/kg	
B-4139	08/19/25	BSS	140	Trichloroethene		0.0673	mg/kg	
B-4139	08/19/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4139	08/19/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4140	07/29/25	BUS	15	Moisture by weight		10.6	Percent	
B-4140	07/29/25	BUS	15	Tritium		7.1	pCi/g	
B-4140	07/29/25	BUS	25	Moisture by weight		10.3	Percent	
B-4140	07/29/25	BUS	25	Tritium		10.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4140	07/29/25	BUS	35	Moisture by weight		9.76	Percent	
B-4140	07/29/25	BUS	35	Tritium		27.2	pCi/g	
B-4140	07/29/25	BUS	45	Moisture by weight		13.5	Percent	
B-4140	07/29/25	BUS	45	Tritium		66.5	pCi/g	
B-4140	07/29/25	BUS	55	Moisture by weight		4.82	Percent	
B-4140	07/29/25	BUS	55	Tritium		43.9	pCi/g	
B-4140	07/29/25	BUS	65	Moisture by weight		9.48	Percent	
B-4140	07/29/25	BUS	65	Tritium		102	pCi/g	
B-4140	07/29/25	BUS	75	Moisture by weight		15.4	Percent	
B-4140	07/29/25	BUS	75	Tritium		83.2	pCi/g	
B-4140	07/29/25	BUS	85	Moisture by weight		7.63	Percent	
B-4140	07/29/25	BUS	85	Tritium		33.9	pCi/g	
B-4141	07/30/25	BUS	15	Moisture by weight		7.45	Percent	
B-4141	07/30/25	BUS	15	Tritium		9.02	pCi/g	
B-4141	07/30/25	BUS	25	Moisture by weight		11.1	Percent	
B-4141	07/30/25	BUS	25	Tritium		29.5	pCi/g	
B-4141	07/30/25	BUS	35	Moisture by weight		13.4	Percent	
B-4141	07/30/25	BUS	35	Tritium		102	pCi/g	
B-4141	07/30/25	BUS	45	Moisture by weight		12.4	Percent	
B-4141	07/30/25	BUS	45	Tritium		215	pCi/g	
B-4141	07/30/25	BUS	55	Moisture by weight		12.6	Percent	
B-4141	07/30/25	BUS	55	Tritium		427	pCi/g	
B-4141	07/30/25	BUS	65	Moisture by weight		12.5	Percent	
B-4141	07/30/25	BUS	65	Tritium		556	pCi/g	
B-4141	07/30/25	BUS	75	Moisture by weight		14.2	Percent	
B-4141	07/30/25	BUS	75	Tritium		361	pCi/g	
B-4141	07/30/25	BUS	85	Moisture by weight		12.6	Percent	
B-4141	07/30/25	BUS	85	Tritium		46.6	pCi/g	
B-4143	08/11/25	BUS	10	Moisture by weight		10.3	Percent	
B-4143	08/11/25	BUS	10	Tritium		3.71	pCi/g	
B-4143	08/11/25	BUS	20	Moisture by weight		14.9	Percent	
B-4143	08/11/25	BUS	20	Tritium		14.6	pCi/g	
B-4143	08/11/25	BUS	30	Moisture by weight		14.7	Percent	
B-4143	08/11/25	BUS	30	Tritium		0.618	pCi/g	
B-4143	08/11/25	BUS	40	Moisture by weight		12.8	Percent	
B-4143	08/11/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4143	08/11/25	BUS	50	Moisture by weight		13.4	Percent	
B-4143	08/11/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4143	08/11/25	BUS	60	Moisture by weight		10.1	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4143	08/11/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4143	08/11/25	BUS	70	Moisture by weight		13.4	Percent	
B-4143	08/11/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4143	08/11/25	BUS	80	Moisture by weight		13.3	Percent	
B-4143	08/11/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4145	08/21/25	BUS	10	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Bromoform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Chloroform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Moisture by weight		4.85	Percent	
B-4145	08/21/25	BUS	10	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Trichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4145	08/21/25	BUS	10	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	10	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Bromoform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Chloroform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Moisture by weight		12.9	Percent	
B-4145	08/21/25	BUS	20	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Trichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	Trichlorotrifluoroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/21/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4145	08/21/25	BUS	20	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	20	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Bromoform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Chloroform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Moisture by weight		8.16	Percent	
B-4145	08/21/25	BUS	30	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Trichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4145	08/21/25	BUS	30	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	30	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Bromoform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Chloroform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Moisture by weight		7.4	Percent	
B-4145	08/21/25	BUS	41	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Trichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	Tritium	<	0.2	pCi/g	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/21/25	BUS	41	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	41	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Bromoform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Chloroform	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Moisture by weight		4.94	Percent	
B-4145	08/21/25	BUS	50	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Trichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4145	08/21/25	BUS	50	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	BUS	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Bromoform	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Chloroform	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Moisture by weight		6.3	Percent	
B-4145	08/21/25	DUP	50	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Trichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	Tritium	<	0.2	pCi/g	
B-4145	08/21/25	DUP	50	Vinyl chloride	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/21/25	DUP	50	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/21/25	DUP	50	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	60	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	60	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	60	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	Chloroform	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	60	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	60	Moisture by weight		8.16	Percent	
B-4145	08/25/25	BUS	60	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	Trichloroethene	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	60	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	Trichlorotrifluoroethane	<	0.00585	mg/kg	
B-4145	08/25/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BUS	60	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	60	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	70	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	70	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	70	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	Chloroform	<	0.005	mg/kg	EL
B-4145	08/25/25	BUS	70	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	70	Moisture by weight		12.9	Percent	
B-4145	08/25/25	BUS	70	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BUS	70	Trichloroethene	<	0.005	mg/kg	EL
B-4145	08/25/25	BUS	70	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BUS	70	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	70	cis-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/25/25	BUS	70	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	80	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	80	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	80	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	Chloroform	<	0.005	mg/kg	EL
B-4145	08/25/25	BUS	80	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	80	Moisture by weight		12.6	Percent	
B-4145	08/25/25	BUS	80	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BUS	80	Trichloroethene		0.017	mg/kg	L
B-4145	08/25/25	BUS	80	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BUS	80	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	80	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	1,1,2-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BUS	90	1,2-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Bromodichloromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Chloroform	<	0.005	mg/kg	E
B-4145	08/25/25	BUS	90	Dibromochloromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Moisture by weight		17.7	Percent	
B-4145	08/25/25	BUS	90	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BUS	90	Trichloroethene		0.017	mg/kg	
B-4145	08/25/25	BUS	90	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BUS	90	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	90	trans-1,2-Dichloroethene	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/25/25	BUS	100	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	100	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	1,1-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	100	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	100	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	Chloroform	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	100	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BUS	100	Moisture by weight		16.4	Percent	
B-4145	08/25/25	BUS	100	Tetrachloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	Trichloroethene	<	0.005	mg/kg	EL
B-4145	08/25/25	BUS	100	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	Trichlorotrifluoroethane	<	0.00501	mg/kg	
B-4145	08/25/25	BUS	100	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BUS	100	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BUS	100	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	110	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	110	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	110	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	110	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	Chloroform	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	110	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	110	Moisture by weight		15.7	Percent	
B-4145	08/25/25	BSS	110	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	110	Trichloroethene		0.0123	mg/kg	L
B-4145	08/25/25	BSS	110	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BSS	110	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	110	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	1,1,1-Trichloroethane	<	0.005	mg/kg	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/25/25	BSS	120	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	120	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	120	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	120	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	120	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	Chloroform	<	0.005	mg/kg	EL
B-4145	08/25/25	BSS	120	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	120	Moisture by weight		16.5	Percent	
B-4145	08/25/25	BSS	120	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	120	Trichloroethene		0.0102	mg/kg	L
B-4145	08/25/25	BSS	120	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BSS	120	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	120	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	1,1,2-Trichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	130	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	130	1,2-Dichloroethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	130	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	130	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	Chloroform	<	0.005	mg/kg	EL
B-4145	08/25/25	BSS	130	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	130	Moisture by weight		12.7	Percent	
B-4145	08/25/25	BSS	130	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	130	Trichloroethene		0.00928	mg/kg	L
B-4145	08/25/25	BSS	130	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	Tritium	<	0.2	pCi/g	
B-4145	08/25/25	BSS	130	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	130	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	1,1,1-Trichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	1,1,2-Trichloroethane	<	0.005	mg/kg	L

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4145	08/25/25	BSS	140	1,1-Dichloroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	1,1-Dichloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	140	1,2-Dichloroethane	<	0.005	mg/kg	EL
B-4145	08/25/25	BSS	140	Bromodichloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	140	Bromoform	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	Carbon tetrachloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	Chloroform	<	0.005	mg/kg	EL
B-4145	08/25/25	BSS	140	Dibromochloromethane	<	0.005	mg/kg	L
B-4145	08/25/25	BSS	140	Moisture by weight		14.1	Percent	
B-4145	08/25/25	BSS	140	Tetrachloroethene	<	0.005	mg/kg	E
B-4145	08/25/25	BSS	140	Trichloroethene		0.0369	mg/kg	L
B-4145	08/25/25	BSS	140	Trichlorofluoromethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	Trichlorotrifluoroethane	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	Vinyl chloride	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	cis-1,2-Dichloroethene	<	0.005	mg/kg	
B-4145	08/25/25	BSS	140	trans-1,2-Dichloroethene	<	0.005	mg/kg	
B-4150	07/31/25	BUS	10	Moisture by weight		3.85	Percent	
B-4150	07/31/25	BUS	10	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	20	Moisture by weight		13.7	Percent	
B-4150	07/31/25	BUS	20	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	30	Moisture by weight		20.3	Percent	
B-4150	07/31/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	40	Moisture by weight		11.5	Percent	
B-4150	07/31/25	BUS	40	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	50	Moisture by weight		6.4	Percent	
B-4150	07/31/25	BUS	50	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	60	Moisture by weight		8.87	Percent	
B-4150	07/31/25	BUS	60	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	70	Moisture by weight		11.5	Percent	
B-4150	07/31/25	BUS	70	Tritium	<	0.2	pCi/g	
B-4150	07/31/25	BUS	80	Moisture by weight		14.8	Percent	
B-4150	07/31/25	BUS	80	Tritium	<	0.2	pCi/g	
B-4154	08/12/25	BUS	11	Moisture by weight		15.1	Percent	
B-4154	08/12/25	BUS	11	Tritium		0.796	pCi/g	
B-4154	08/12/25	BUS	20	Moisture by weight		10	Percent	
B-4154	08/12/25	BUS	20	Tritium		0.849	pCi/g	
B-4154	08/12/25	BUS	30	Moisture by weight		7.74	Percent	
B-4154	08/12/25	BUS	30	Tritium	<	0.2	pCi/g	
B-4154	08/12/25	BUS	40	Moisture by weight		11.9	Percent	

Table 2-5. Soil analytical data for samples collected at the Livermore Site in 2025.

Boring	Date	Sample type	Depth (ft-bgs)	Parameter	LOS indicator	Result	Units	QA flag
B-4154	08/12/25	BUS	40	Tritium		0.419	pCi/g	
B-4154	08/12/25	BUS	50	Moisture by weight		12.3	Percent	
B-4154	08/12/25	BUS	50	Tritium		0.217	pCi/g	
B-4154	08/12/25	BUS	60	Moisture by weight		12.4	Percent	
B-4154	08/12/25	BUS	60	Tritium		0.425	pCi/g	
B-4154	08/13/25	BUS	71	Moisture by weight		10.3	Percent	
B-4154	08/13/25	BUS	71	Tritium		0.843	pCi/g	
B-4154	08/13/25	BUS	80	Moisture by weight		9.04	Percent	
B-4154	08/13/25	BUS	80	Tritium		0.582	pCi/g	
B-4155	08/14/25	BUS	10	Moisture by weight		8.26	Percent	
B-4155	08/14/25	BUS	10	Tritium		5.93	pCi/g	
B-4155	08/14/25	BUS	20	Moisture by weight		12.1	Percent	
B-4155	08/14/25	BUS	20	Tritium		2.18	pCi/g	
B-4155	08/14/25	BUS	30	Moisture by weight		14.5	Percent	
B-4155	08/14/25	BUS	30	Tritium		0.765	pCi/g	
B-4155	08/14/25	BUS	40	Moisture by weight		11.8	Percent	
B-4155	08/14/25	BUS	40	Tritium		0.451	pCi/g	
B-4155	08/14/25	BUS	50	Moisture by weight		13.6	Percent	
B-4155	08/14/25	BUS	50	Tritium		< 0.2	pCi/g	
B-4155	08/14/25	BUS	60	Moisture by weight		5.11	Percent	
B-4155	08/14/25	BUS	60	Tritium		< 0.2	pCi/g	
B-4155	08/14/25	BUS	70	Moisture by weight		12.2	Percent	
B-4155	08/14/25	BUS	70	Tritium		< 0.2	pCi/g	
B-4155	08/18/25	BUS	81.5	Moisture by weight		13.1	Percent	
B-4155	08/18/25	BUS	81.5	Tritium		< 0.2	pCi/g	

Notes:

mg/kg = miligrams per kilogram; pCi/g = picocuries per gram; percent = percent moisture by weight; BUS = borehole unsaturated; BSS = borehole saturated; DUP = duplicate sample; LOS = limit of sensitivity; QA = quality assurance.

< Indicates the measured value is less than the reporting limit.

Data qualifier flags

B = Analyte found in method blank; sample results have been evaluated.

D = Analysis performed at a secondary dilution or concentration.

E = The analyte was detected below the LLNL reporting limit, but above, or equal to, the analytical laboratory minimum detection limit or activity.

F = Analyte found in field blank, trip blank, or equipment blank; sample results have been evaluated.

H = Sample analyzed outside of holding time; sample results have been evaluated.

I = Surrogate or tracer yield recoveries were outside of quality control limits; sample results have been evaluated.

J = The analyte was positively identified; however, the associated numerical value is the approximate concentration or activity of the analyte in the sample.

L = Matrix spike recoveries not within control limits.

O = Matrix spike duplicate relative percent difference (RPD), sample duplicate RPD, or relative error ratio (RER) not within control limits.

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