

REPORT ON AIR MONITORING, AREA IV, FOURTH QUARTER AND ANNUAL SUMMARY 2025

**Santa Susana Field Laboratory
Ventura County, California**



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Report on Air Monitoring, Area IV, Fourth Quarter and Annual Summary 2025

**Santa Susana Field Laboratory
Ventura County, California**

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EXECUTIVE SUMMARY

This report summarizes the United States Department of Energy (DOE) air monitoring activities conducted during the fourth quarter of 2025 (Q4/2025) of the air monitoring period (October 1, 2025, to December 31, 2025) at Area IV within the Santa Susana Field Laboratory (SSFL), located in Ventura County, California. The report also provides an annual summary for the eighth year of the air monitoring period (Q28 through Q31, January 1, 2025, through December 31, 2025). The area specifically discussed within this report is the DOE portion, Area IV of SSFL, known as the Energy Technology Engineering Center (ETEC). The program is continuing for a ninth year, which consists of 2026 reporting periods Q1/2026 through Q4/2026.

This report has been developed by North Wind Portage, Inc., on behalf of DOE in cooperation with The Boeing Company (Boeing) and the National Aeronautics and Space Administration (NASA), as part of the Air Monitoring Program.

In accordance with the *Final Baseline Air Monitoring Work Plan, Santa Susana Field Laboratory, Ventura County, California* (NASA 2017), the responsible parties are monitoring for particulate matter between 2.5 and 10 microns in aerodynamic diameter (PM₁₀), volatile organic compounds (VOCs), and radionuclides at air monitoring stations DOE-1, DOE-2, DOE-3, and DOE-4 encompassing the ETEC, Area IV portion of the SSFL. Having developed the baseline levels for PM₁₀, VOCs, and radionuclides helps distinguish between levels that naturally occur or were previously present at the ETEC site, and if onsite remediation activities produce elevated results. Year 8 observations show a very similar trend when compared to data collected during Years 1 through 7. These stable data trends indicate that site activities are not having an effect on site air conditions. High heat, wind, fires, and holidays (i.e., Independence Day) all show consistent impacts to the air report readings. Air monitoring will be continued throughout remediation activities to be able to compare results from onsite remediation activities to baseline data in the Annual Air Monitoring Reports. The following air monitoring activities conducted during Q1/2025 through Q4/2025 by DOE within Area IV are summarized in this report:

- Collected meteorological data from one location (DOE-4);
- Collected PM₁₀ data from four locations (DOE-1 through DOE-4);
- Collected air samples from four locations (DOE-1 through DOE-4) for VOC laboratory analysis; and
- Collected radionuclide samples for laboratory analysis from four locations (DOE-1 through DOE-4).

Meteorological data and radionuclide data all met the data completeness goal of 80%, VOC data met the completeness goal of 85%, and PM₁₀ data met the 80% goal for Q4/2025. Since the start of the project, over the entire 31 quarters, the PM₁₀ operational time has been 93%. The air monitoring is to be continued beginning January 1, 2026, with the thirty-second quarter (Year 9) of air monitoring.

The following site activities were conducted during Q4/2025 by DOE within Area IV:

- Quarterly site-wide groundwater level monitoring,
- CDM Smith conducted groundwater sampling activities at the Former Sodium Disposal Facility as part of groundwater interim measures, and
- Surveillance and maintenance.

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CONTENTS

EXECUTIVE SUMMARY	iii
1. INTRODUCTION	1-1
1.1 Regional Climate and Wind Direction	1-2
2. SUMMARY	2-3
3. ANALYTICAL SAMPLING EVENTS	3-1
4. DATA	4-1
4.1 Meteorological Data	4-1
4.2 PM ₁₀ Data	4-3
4.3 Volatile Organic Compound Data	4-9
4.4 Radionuclide Data	4-12
5. QA/QC ACTIVITIES	5-1
5.1 Field QA/QC	5-1
5.2 Laboratory QA/QC	5-5
5.3 Audit Results	5-6
6. CONCLUSION	6-1
7. REFERENCES	7-1

Graphs

Graph 1. Year 8 trend data, Q1/2025–Q4/2025, for PM ₁₀ at monitor DOE-1.	4-7
Graph 2. Year 8 trend data, Q1/2025–Q4/2025, for PM ₁₀ at monitor DOE-2.	4-7
Graph 3. Year 8 trend data, Q1/2025–Q4/2025, for PM ₁₀ at monitor DOE-3.	4-7
Graph 4. Year 8 trend data, Q1/2025–Q4/2025, for PM ₁₀ at monitor DOE-4.	4-8
Graph 5. Years 1–8 trend data, 2018–2025, for PM ₁₀ at monitor DOE-1.	4-8
Graph 6. Years 1–8 trend data, 2018–2025, for PM ₁₀ at monitor DOE-2.	4-8
Graph 7. Years 1–8 trend data, 2018–2025, for PM ₁₀ at monitor DOE-3.	4-9
Graph 8. Years 1–8 trend data, 2018–2025, for PM ₁₀ at monitor DOE-4.	4-9
Graph 9. Gross alpha results for Years 1–8	4-14

Graph 10. Gross beta results for Years 1– 8.	4-14
Graph 11. Years 1–8 gross alpha worst-case emitter chart.	4-15

FIGURES

Figure 1 – SSFL Air Monitoring Locations
Figure 2 – DOE Air Monitoring Locations
Figure 3 – DOE Quarterly Wind Rose
Figure 4 – DOE Annual Wind Rose

TABLES

Table 1. Data screening quality control codes for meteorological data.	4-2
Table 2. Data screening summary for monitored meteorological parameters.	4-4
Table 3. PM ₁₀ data completeness for October 1, 2025 – December 31, 2025.	4-5
Table 4. PM ₁₀ data completeness for Year 8, January 1, 2025 – December 31, 2025.	4-6
Table 5. Top five PM ₁₀ 24-hour average concentration days for October 1, 2025 – December 31, 2025.	4-6
Table 6. Top five PM ₁₀ 24-hour average concentration days for January 1, 2025 – December 31, 2025.	4-6
Table 7. Ambient air VOC data completeness for Q4/2025.	4-10
Table 8. Ambient air VOC data completeness for Q1/2025–Q4/2025.	4-10
Table 9. Gross alpha and beta-gamma average results for Q4/2025.	4-13
Table 10. Comparison of air sample results with DAC.	4-16
Table 11. Meteorological sensor recommended maintenance frequency (Met One).	5-5
Table 12. PM ₁₀ audit completeness.	5-6
Table B-1. Ambient air VOC detection results compared to RSLs for Q4/2025.	B-3
Table B-2. Year 8 ambient air VOC detection results compared to RSLs.	B-14
Table C-1. Gross alpha and gross beta air sample results for air samplers, Q4/2025.	C-3
Table C-2. Gross alpha and gross beta air sample results for air samplers, Q1/2025–Q4/2025.	C-6
Table C-3. Individual radionuclide analysis for composite filter samples, Q4/2025.	C-18
Table C-4. Individual radionuclide analysis for composite filter samples, Q1/2025–Q4/2025.	C-21

APPENDICES

Appendix A – PM₁₀ Daily Averages and Monthly Statistics

Appendix B – Analytical Results for Ambient Air VOCs

Appendix C – Radiological Results

Appendix D – PM₁₀ Monthly Audit Reports and Flow Verification Results

Appendix E – Select TO-15 VOC Time vs Concentration Plots, Q1/2025 through Q4/2025

Appendix F – VOC Analytical Data Packages, Q1/2025 through Q4/2025

Appendix G – Radiological Analytical Data Packages, Q1/2025 through Q4/2025

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ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
°F	degrees Fahrenheit
μCi	microcurie(s)
μg/m ³	microgram(s) per cubic meter
Boeing	The Boeing Company
CAAQS	California Ambient Air Quality Standards
CFR	Code of Federal Regulations
Cs-137	cesium-137
DAC	derived air concentration
DASC	Data Assessment Statistical Calculator
DOE	U.S. Department of Energy
DTSC	State of California Department of Toxic Substances Control
E-BAM	Environmental Beta Attenuation Mass Monitor
EPA	U.S. Environmental Protection Agency
ETEC	Energy Technology Engineering Center
FSDF	Former Sodium Disposal Facility
GC	gas chromatography
Hg	mercury
HHRA	Human Health Risk Assessment
m	meter(s)
m/sec	meter(s) per second
mb	millibar(s)
MDC	minimum detectable concentration
MDL	method detection limit
mL	milliliter(s)

mph	miles per hour
MRL	method reporting limit
MS	mass spectrometry
NAAQS	National Ambient Air Quality Standards
NASA	National Aeronautics and Space Administration
NIST	National Institute of Standards and Technology
pCi	picocurie(s)
PM ₁₀	particulate matter less than 10 microns in aerodynamic diameter
Pu-239	plutonium-239
Q31	thirty-first quarter
QA	quality assurance
QC	quality control
Ra-226	radium-226
Ra-228	radium-228
RAWS	Remote Automatic Weather Stations
RMHF	Radioactive Materials Handling Facility
RPD	relative percent difference
RSL	regional screening level
SDG	sample delivery group
SLAMS	State and Local Air Monitoring Stations
Sr-90	strontium-90
SSFL	Santa Susana Field Laboratory
VOC	volatile organic compound

1. INTRODUCTION

The National Aeronautics and Space Administration (NASA), The Boeing Company (Boeing), and the U.S. Department of Energy (DOE), also known as the responsible parties, are performing air monitoring at the Santa Susana Field Laboratory (SSFL) site located in Ventura County, California. The SSFL, which was a business segment of Boeing, includes 2,849 acres located atop a range of hills between the Simi and San Fernando valleys north of Los Angeles. The westernmost 290 acres of the SSFL, known as Area IV, contains both DOE and Boeing former facilities. The DOE portion is mainly contained within the 90 acres known as the Energy Technology Engineering Center (ETEC).

When opened in the late 1950s, ETEC was ideally remote from population centers to enable development of security-sensitive projects. These projects supported research for DOE and its predecessor agencies for nuclear research and energy development. Area IV includes buildings that housed a test apparatus for large-scale heat transfer and fluid mechanics experiments, mechanical and chemical test facilities, office buildings, and auxiliary facilities.

Air monitoring is being conducted in accordance with the *Final Baseline Air Monitoring Work Plan, Santa Susana Field Laboratory, Ventura County, California* (NASA 2017), which was submitted to the State of California Department of Toxic Substances Control (DTSC) on September 21, 2017. DTSC approved the Work Plan. Final locations of the air monitoring locations were approved by DTSC on January 30, 2018 (DTSC 2018).

The objective of the Air Monitoring Program is to evaluate project conditions and provide a basis for determining the magnitude of deviation from those baseline conditions resulting from onsite remediation activities (project) at SSFL. Responsible parties are monitoring for particulate matter between 2.5 and 10 microns in aerodynamic diameter (PM₁₀) and volatile organic compounds (VOCs) at 14 locations at SSFL. Data were collected from four perimeter samplers (DOE-1 through DOE-4) and analyzed for gross alpha and gross beta radioactivity. Individual radionuclide concentrations were determined by analysis at an offsite laboratory for these same four locations. Meteorological data are also collected as a part of the Air Monitoring Program.

Figure 1 shows the air monitoring locations for the Air Monitoring Program. These locations were selected based on the areas to be remediated, with consideration of winds in the area, topographic features, and accessibility. The air monitoring sites were selected based on guidance obtained from the U.S. Environmental Protection Agency's (EPA's) *Quality Assurance Handbook for Air Pollution Measurement Systems, Volume II, Ambient Air Monitoring Program* (EPA 2017) and *Meteorological Monitoring Guidance for Regulatory Modeling Applications* (EPA 2000). Sites were evaluated per 40 Code of Federal Regulations (CFR) 58, Appendix C, "Ambient Air Quality Monitoring Methodology." DOE is responsible for DOE-1, DOE-2, DOE-3, and DOE-4 of the 14 monitoring locations, as represented in Figure 1. VOCs, PM₁₀, and radionuclides are monitored at the four DOE monitoring locations, and meteorological conditions are monitored at the DOE-4 location. The DOE monitoring locations DOE-1 through DOE-4 are shown in Figure 2.

This report summarizes the quarterly results for the fourth quarter of 2025 (Q4/2025) and the quality assurance (QA) activities performed at the DOE locations between October 1, 2025, and December 31, 2025. The report also provides an annual summary for the eighth year of the air monitoring period (Q1/2025 through Q4/2025, January 1, 2025, through December 31, 2025). The air monitoring is to be continued beginning January 1, 2026, with the ninth year (beginning with Q1/2026) of the Air Monitoring Program.

1.1 Regional Climate and Wind Direction

The climate in the SSFL area is characterized as “Mediterranean.” The mean temperature during the winter months is approximately 50 degrees Fahrenheit (°F), and the mean temperature in the summer months is approximately 70°F. Based on climate data from 2023 through 2025 from Weather Currents, the average 12-month total rainfall is on the order of 21.16 inches. The majority of the rainfall occurs between December and April, with January and February being the wettest months. During Q4/2025, the Simi Valley received approximately 27.07 inches of rainfall.

The average hourly wind speed in Simi Valley varies significantly by season. The more turbulent part of the year lasts for 6 months, from November to April; the calmer time of year lasts for 6 months, with northerly winds from May to October.

During the fall, winter, and spring, Santa Ana winds can blow from the north or northeast in excess of 35 mph.

2. SUMMARY

This report summarizes the air monitoring data collected during the Q4/2025 reporting period. The report also provides an annual summary for the eighth year of the air monitoring period (Q1/2025 through Q4/2025, January 1, 2025, through December 31, 2025). Quality objectives and data completeness were met for all meteorological, PM₁₀, VOC, and radionuclide data for Q4/2025 of the Air Monitoring Program.

Urban background data compared with air monitoring data indicate that the PM₁₀ concentrations measured at stations DOE-1, DOE-2, DOE-3, and DOE-4 during Q1/2025 through Q4/2025 are comparable to the PM₁₀ concentrations measured at stations characterizing urban background. Concentrations of VOCs characteristic of motor vehicle emissions, fossil fuel combustion, and wildfires are comparable around SSFL compared with the urban background, reflecting the site's relatively remote location from vehicle traffic. No PM₁₀ concentrations exceeded the California Ambient Air Quality Standard (CAAQS; 50 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]) or the National Ambient Air Quality Standard (NAAQS; 150 $\mu\text{g}/\text{m}^3$) during Q4/2025. Graphs 5 through 8 in Section 4.2 show that the PM₁₀ data for Year 8 are consistent with the baseline data from Years 1 through 7.

During Q4/2025, seven VOC analytes (acrolein, acrylonitrile, benzene, carbon tetrachloride, chloroform, methylene chloride, and vinyl chloride) were detected above the EPA regional screening level (RSL) or the July 2025 State of California Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note 3 Screening Levels (DTSC 2025). By using the results from the baseline Air Monitoring Program, along with other site characterization information, analytes were selected for routine air monitoring during soil disturbances. Establishing sources for specific contaminants or performing source apportionment was not a requirement for identifying remedial air quality impacts, nor was it within the scope or data quality objectives of the Air Monitoring Program.

During the remainder of Year 8 (Q1/2025, Q2/2025, and Q3/2025), there were seven individual VOC analytes detected above either the DTSC 2025 or the EPA RSLs. During Q1/2025, there were five VOC analytes (acrolein, acrylonitrile, benzene, ethyl acetate, and naphthalene) detected above the DTSC 2025 or the EPA RSLs. During Q2/2025, there were five VOC analytes (acrylonitrile, benzene, chloroform, ethyl acetate, and tetrachloroethene) detected above the DTSC 2025 or the EPA RSLs. During Q3/2025, there were four VOC analytes (acrolein, acrylonitrile, benzene, and ethyl acetate) detected above the DTSC 2025 or the EPA RSLs. VOC data analyzed during Year 8 are consistent with the baseline data from Years 1 through 7. The distribution of the VOC data cannot be explained by the extensive site database.

During Q1/2025 through Q4/2025, detections for gross alpha and gross beta radioactivity that exceeded the minimum detectable concentration (MDC) are all naturally occurring radionuclides or global fallout. The naturally occurring radionuclides were much higher than the artificial radionuclides. Detections are expected because the results are calculated at a 95% confidence level. Gross alpha, gross beta, and radionuclide data analyzed during Year 8 are consistent with the baseline data from Years 1 through 7. All radiological data reported for the air filter samples are naturally occurring or normally present in the environment.

Data collected during Q1/2025 through Q4/2025 agree with data collected, analyzed, and reported by the State of California DTSC, Los Angeles County Emergency Response Organization, DOE Emergency Response organization, or other Multi-Agency Task Forces. Air monitoring at Area IV of the SSFL is to be continued for 2026 starting January 1, 2026, with the ninth year of the Air Monitoring Program.

Site activities conducted during Q4/2025 included surveillance and maintenance, and groundwater sampling activities conducted by CDM Smith at the Former Sodium Disposal Facility (FSDF) as part of the groundwater interim measures. Routine activities performed onsite during the period also included general site maintenance; operations of the meteorological stations; the FSDF groundwater interim measure, which started November 2017; and groundwater sampling. When comparing Q4/2025 and the rest of the Year 8 data to Years 1 through 7 data, the PM₁₀, VOC, and radiological data collected are consistent.

3. ANALYTICAL SAMPLING EVENTS

VOCs are collected according to the EPA Toxic Compendium Method TO-15, *Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)* (EPA 1999). Twenty-four-hour time-integrated samples are collected into Summa canisters via a flow controller and sent to an offsite laboratory for analysis. VOCs are collected every other week. There were six VOC sampling events in this reporting period. One field duplicate sample was collected during each sampling event.

During Q4/2025, radionuclide samples were collected at four perimeter sampling locations (DOE-1 through DOE-4). These samples were collected on glass fiber (Type A/E) filters that are changed twice a week. After a minimum 120-hour holding time to allow the decay of short-lived radon-220 and radon-222 daughter products, the samples are simultaneously counted for gross alpha and beta activity with a low-background, thin-window, gas-flow proportional-counting system continually purged with P-10 argon/methane counting gas over a preset time interval. There were 104 airborne radioactivity filter samples collected in Q4/2025 — 26 each with DOE-1, DOE-2, DOE-3, and DOE-4. Following analysis for gross alpha and gross beta radiation, sample filters from each of the locations were combined to form one composite sample representative of each location. The four composite samples were then analyzed for individual radionuclides at an offsite laboratory.

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4. DATA

Sections 4.1 through 4.4 discuss Q4/2025 air monitoring data.

4.1 Meteorological Data

4.1.1 General Summary

Meteorological data, also called weather data, are being collected as part of the ETEC cleanup and restoration effort. This information, particularly the wind direction and wind speed, can be used to help understand how dust and other air pollutants from the site are carried by the wind and possibly affect nearby public and residential areas. This is especially important when the Environmental Beta Attenuation Mass Monitor (E-BAM) particulate monitors at the site detect higher-than-normal amounts of dust in the air. Scientific computer models can be used with this weather data and particulate monitoring data to describe the air quality for the people and communities living near the ETEC site. However, before the weather data can be used with the computer models, it must first be tested for completeness and accuracy. A detailed description of the weather data collection and quality testing is provided in the following paragraphs.

Monitored meteorology parameters at the DOE-4 station included wind speed, wind direction, air temperature at 2 meters (m) and 10 m, relative humidity, precipitation, barometric pressure, and solar radiation. In addition, statistical parameters provided by the data logger included delta temperature (i.e., defined as the 10-m temperature minus the 2-m temperature), maximum wind speed (i.e., wind gust), and standard deviation of wind direction. Observations were recorded at 15-minute intervals for :00, :15, :30, and :45 minutes each hour. There were 92 days in this reporting period (Q4/2025), which covers October 1, 2025, through December 31, 2025, with a total of 8,832 possible 15-minute observations. During year 8 (Q1/2025 through Q4/2025), there were a total of 35,040 possible 15-minute observations.

4.1.2 Data Validation and Statistics

Data validation screening was performed on the recorded meteorological observations pursuant to EPA's *Meteorological Monitoring Guidance for Regulatory Modeling Applications* (EPA 2000), *Table 8-4 (Suggested Data Screening Criteria)* and *Table 8-3 (Suggested Quality Control Codes)*. Validation screening provided the basis for evaluating data completeness and for determining sensor performance and/or maintenance status. Validation was performed routinely throughout the reporting period following each weekly data download. Data validation quality control (QC) codes applied to the meteorological observations are defined in Table 1.

Table 1. Data screening quality control codes for meteorological data.

Code	Meaning	Description (as used for ETEC meteorological data validation)
0	Valid	PASS – Observation is accurate within the performance limits of the instrument (i.e., value passes all data validation screening criteria).
3	Acceptable	PASS – Observation originally failed initial QC check (see Code 6), but additional review using other independent data and meteorological judgment support final validity.
6	Failed initial QC check	FAIL – Observation did not pass data validation screening criteria.
7	Suspect	FAIL – Observation failed initial data validation QC check (see Code 6) and could not be verified through additional review using other independent data.
8	Invalid	FAIL – Observation judged to be inaccurate or in error, and the cause is known.
9	Missing	FAIL – Observation was not collected.

The validation screening involved comparing, on an individual parameter basis, the recorded values (i.e., observations) against the EPA screening criteria shown in Table 2. The data validation procedure involved an initial automated review to apply a first-level QC Code of 0 (valid), 6 (failed), or 9 (missing), as defined in Table 1. Observations initially flagged with a QC Code = 6 were then manually (i.e., second-level) reviewed by a project meteorologist. The procedure is outlined below:

- Values meeting all screening criteria for the respective meteorological parameter were automatically considered “valid” (QC Code = 0).
- Values not meeting all applicable screening criteria were automatically flagged as “failed initial QC” (QC Code = 6). These values were subjected to second-level manual meteorological review using other available observations (e.g., 2-m vs. 10-m temperature at DOE-4 or from nearby Remote Automatic Weather Stations [RAWS] meteorological station CEEC1 in the Cheeseboro Canyon, California, area located 2.6 miles south of the DOE-4 site), and meteorological judgment:
 - Values confirmed by second-level review were deemed “acceptable” (final QC Code = 3).
 - Otherwise, the values were deemed “suspect” (final QC Code = 7).
- Observations known to be “invalid” (QC Code = 8).
- Missing observations were automatically flagged as “missing” (QC Code = 9).

Values that pass validation with a final QC Code of 0 or 3 are included in the data completeness statistics and the final validated meteorological data set. Values with a final QC Code of 7, 8, or 9 are excluded from the final dataset and counted against the data completeness percentage. Quarterly data statistics for the meteorological parameters are listed in Table 2, along with year-to-date and project-to-date results. Year-to-date and project-to-date percentages are calculated as total valid observations through the completed quarters for the year divided by the total possible observations through this same period.

The completeness goal for meteorological data is 80% on an annual basis. Data completeness statistics for all completed reporting quarters in Year 8 of the baseline monitoring are presented in Table 2. Data completeness to-date for Year 8 exceeds 80% for all monitored meteorological parameters. Although the wind speed sensor failed during the last week of December (see Section 5.1.9.2), the associated data loss for this parameter did not adversely impact the completeness statistics for Q4 or Year 8.

4.1.3 Wind Rose

The final validated 15-minute meteorological dataset was used to develop wind rose diagrams for Q4/2025 and Year 8, as presented in Figures 3 and 4, respectively. A wind rose is a graphical representation of wind speed and direction distribution (or wind climatology) for the period of interest. The frequency of wind blowing from specific directions is shown as petals on the wind rose, with the frequency of wind speeds depicted by color bands. Calm winds are identified as being less than 0.5 meters per second (m/sec).

During Q4/2025, data capture for wind speed and direction at DOE-4 was 94%. The average and maximum wind speeds were 3.92 m/sec and 15.8 m/sec, respectively. The maximum recorded wind gust was 34.8 m/sec. The predominant wind directions this quarter were from the east-southeast and to a lesser extent centered around north (N).

For entire Year 8, data capture for wind speed and direction at DOE-4 was 98.5%. The annual average and maximum wind speeds were 3.90 m/sec and 26.4 m/sec, respectively. The maximum recorded wind gust for the year was 35.5 m/sec. The predominant wind direction was from the east-southeast.

Table 2. Data screening summary for monitored meteorological parameters.

Meteorological Parameter	Screening Criteria ⁽¹⁾ (for valid sensor responses)	Data Completeness Percent (%) ⁽²⁾					
		Q1/25	Q2/25	Q3/25	Q4/25	Year 8	Project to Date
Wind Speed	between 0 and 25 m/sec	100	100	100	94.12	98.53	96.50
	> 0.1 m/sec variation over 3 hours						
	> 0.5 m/sec variation over 12 hours						
Wind Direction	between 0 and 360 degrees	100	100	100	100	100	97.20
	> 1-degree variation over 3 hours						
	> 10-degree variation over 12 hours						
Standard Deviation of Wind Direction	Inherits the completeness stats of Wind Direction	100	100	100	100	100	97.20
Temperature @ 2 m	≤ local record high (monthly basis)	100	100	100	100	100	97.20
	≥ local record low (monthly basis)						
	> 0.5 degrees Celsius (°C) variation over 12 hours						
Temperature @ 10 m	≤ local record high (monthly basis)	100	100	100	100	100	97.17
	≥ local record low (monthly basis)						
	> 0.5°C variation over 12 hours						
Delta Temperature	≤ 0.1°C during daytime	100	100	100	100	100	97.17
	≥ -0.1°C during nighttime						
	between -3.0 and 5.0°C						
Relative Humidity (and Dewpoint Temperature)	relative humidity between 0–100%	100	100	100	100	100	90.79
	dew point T ≤ ambient T						
	dew point T ≤ 5.0°C variation over 1 hour						
	dew point T > 0.5°C variation over 12 hours						
Precipitation	≤ 1 inch in 1 hour	100	100	100	99.89	99.97	97.19
	≤ 4 inches in 24 hours						
	≥ 2 inches in 3 months						
Barometric Pressure	between 871 and 982 millibar (mb) (local)	100	100	100	100	100	97.20
	(i.e., between 940 and 1,060 mb sea level)						
	≤ 6 mb variation over 3 hours						
Solar Radiation	> 0 at night	100	100	100	100	100	97.17
	≤ maximum possible for date and latitude						

(1) Screening criteria from EPA Meteorological Monitoring Guidance (EPA 2000), Table 8-4.

(2) Data Completeness % = [Observations Passing] / [Possible Observations].

a. Missing or suspect observations count against data completeness statistics.

b. Year 2 is an abbreviated data collection year spanning the period Apr. 15-Dec. 31, 2019 (i.e., Quarters 5, 6, and 7).
This was done to synchronize future data collection years with calendar years.

c. Last column in this table represents the cumulative Completeness % for all completed quarterly reporting periods.

(3) The number of possible 15-minute observations in the completed reporting periods:

• Q01 = 8,736• Q02 = 8,832

• Q03 = 8,832

• Q04 = 8,640

• Year 1 = 35,040

• Q05 = 8,736• Q06 = 8,832

• Q07 = 7,488

(only 3 quarters)

• Year 2 = 25,056 (abbreviated)

• Q08 = 8,736• Q09 = 8,736

• Q10 = 8,832

• Q11 = 8,832

• Year 3 = 35,136

• Q12 = 8,640• Q13 = 8,736

• Q14 = 8,832

• Q15 = 8,832

• Year 4 = 35,040

• Q16 = 8,640• Q17 = 8,736

• Q18 = 8,832

• Q19 = 8,832

• Year 5 = 35,040

• Q20 = 8,640• Q21 = 8,736

• Q22 = 8,832

• Q23 = 8,832

• Year 6 = 35,040

• Q24 = 8,736• Q25 = 8,736

• Q26 = 8,832

• Q27 = 8,832

• Year 7 = 35,136

• Q28 = 8,640• Q29 = 8,736

• Q30 = 8,832

• Q31 = 8,832

• Year 8 = 35,136

• Project = 270,528 (to-date)

4.2 PM₁₀ Data

PM₁₀ data, also defined as coarse particles between 2.5 and 10 micrometers in diameter, are measured at the ETEC site. Sources of particulate matter can be naturally occurring or caused by human activity. The air monitoring conducted at ETEC is used to determine if any suspended particles are from activities conducted onsite or if they are consistent with surrounding air quality data. Some of the naturally occurring particles can originate from high winds, forest or grass fires, burning of fossil fuels in vehicles, or stirred-up road dust.

The Met One E-BAM uses the principle of beta attenuation to provide a determination of mass concentration. Twenty-four-hour concentrations are calculated from the hourly concentrations. There were 92 days in the Q4/2025 reporting period. PM₁₀ data are being collected with Met One E-BAM monitors at the following four monitoring locations:

- DOE-1 had valid readings all 92 days.
- DOE-2 had valid readings all 92 days.
- DOE-3 had valid readings all 92 days.
- DOE-4 had valid readings 85 out of 92 days.

DOE-1, DOE-2, and DOE-3 had 100% data completeness for PM₁₀ in Q4/2025. DOE-4 had data completeness of 92%, for a total data completeness in Q4/2025 of 98%, meeting the project goal of 80% completeness for total samples collected during Q4/2025 (see Table 3). However, the cumulative total project data completeness has been calculated as 93% from 2018 through 2025. The complete table of DOE-1, DOE-2, DOE-3, and DOE-4 daily averages for Q4/2025 is presented in Appendix A. During Q4/2025, no downtime was observed for the units at DOE-1, DOE-2, and DOE-3. The unit at DOE-4 experienced downtimes at the end of the year due to power cables vibrating loose, and the issue couldn't be resolved due to the site being closed for the Christmas holidays; upon return to the site, the power cables were connected and secured. Appendix A includes the PM₁₀ daily average table for downtime dates.

Table 3. PM₁₀ data completeness for October 1, 2025 – December 31, 2025.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	92	92	100
DOE-2	92	92	100
DOE-3	92	92	100
DOE-4	85	92	92
Total Completeness			98

The nearby State and Local Air Monitoring Stations (SLAMS) (Simi Valley – Cochran Street) PM₁₀ daily averages, from 01/01/2025 to 12/31/2025, are presented in Appendix A. At the time of writing this report, the data posted are the most current available. Please note, per the EPA website, these EPA data are updated twice per year: once in June to capture the complete data for the prior year and once in December to capture the data for the summer (ozone season).

During the 365 days of the annual reporting period (Q1/2025 through Q4/2025), the PM₁₀ monitoring stations (DOE-1, DOE-2, DOE-3, and DOE-4) exceeded the project goal of 80% data completeness, as shown in Table 4.

Table 4. PM₁₀ data completeness for Year 8, January 1, 2025 – December 31, 2025.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	339	365	93
DOE-2	349	365	96
DOE-3	346	365	95
DOE-4	337	365	92
Total Completeness			91.5

The five highest PM₁₀ results identified for the reporting period are listed in Table 5, along with the CAAQS for PM₁₀. PM₁₀ concentrations were consistent with levels typically found in urban air. Of these top five results, three were recorded at DOE-3 and two at DOE-1. None of the values were above the CAAQS or the NAAQS of 150 µg/m³. The top five readings were identified in November and December 2025. Over these dates, elevated winds may have contributed to the elevated readings. From year to year, it has been noticeable that there is a direct correlation between high wind speeds and higher PM₁₀ readings.

Table 5. Top five PM₁₀ 24-hour average concentration days for October 1, 2025 – December 31, 2025.

Date	Location	PM ₁₀ Value (µg/m ³)	CAAQS (µg/m ³)
11/4/2025	DOE-1	46.745	50
12/20/2025	DOE-3	46.500	50
12/23/2025	DOE-3	39.708	50
12/20/2025	DOE-1	38.550	50
12/21/2025	DOE-3	35.958	50

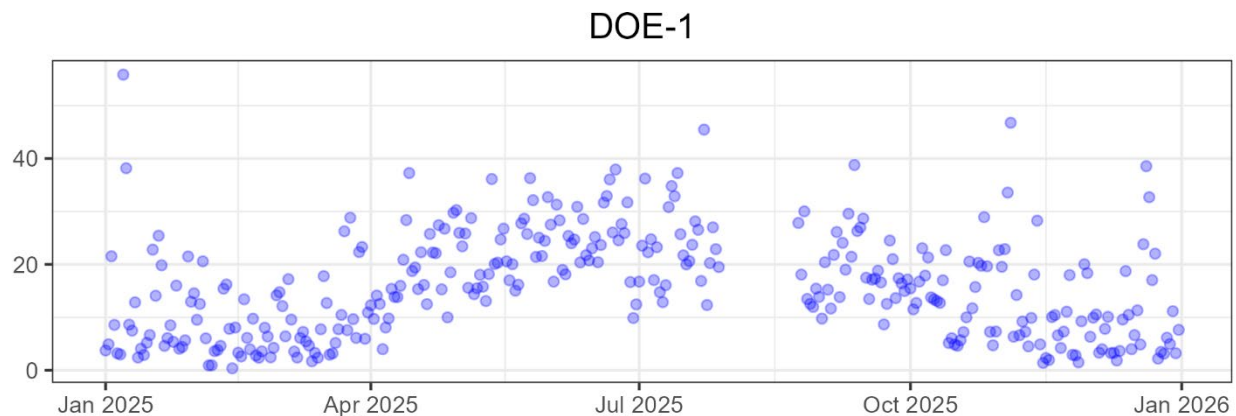
The five highest PM₁₀ results identified for the reporting year are listed in Table 6. Five of the five values were above the CAAQS but below the NAAQS of 150 µg/m³. Wildfires, high temperatures, and high winds all occurred during this recording period and are known to increase air particulates (as shown in the tables and graphs below).

Table 6. Top five PM₁₀ 24-hour average concentration days for January 1, 2025 – December 31, 2025.

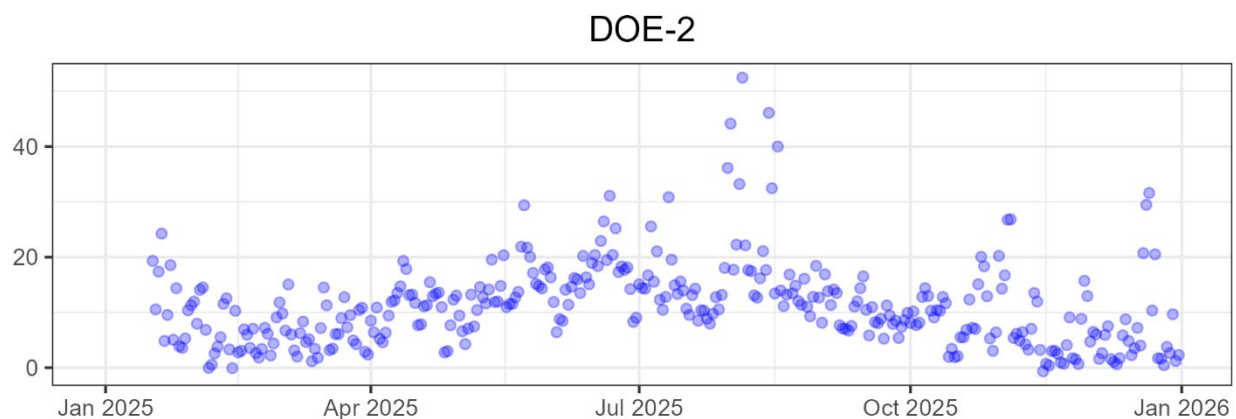
Date	Location	PM ₁₀ Value (µg/m ³)	CAAQS (µg/m ³)
7/21/2025	DOE-4	69.916	50
1/8/2025	DOE-4	59.775	50
1/7/2025	DOE-1	55.833	50
8/5/2025	DOE-2	52.458	50
8/1/2025	DOE-4	50.541	50

Bold text and gray shaded – Value exceeds CAAQS.

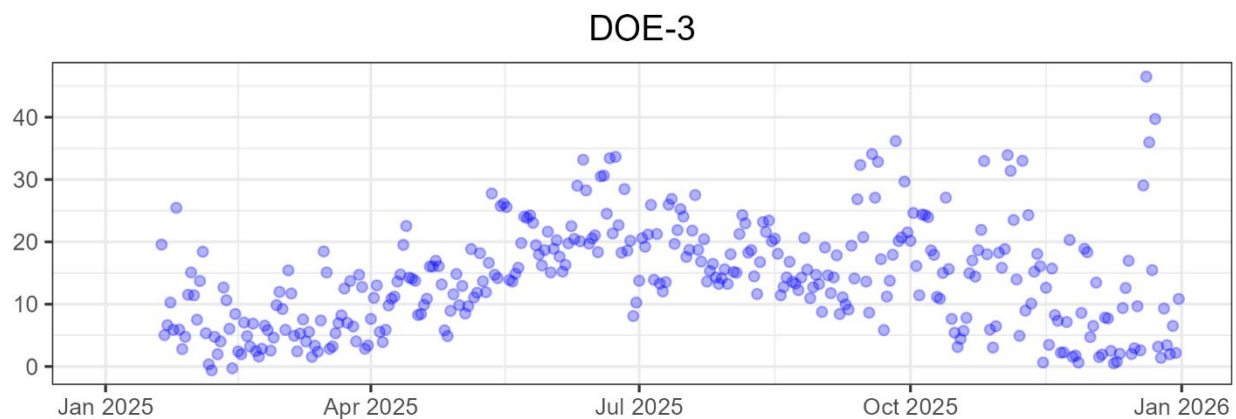
The Year 8 trend data from each monitor are shown below in Graphs 1 through 4. The Year 1 through Year 8 trend data are shown in Graphs 5 through 8 for trend comparison. As Graphs 5 through 8 show, PM₁₀ values have remained constant through baseline and site activities.



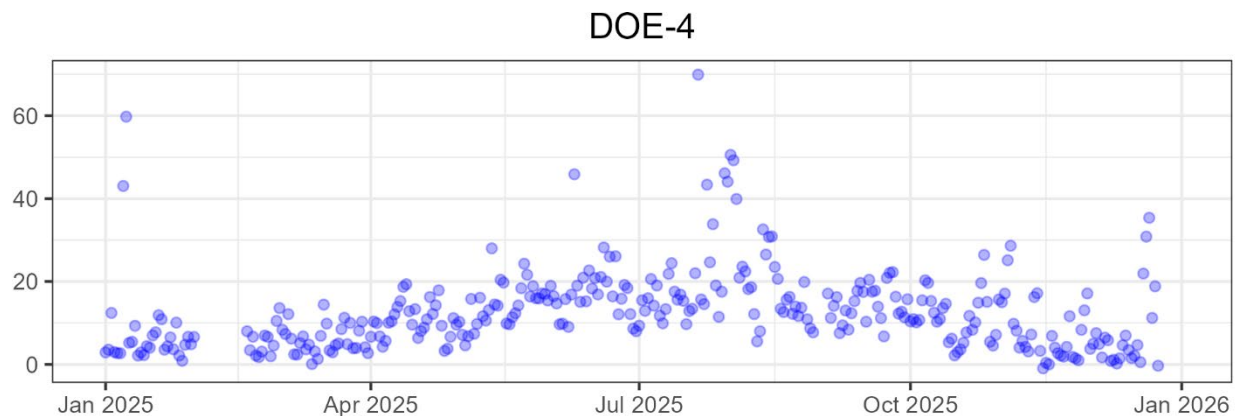
Graph 1. Year 8 trend data, Q1/2025–Q4/2025, for PM₁₀ at monitor DOE-1.



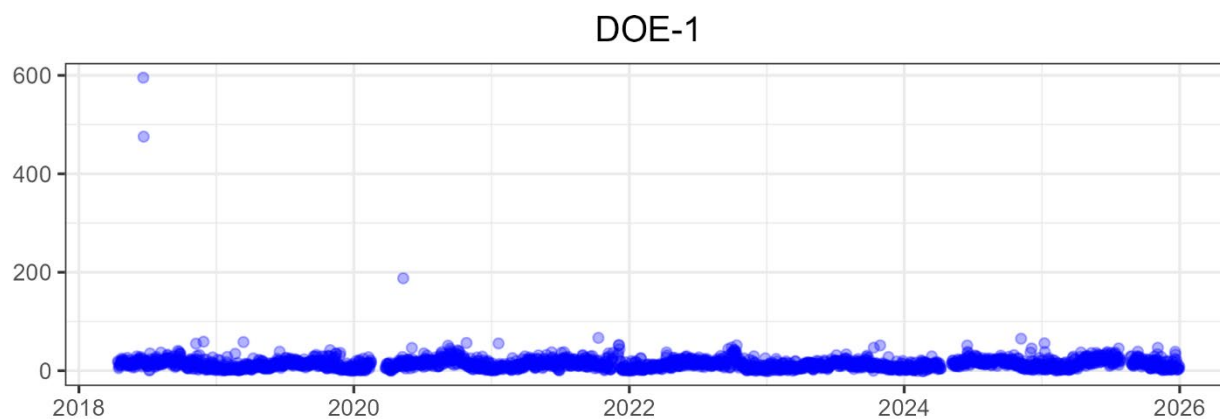
Graph 2. Year 8 trend data, Q1/2025–Q4/2025, for PM₁₀ at monitor DOE-2.



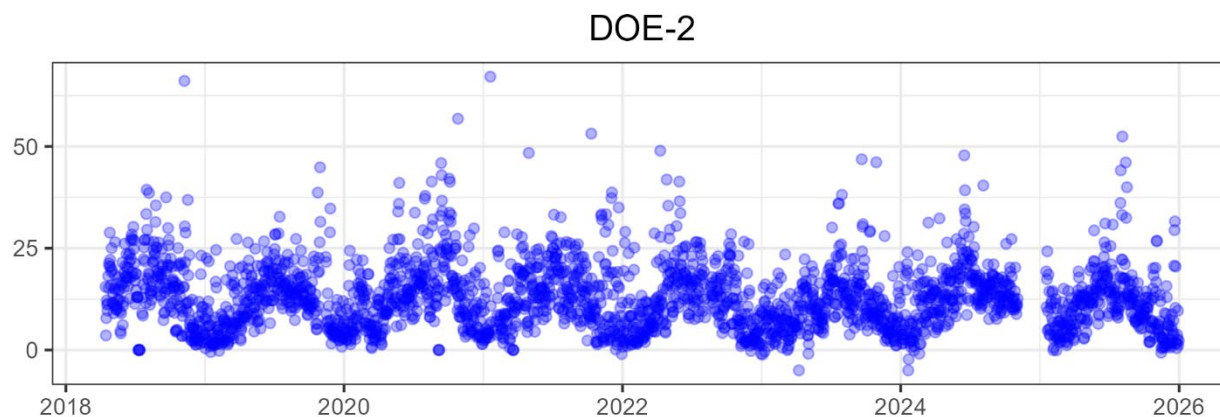
Graph 3. Year 8 trend data, Q1/2025–Q4/2025, for PM₁₀ at monitor DOE-3.



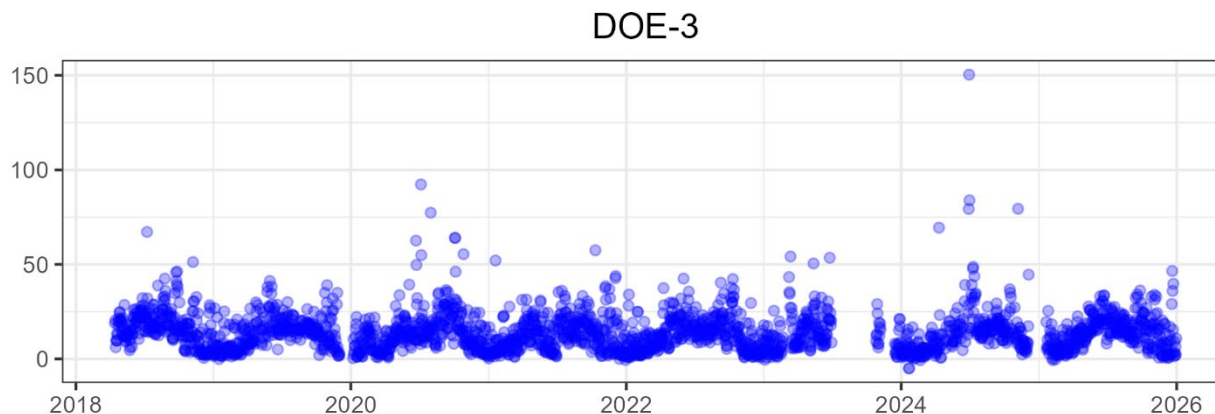
Graph 4. Year 8 trend data, Q1/2025–Q4/2025, for PM₁₀ at monitor DOE-4.



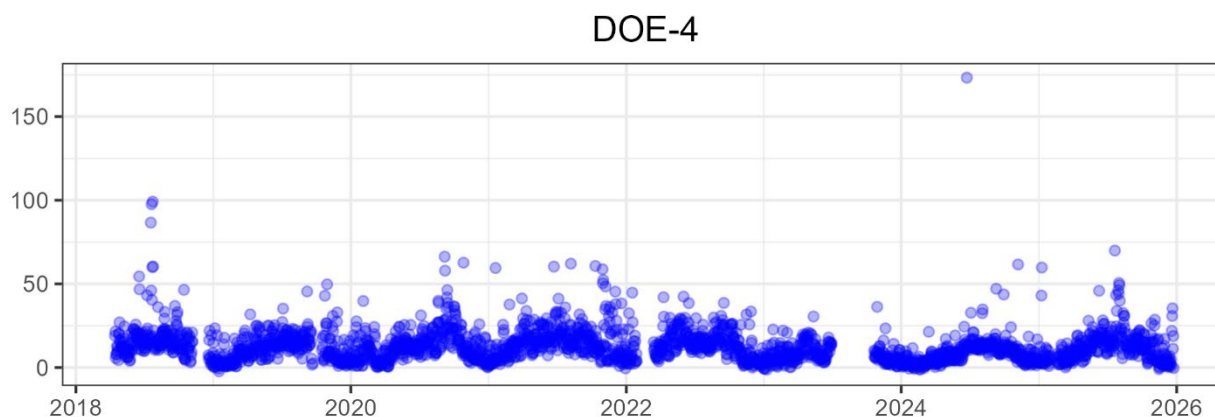
Graph 5. Years 1–8 trend data, 2018–2025, for PM₁₀ at monitor DOE-1.



Graph 6. Years 1–8 trend data, 2018–2025, for PM₁₀ at monitor DOE-2.



Graph 7. Years 1–8 trend data, 2018–2025, for PM₁₀ at monitor DOE-3.



Graph 8. Years 1–8 trend data, 2018–2025, for PM₁₀ at monitor DOE-4.

4.3 Volatile Organic Compound Data

VOCs are organic chemicals that have high vapor pressure, which causes them to evaporate quickly and enter the surrounding air. VOCs can be both naturally occurring or man-made. The VOC data collected can help distinguish between man-made detections from onsite activities or naturally existing organic chemicals. The VOC data collected are compared against screening levels. These screening levels are risk-based concentrations derived from standardized equations combining exposure information with toxicity data.

There were six VOC sampling events in the Q4/2025 reporting period. Each of the four DOE locations were sampled during each sampling event. Data completeness goals for VOCs exceeded the project goal of 85% (see Table 7).

There were 26 annual VOC sampling events. Each of the four locations was sampled during each sampling event. Data completeness goals for VOCs exceeded the project goal of 85% (Table 8).

Table 7. Ambient air VOC data completeness for Q4/2025.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	6	6	100
DOE-2	6	6	100
DOE-3	6	6	100
DOE-4	6	6	100
Average Total Data Completeness			100

Table 8. Ambient air VOC data completeness for Q1/2025–Q4/2025.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	26	26	100
DOE-2	26	26	100
DOE-3	26	26	100
DOE-4	26	26	100
Average Total Data Completeness			100

VOC detection results for Q4/2025 are included below and presented in Table B-1 (Appendix B), including comparison to the April 2025 DTSC HHRA Note 3 Screening Levels (DTSC 2025) or EPA RSLs (EPA 2025).

- Acrolein was detected above the EPA RSL limit of $0.021 \mu\text{g}/\text{m}^3$ during the October 10, 2025, sampling at one location (DOE-2) at a concentration of $0.25 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$. Benzene was detected above the DTSC HHRA Note 3 level limit of $0.097 \mu\text{g}/\text{m}^3$ during the October 10, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.26 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$, $0.90 \mu\text{g}/\text{m}^3$, $0.27 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$, and $0.38 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$. Acrylonitrile was detected above the EPA RSL limit of $0.041 \mu\text{g}/\text{m}^3$ during the October 10, 2025, sampling at one location (DOE-3) at a concentration of $2.6 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$. Vinyl chloride was detected above the DTSC HHRA Note 3 level limit of $0.0095 \mu\text{g}/\text{m}^3$ during the October 10, 2025, sampling at one location (DOE-3) at concentrations of $0.16 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$.
- Benzene was detected above the DTSC HHRA Note 3 level limit of $0.097 \mu\text{g}/\text{m}^3$ during the October 21, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.29 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$, $0.24 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$, $0.22 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$, and $0.23 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$. Carbon tetrachloride was detected above the EPA RSL limit of $0.47 \mu\text{g}/\text{m}^3$ during the October 21, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.56 \mu\text{g}/\text{m}^3$, $0.54 \mu\text{g}/\text{m}^3$, $0.51 \mu\text{g}/\text{m}^3$, and $0.53 \mu\text{g}/\text{m}^3$. Acrolein was detected above the EPA RSL limit of $0.021 \mu\text{g}/\text{m}^3$ during the October 21, 2025, sampling at one location (DOE-4) at a concentration of $0.36 \text{ J}; \text{J} \mu\text{g}/\text{m}^3$.
- Benzene was detected above the DTSC HHRA Note 3 level limit of $0.097 \mu\text{g}/\text{m}^3$ during the November 5, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.68 \text{ J}; \mu\text{g}/\text{m}^3$, $0.53 \text{ J}; \mu\text{g}/\text{m}^3$, $0.55 \text{ J}; \mu\text{g}/\text{m}^3$, and $0.42 \text{ J}; \mu\text{g}/\text{m}^3$. Acrolein was detected above the EPA RSL limit of $0.021 \mu\text{g}/\text{m}^3$ during the November 5, 2025, sampling at three locations (DOE-1, DOE-2, and DOE-3) at concentrations of $1.2 \text{ J}; \mu\text{g}/\text{m}^3$, $0.55 \text{ J}; \mu\text{g}/\text{m}^3$, and $0.84 \text{ J}; \mu\text{g}/\text{m}^3$. Chloroform was detected above the EPA RSL limit of $0.12 \mu\text{g}/\text{m}^3$ during the November 5, 2025, sampling at two locations (DOE-1 and DOE-3) at concentrations of $0.18 \mu\text{g}/\text{m}^3$ and $0.14 \mu\text{g}/\text{m}^3$.
- Benzene was detected above the DTSC HHRA Note 3 level limit of $0.097 \mu\text{g}/\text{m}^3$ during the November 20, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.42 \text{ J}; \mu\text{g}/\text{m}^3$, $0.40 \text{ J}; \mu\text{g}/\text{m}^3$, $0.33 \text{ J}; \mu\text{g}/\text{m}^3$, and $0.30 \text{ J}; \mu\text{g}/\text{m}^3$. Carbon tetrachloride was detected above the EPA RSL limit of $0.47 \mu\text{g}/\text{m}^3$ during the November 20, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.53 \mu\text{g}/\text{m}^3$, $0.50 \mu\text{g}/\text{m}^3$, $0.54 \mu\text{g}/\text{m}^3$, and $0.52 \mu\text{g}/\text{m}^3$.

- Benzene was detected above the DTSC HHRA Note 3 level limit of $0.097 \mu\text{g}/\text{m}^3$ during the December 5, 2025, sampling at four locations (DOE-1, DOE-2, DOE-3, and DOE-4) at concentrations of $0.28 \text{ J}; \mu\text{g}/\text{m}^3$, $0.18 \text{ J}; \mu\text{g}/\text{m}^3$, $0.19 \text{ J}; \mu\text{g}/\text{m}^3$, and $0.17 \text{ J}; \mu\text{g}/\text{m}^3$. Chloroform was detected above the EPA RSL limit of $0.12 \mu\text{g}/\text{m}^3$ during the December 5, 2025, sampling at two locations (DOE-3 and DOE-4) at concentrations of $0.15 \mu\text{g}/\text{m}^3$ and $0.32 \mu\text{g}/\text{m}^3$. Methylene chloride was detected above the DTSC HHRA Note 3 level limit of $1 \mu\text{g}/\text{m}^3$ during the December 5, 2025, sampling at one location (DOE-3) at a concentration of $1.1 \mu\text{g}/\text{m}^3$.
- Benzene was detected above the DTSC HHRA Note 3 level limit of $0.097 \mu\text{g}/\text{m}^3$ during the December 16, 2025, sampling at one location (DOE-1) at a concentration of $0.13 \text{ J}; \mu\text{g}/\text{m}^3$. Chloroform was detected above the EPA RSL limit of $0.12 \mu\text{g}/\text{m}^3$ during the December 16, 2025, sampling at one location (DOE-1) at a concentration of $0.17 \mu\text{g}/\text{m}^3$. Acrolein was detected above the EPA RSL limit of $0.021 \mu\text{g}/\text{m}^3$ during the December 16, 2025, sampling at one location (DOE-2) at a concentration of $0.62 \text{ J}; \mu\text{g}/\text{m}^3$.

VOC analytical results for Q1/2025 through Q4/2025 are presented in Table B-2 (Appendix B). During Q1/2025, benzene was detected above the DTSC HHRA Note 3 level limit at all four locations (DOE-1, DOE-2, DOE-3, and DOE-4); ethyl acetate was detected above the RSL limit at three locations (DOE-1, DOE-2, and DOE-4); acrolein was detected above the RSL limit at two locations (DOE-1 and DOE-2); and acrylonitrile and naphthalene were detected above the RSL limit each at one location (DOE-4 and DOE-3, respectively).

During Q2/2025, benzene was detected above the DTSC HHRA Note 3 level limit at all four locations (DOE-1, DOE-2, DOE-3, and DOE-4); ethyl acetate and chloroform were detected above the RSL limit each at two locations (DOE-2 and DOE-3); and acrylonitrile and tetrachloroethene were detected above the RSL limit or DTSC HHRA Note 3 level limit each at one location (DOE-2).

During Q3/2025, benzene was detected above the DTSC HHRA Note 3 level limit at all four locations (DOE-1, DOE-2, DOE-3, and DOE-4); ethyl acetate was detected above the RSL limit at three locations (DOE-1, DOE-2, and DOE-4); acrolein was detected above the RSL limit at two locations (DOE-1 and DOE-3); and acrylonitrile was detected above the RSL limit at one location (DOE-4).

During Q4/2025, benzene was detected above the DTSC HHRA Note 3 level limit at all four locations (DOE-1, DOE-2, DOE-3, and DOE-4); acrolein was detected above the RSL limit at all four locations (DOE-1, DOE-2, DOE-3, and DOE-4); carbon tetrachloride was detected above the RSL limit at all four locations (DOE-1, DOE-2, DOE-3, and DOE-4); chloroform was detected above the RSL limit at three locations (DOE-1 DOE-3, and DOE-4); and acrylonitrile, vinyl chloride, and methylene chloride were detected above the RSL limit or DTSC HHRA Note 3 level limit each at one location (DOE-3).

Two man-made VOC analytes, dichlorodifluoromethane (Freon-12) and ethyl acetate, have been detected routinely at all four monitoring stations, during all quarterly sampling events (from Year 1 through Year 8 of the baseline monitoring), indicating that these VOCs were not caused by the 2021–2022 building demolition activities that were performed. Based on laboratory QC data (method blanks and clean canister certifications), the sampling process and laboratory process are not the sources of the two analytes. The onsite source of the analytes is currently unknown.

VOC data analyzed for Year 8 are consistent with VOC data analyzed for Years 1 through 7 baseline data. The time-versus-concentration plots for VOCs are presented in Appendix E. Specifically, only chemicals detected above the relevant screening level at least three times since the start of the monitoring programs

throughout the current period have been plotted. Each VOC has its own separate plot with individual symbols for each monitoring station. And each plot includes a horizontal line indicating the reporting limit, as well as a horizontal line indicating the screening level.

After changes in management of this project and historical research, North Wind Portage has determined that the laboratory has been reporting VOC data to method reporting limits (MRLs) and not to method detection limits (MDLs). This is contrary to the request by DTSC in an October 25, 2021, letter that laboratory reports and report tables display to MDLs. North Wind Portage's new management of this project has corrected this error and will ensure reporting to MDLs starting with the Q1/2025 data and report. The time-versus-concentration plots show the non-detections at the MRL. Starting in 2025, the non-detections were reported down (and shown on these plots) to the MDL.

4.4 Radionuclide Data

DOE continuously monitors air at multiple locations for radioactive particles. This activity is performed for two reasons: (1) to determine the background airborne radioactivity concentration so that any possible releases from future work activities can be detected, and (2) to detect any possible release from existing activities. During Q4/2025, the background airborne radioactive contamination continued at low and stable concentrations, and there was no detected release of material. Based on EPA's 3,000 soil samples, the radionuclides of concern are strontium-90 (Sr-90) and cesium-137 (Cs-137). The locations with elevated concentrations of both radionuclides are near the Radioactive Materials Handling Facility (RMHF), beneath the RMHF asphalt, and in the rocky terrain area south of the Sodium Reactor Experiment Complex. There has been no dust-producing activity in the Sr-90 and Cs-137 impacted soil areas to contribute to any sample. The EPA's data show the majority of Area IV to be free of these radiological contaminants.

There were 104 airborne radioactivity samples collected in Q4/2025 — 26 each with DOE-1, DOE-2, DOE-3, and DOE-4. Each sample was collected on a glass-fiber filter (as discussed in Section 3) and was analyzed onsite using a "low background" Protean radiation counter system. These samples included background radioactive materials and the potential of Area IV-specific radioactive materials.

Gross alpha and gross beta radioactivity data are used to evaluate whether site remediation work is potentially causing airborne radionuclide emissions. The gross alpha and beta analyses are performed at the site using a Protean alpha/beta radiation counter and a Ludlum 2929 gross alpha/beta counter.

The individual filters are analyzed within approximately 1 week following collection. The delay in analysis is required for the naturally occurring short-lived radon daughters to decay and not affect the analysis results. The benefit of analyzing the filters at the site is to allow for an early warning of potential site remediation-caused elevated radionuclide emissions.

The air sample analysis results are tabulated and reviewed for trends. Some results are less than zero once background is subtracted, some are above background, and some are above the MDC, a value statistically above background. The MDC is tracked and reviewed with every analysis to determine if the instrument performance is stable. Any variation will be investigated and may provoke a repair or a calibration.

While approximately 7% of the gross alpha results and most (88%) of the gross beta-gamma results are above the MDC, none of these results are significant. This is because the "background" value is computed with a clean filter and not a filter exposed to background airborne concentrations. While a proportion of

the beta results were detectable, the average results remained low. The results do correlate in time with the regional fires that release natural radioactive materials into the air.

For conservatism, the air sample gross counting results are reviewed, considering that all alpha activity is from the most restrictive expected radionuclide (plutonium-239 [Pu-239]), and all beta activity is from the most restrictive expected radionuclide (strontium/yttrium-90). In all cases, the results are <1% of the airborne limit for the most conservative radionuclide.

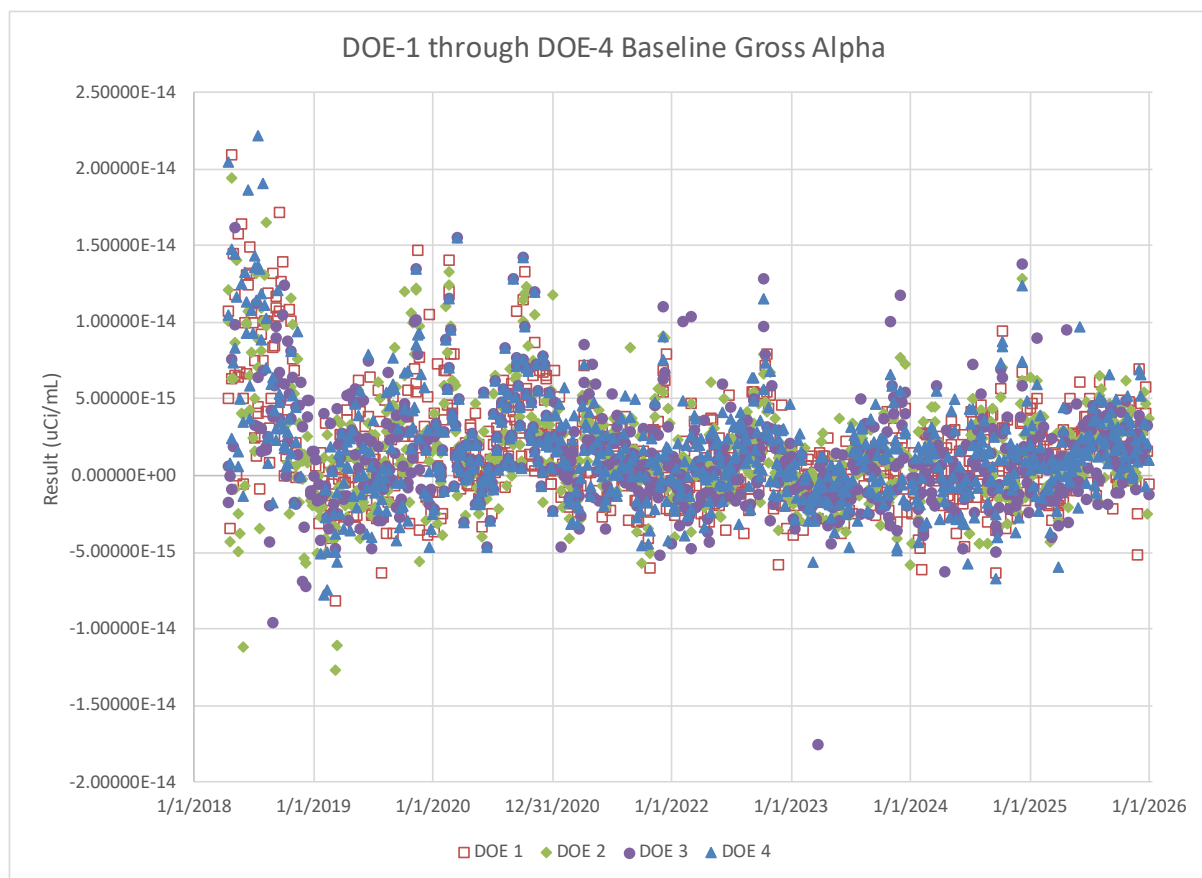
After the end of each quarter, the samples are composited and sent to a laboratory for detailed isotopic analysis. All analyses to date show a broad range of radioactive material consistent with background material and global fallout. These results vary seasonally and do not show any contribution from ETEC activities. There is a small spike in November 2020 that is attributed to environmental factors external to SSFL. A similar spike was seen in November 2019. Gross alpha and gross beta results (Table 9), along with the radionuclide analytical results for Q4/2025 and Year 8 (Q1/2025–Q4/2025), are provided in Appendix C. The gross alpha and gross beta results for Year 1 through Year 8 are presented in Graphs 9 and 10, respectively, with multiple years included to show the natural variability. To give a full picture of the significance in background variation, Graph 11 presents the gross alpha results for Year 1 through Year 8 compared to the Pu-239 limit. Graph 11 shows how the air samples are <1% of the limit, hover around 0.1%, and are sometimes less than zero.

Table 9. Gross alpha and beta-gamma average results for Q4/2025.

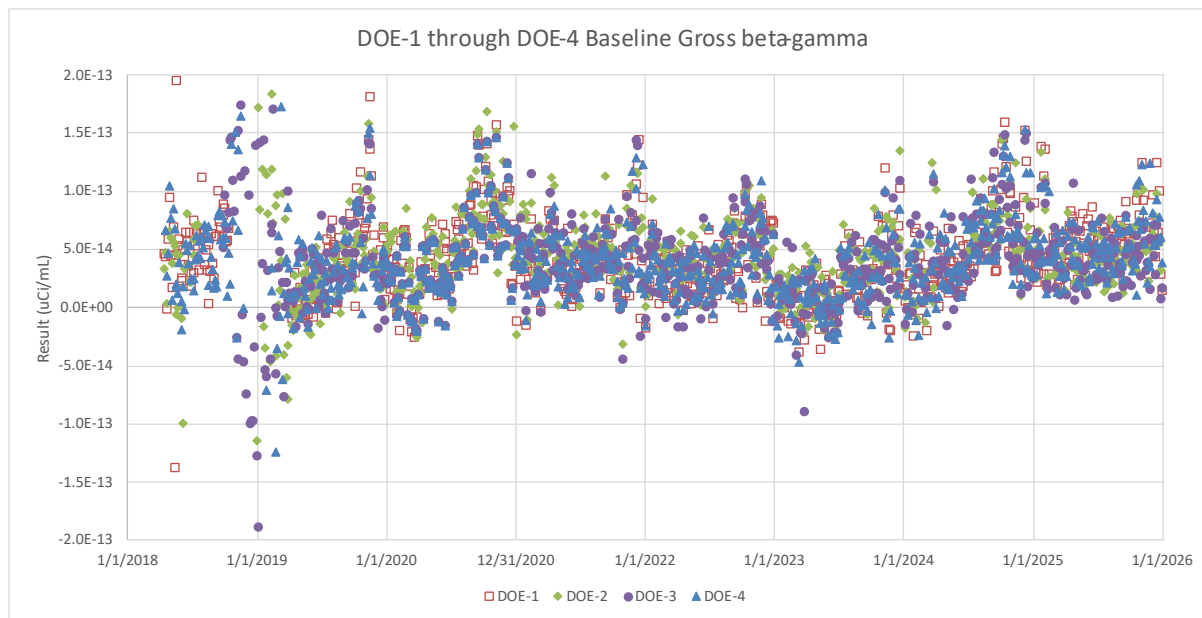
Location	Average Alpha Result (μCi/mL)	Average Alpha MDC (μCi/mL)	Average Beta Result (μCi/mL)	Average Beta MDC (μCi/mL)
DOE-1	2.08E-15	5.41E-15	6.70E-14	2.43E-14
DOE-2	2.32E-15	5.41E-15	5.82E-14	2.43E-14
DOE-3	1.86E-15	5.41E-15	4.59E-14	2.43E-14
DOE-4	2.48E-15	5.45E-15	6.47E-14	2.45E-14
Average	2.18E-15	5.42E-15	5.89E-14	2.43E-14
μCi = microcurie mL = milliliter				

When radionuclides are collated and compared, it is clear that the primary contributors are background radioactive materials. The two most common indicators of artificial radionuclides are Cs-137 and cobalt-60, which have short half-lives. These radionuclides are either negative values or are below the MDC in all cases. For this analysis, the radioisotopic analyses from Year 8 were summed and then compared to the airborne radioactivity limits (derived air concentration [DAC]) (Table 10).

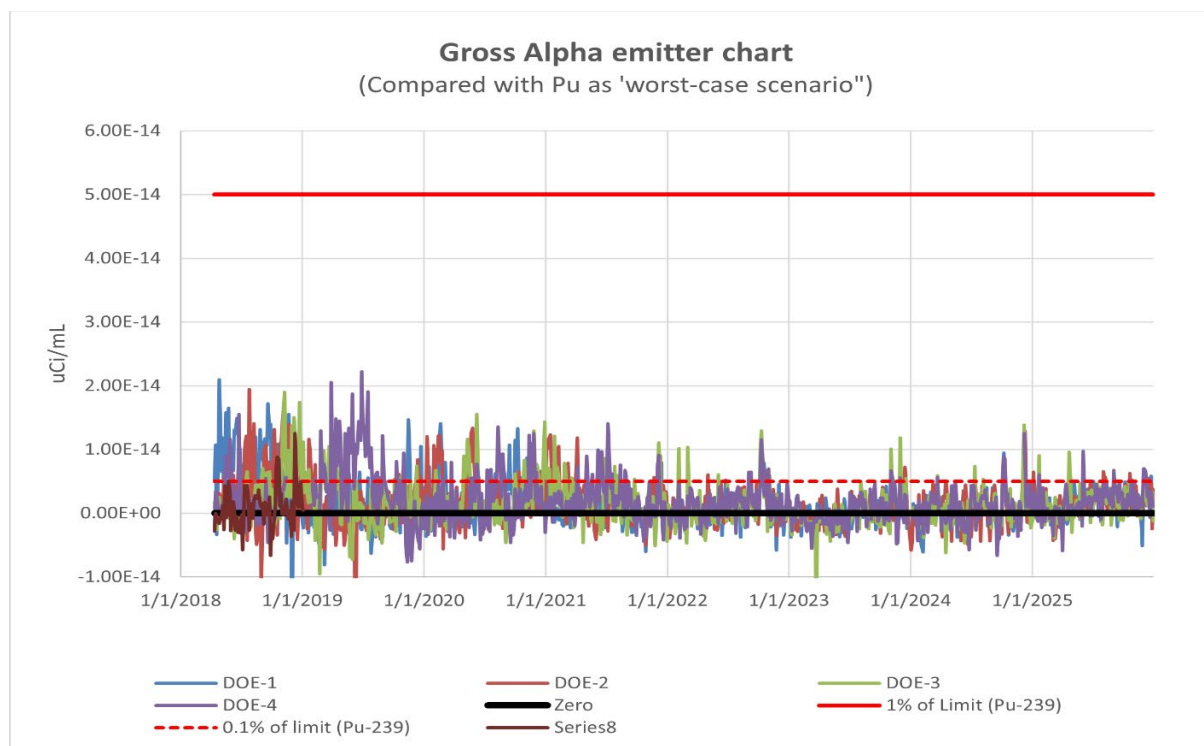
Most of the alpha-emitting radionuclide activity is from background radioactive materials, indicating airborne dust. Less than 1% of the alpha contribution is from artificial radionuclides (e.g., plutonium). As discussed above, it is likely that most of the airborne radioactivity is from the environment, either cosmogenic or global fallout. There is no indication of a local release, as there is no clear mixture associated with fission reactions, given the absence of Cs-137 and Sr-90. The air sample results are compared using conservative assumptions. Since the results hover near or below the detection limit of the instruments, there are no plans to investigate minor variations in background. These radionuclide data are consistent with Years 1 through 7 and Year 8 baseline data.



Graph 9. Gross alpha results for Years 1–8.



Graph 10. Gross beta results for Years 1– 8.



Graph 11. Years 1–8 gross alpha worst-case emitter chart.

Table 10. Comparison of air sample results with DAC.

Radionuclide	Average (no Zero) mCi/mL	% Contribution to Total Alpha Activity	DAC Alpha	% DAC (of measured nuclides)	DAC Beta	% of DAC (of measured nuclides)	% Contribution to Beta-Gamma Activity
Cesium-137	0.00E+00				8.00E-08	0.00E+00	0.00%
Strontium-90	0.00E+00				1.00E-08	0.00E+00	0.00%
Cobalt-60	4.50E-16				3.00E-08	1.50E-08	0.27%
Potassium-40	6.14E-14				1.00E-07	6.14E-07	36.74%
Beryllium-7	1.05E-13				2.00E-08	5.27E-06	62.99%
Plutonium-238	5.35E-17	0.21%	5.00E-11	0.000%			
Polonium-210	1.34E-14	52.46%	2.00E-10	0.007%			
Plutonium-241	1.33E-15	5.23%	2.00E-10	0.001%			
Thorium-230	8.48E-16	3.33%	3.00E-12	0.028%			
Thorium-228	4.98E-16	1.95%	2.00E-11	0.002%			
Actinium-228	2.59E-15	10.15%	6.00E-09	0.000%			
Americium-241	9.02E-17	0.35%	5.00E-12	0.002%			
Plutonium-239	3.13E-17	0.12%	5.00E-12	0.001%			
Ra-228 – total	1.98E-15	7.78%	1.00E-10	0.002%			
Radium-226, - 228 combined	2.26E-15	8.89%	2.00E-10	0.001%			
Thorium-232	6.38E-16	2.50%	3.00E-12	0.021%			
Uranium-238	9.78E-16	3.84%	3.00E-10	0.000%			
Uranium- 233/234	7.85E-16	3.08%	2.00E-10	0.000%			
Uranium- 235/236	2.82E-17	0.11%	3.00E-10	0.000%			

Artificial Radionuclides
Natural Radionuclides

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5. QA/QC ACTIVITIES

The following QA/QC activities were conducted for the PM₁₀, VOC, radionuclide, and meteorological data collection and analysis.

5.1 Field QA/QC

5.1.1 PM₁₀

The 24-hour daily averages for Q4/2025 are presented in Appendix A, along with the monthly average minimum, maximum, and 95th percentile for each station location. In addition, the nearby SLAMS, Simi Valley – Cochran Street – PM₁₀ Daily Averages (from 01/01/2025 to 12/31/2025), along with the monthly average minimum, maximum, and 95th percentile for the Simi Valley – Cochran Street location, are presented in Appendix A. Only the Simi Valley PM₁₀ data from the SLAMS have been reported. The Simi Valley PM_{2.5} and the Reseda PM_{2.5} data have not been reported here since this report discusses only PM₁₀ data, not PM_{2.5} data.

5.1.2 Flow Rate Verifications

Functionality of the Met One E-BAM units is verified and recorded monthly during instrument audits; however, the instruments are also checked several times a week for operability. During the monthly audits, the Met One E-BAM temperature, pressure, and flow rate are verified against a National Institute of Standards and Technology (NIST) traceable flowmeter. E-BAM units are occasionally swapped out for maintenance, and preliminary audits of the new units are performed. The flow rate audit results are presented as bias percentages. The average quarterly bias for each DOE site (DOE-1, DOE-2, DOE-3, and DOE-4) is compared to the flow rate measurement quality objective of +/- 4%.

E-BAM units are occasionally swapped out for maintenance. When this occurs during a quarter, the reported quarterly bias percentage for the affected DOE site is based on the combined monthly audit results for the E-BAM units that operated at the site during that quarter. During Q4/2025, there were no E-BAM unit swap outs. The Q4/2025 quarterly flow rate bias percentages at the four E-BAM sites ranged from -1.88 to -0.65%. These results were within the flow rate measurement quality objective of +/- 4%.

Complete audit reports and flow verification results for Q4/2025 are presented in Appendix D of this document. The flow rate verifications were based on 40 CFR 58, Appendix A, Sections 3.3.1 and 4.2.2 through 4.2.3, along with the *Guideline on the Meaning and the Use of Precision and Bias Data Required by 40 CFR Part 58 Appendix A* (EPA 2007). The Data Assessment Statistical Calculator (DASC) tool, which is an EPA Excel-based software application, was used to perform the necessary statistical calculations based on the flowrate data collected during the monthly audits. Sections 2 and 2.5 of the EPA guidance document (EPA 2007) provide additional information and instructions for using the DASC tool.

5.1.3 VOCs

A minimum of 20% of the VOC results are undergoing third-party data validation. During Q4/2025, two of the six sample delivery groups (SDGs), P2503737 and P2503896, underwent data validation. The data validation ensures that the required analytical measurement quality objectives are met to ensure the data are of sufficient quality for their intended purpose.

Data completeness goals for VOCs exceeded the project goal of 85%.

5.1.4 Field Duplicates

Six field duplicates were collected during this reporting period, and six sampling events were conducted for the Q4/2025 effort. Of the two field duplicate pairs that were validated in Q4/2025 for SDGs P2503737 and P2503896, the following analytes exceeded the quality objective of +/- 15% relative percent difference (RPD):

- Ethyl acetate in P2503896
- Acrylonitrile, cis-1,2-dichloroethene, ethyl acetate, toluene, and cumene in P2503737.

5.1.5 Canister Pressure

Vacuum in the canisters is measured before and after sampling with an analog pressure gauge to ensure proper function. Final canister vacuums ranged from -4 inches mercury (Hg) to -1 inches Hg during this reporting period.

5.1.6 Radiological

The detector for onsite gross alpha and beta sample analysis is calibrated annually by a third-party vendor using sources traceable to the NIST. The detector is checked in by counting alpha- and beta-emitting sources at the site when received from the vendor following calibration. This establishes an acceptable performance range for daily source checks. On each day the detector is used, performance is determined with the site source. The detector may be used if the daily check is within the acceptable performance range.

Samples analyzed at the offsite laboratory are QC-checked at the laboratory. These QC checks include blanks, laboratory replicates, matrix spikes, and matrix spike duplicates. While some QC tests for radium appeared to be biased low, the results do not indicate a release of radium, which is not a contaminant of concern at the site because it is a natural radionuclide. Since Q13, 100% of the radiological analytical results have undergone Stage IV, third-party data validation. The data validation ensures that the required analytical measurement quality objectives are met to ensure the data are of sufficient quality for their intended purpose.

5.1.7 Meteorological

During the reporting period, a weekly data validation screening and review was performed on the monitored meteorological parameters based on the EPA guidance document *Meteorological Monitoring Guidance for Regulatory Modeling Applications, Table 8-4 – Suggested Data Screening Criteria* (EPA 2000), as outlined in Section 4.1. The data validation procedure provided the basis for evaluating data completeness and for determining sensor performance and/or maintenance status.

5.1.8 Maintenance

Routine visual checks were performed on the meteorological station during weekly data downloading site visits. This included inspection of the meteorological tower sensors, E-BAM monitoring unit wind sensors, and solar-powered batteries to ensure proper functioning.

5.1.9 Corrective Action

Issues and corrective actions regarding the PM₁₀ monitors and the meteorological station are noted in Sections 5.1.9.1 and 5.1.9.2, respectively. No issues or corrective actions were noted regarding the remaining monitoring equipment or sampling events during this reporting period.

5.1.9.1 *PM₁₀ Monitors*

E-BAM units are occasionally swapped out for maintenance or repair. Refer to Section 4.2 for a detailed description of PM₁₀ air monitoring equipment issues.

5.1.9.2 *Meteorological Station*

This section covers data quality issues and associated corrective actions that occurred during the current monitoring quarter. The year-to-date annual data percent completion goal of ≥80% was met during Q4/2025 for all parameters. Quality issues this quarter included: (1) continued post-processing of the delta temperature data to correct a datalogger programming equation where the 10-m and 2-m temperature parameters are reversed, (2) the wind speed sensor failure at the end of December, and (3) suspect precipitation that was observed during a heavy rain/strong wind event at the end of December. Also, the recommended sensor maintenance schedule is provided for reference.

(1) Delta Temperature Calculation

- Data Quality Issue:
 - For meteorological monitoring, delta temperature should be defined as T at the higher level minus T at the lower level. However, the datalogger was improperly programmed to calculate the inverse of delta temperature when the station was replaced after the Woolsey Wildfire. Consequently, delta temperature observations are being calculated with an opposite sign compared to the values from the original data logger.
- Corrective Action:
 - Datalogger Equation – Instead of reprogramming the datalogger to correctly calculate delta temperature, an adjustment multiplication factor of “-1” has been applied to the delta temperature values from the new data logger prior to performing the data validation.

Resolution – With application of the “-1” adjustment factor, delta temperature values in the validated project dataset accurately present delta temperature as:

$$\text{Delta Temperature} = [\text{Temperature @ 10 m}] \text{ minus } [\text{Temperature @ 2 m}]$$

(2) Wind Speed Sensor

- Data Quality Issue:
 - The wind speed sensor failed on December 26, 2025. During the data quality validation, the wind speed observations from DOE-4 were found to have dropped to and stayed at zero. The cause of sensor failure has not been determined.
- Corrective Action:
 - Replacement Sensor – The site manager was notified and provided evidence of the wind speed sensor failure. It has been recommended that this sensor be repaired or replaced as soon as possible. As of the end of Q4/2025, the sensor replacement has not occurred. Since the wind speed and direction sensors are not an integrated unit, only the wind speed sensor needs to be repaired/replaced. The wind direction sensor continues to function properly within data quality specifications.

(3) Precipitation Observations

- Data Quality Issue:
 - During a heavy rain/strong wind event at the end of December 2025, a series of 10 consecutive 15-minute precipitation observations were flagged as “Suspect” as part of the data quality review. The 1-hour accumulated precipitation associated with these observations ranged from 1.81 to 5.14 inches, which significantly exceeded the EPA 1-hour precipitation screening criterion of ≤ 1 inch. Observations from two nearby off-site weather stations (CEEC1 and SV) indicated 1-hour totals of approximately 0.5 inches for the same time period. Since the rain gauge sensor is mounted on the tower without a windscreen, it is suspected that vibrations and eddy currents associated with the strong winds likely caused false bucket tips in the sensor. Eliminating these 10 observations from the validated data record results in a storm total of approximately 8 inches at the DOE-4 site, whereas the two nearby offsite stations recorded 5.5 inches during this storm event.
- Corrective Action:
 - The rain gauge sensor will be inspected and cleaned as a precaution. However, no corrective action is likely to be required. This unusual weather event (heavy rain/strong winds) is a rare occurrence at this site based on 8 years of observations from this meteorological station.

(4) Recommended Maintenance Schedule:

Although not a corrective action, the manufacturer’s recommended maintenance frequency for meteorological sensors is presented below for information purposes. Proper and timely maintenance of the meteorological sensors is critical for ensuring that the data are not only valid (based on screening criteria) but also accurate. Schedules for maintenance and calibration are provided in the sensor user manuals and are based on the in-service time of the sensor. Table 11 lists the recommended maintenance schedules for the Met One E-BAM sensors installed at the DOE-4 meteorological station.

Table 11. Meteorological sensor recommended maintenance frequency (Met One).

Sensor	Frequency	Maintenance
WS	6–12 Month	Inspect for proper operation (manual check of pulses per revolution, bearing condition, anemometer cup condition, and bearing replacement, if warranted)
	12–24 Month	Return to Met One for complete overhaul
WD	6–12 Month	Inspect for proper operation (manual check of sensor readings through 360°)
	6–12 Month	Field calibration
	12–24 month	Replace bearings and potentiometer
T	6–12 Month	Inspect sensor for proper operation (field comparison sensor reading against a precision mercury thermometer)
RH	6–12 Month	Inspect sensor for proper operation (compare sensor reading against local weather service or field psychrometer)
	12 Month	Return sensor to Met One for calibration and replacement of O-rings and filter membrane
Rain Gauge	6 Month	Clean sensor and bucket and field verify proper operation
Pressure	12 Month	Return sensor to Met One for calibration and replacement of O-rings and filter membrane
Radiometer	Monthly	Clean sensor glass dome with clean rag/tissue
Note: Maintenance schedules are specified in the respective Met One E-BAM sensor user manuals.		

5.2 Laboratory QA/QC

This report covers 30 air monitoring samples for VOCs collected and analyzed according to the EPA Toxic Compendium Method TO-15, *Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)* (EPA 1999). These samples were reported under six SDGs by the laboratory. All six SDG analyses were performed by ALS Environmental in Simi Valley, CA. For each SDG, the laboratory ran continuing calibration verification, a method blank, and laboratory control samples, and verified surrogate recoveries for each sample.

The laboratory provided certified clean canisters for the sampling events. The certification of the canister batch is considered the equipment blank for each sampling event. The certified clean canisters are discussed by ALS Environmental in the case narrative of each SDG.

5.3 Audit Results

The PM₁₀ instruments were calibrated at the manufacturer and were functioning properly upon installation. The PM₁₀ instruments were audited monthly with a secondary NIST traceable flow meter. Although audits occur only monthly, the instruments were checked several times a week to ensure that they were functioning. Table 12 lists the dates for audits conducted in October through December. No flow rate comparisons exceeded the project's acceptance criterion of +/- 4. The sample nozzles and support vanes were cleaned as needed. Complete audit reports are presented in Appendix D.

Table 12. PM₁₀ audit completeness.

Location	Met One E-BAM Serial Number	Parameter	Date
DOE-1	B18932	PM ₁₀	10/27/2025
DOE-2	Y12096	PM ₁₀	10/27/2025
DOE-3	W23313	PM ₁₀	10/27/2025
DOE-4	X16067	PM ₁₀	10/27/2025
DOE-1	B18932	PM ₁₀	11/24/2025
DOE-2	Y12096	PM ₁₀	11/24/2025
DOE-3	W23313	PM ₁₀	11/24/2025
DOE-4	X16067	PM ₁₀	11/24/2025
DOE-1	B18932	PM ₁₀	12/18/2025
DOE-2	Y12096	PM ₁₀	12/18/2025
DOE-3	W23313	PM ₁₀	12/18/2025
DOE-4	X16067	PM ₁₀	12/18/2025

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6. CONCLUSION

The Year 8 data (PM₁₀, VOC, gross alpha and gross beta, and radionuclides) show a very similar pattern when compared to the baseline data collected during Years 1 through 7 (2018–2024). This conclusion is supported by the data shown in the graphs for Years 1 through 8, PM₁₀ data, and radionuclide data, as identified in Section 4 of this report. These stable trends indicate that onsite activities had no recordable impact on the site air conditions.

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7. REFERENCES

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Figure 1
SSFL Air Monitoring Locations

Figure 1 – SSFL Air Monitoring Locations

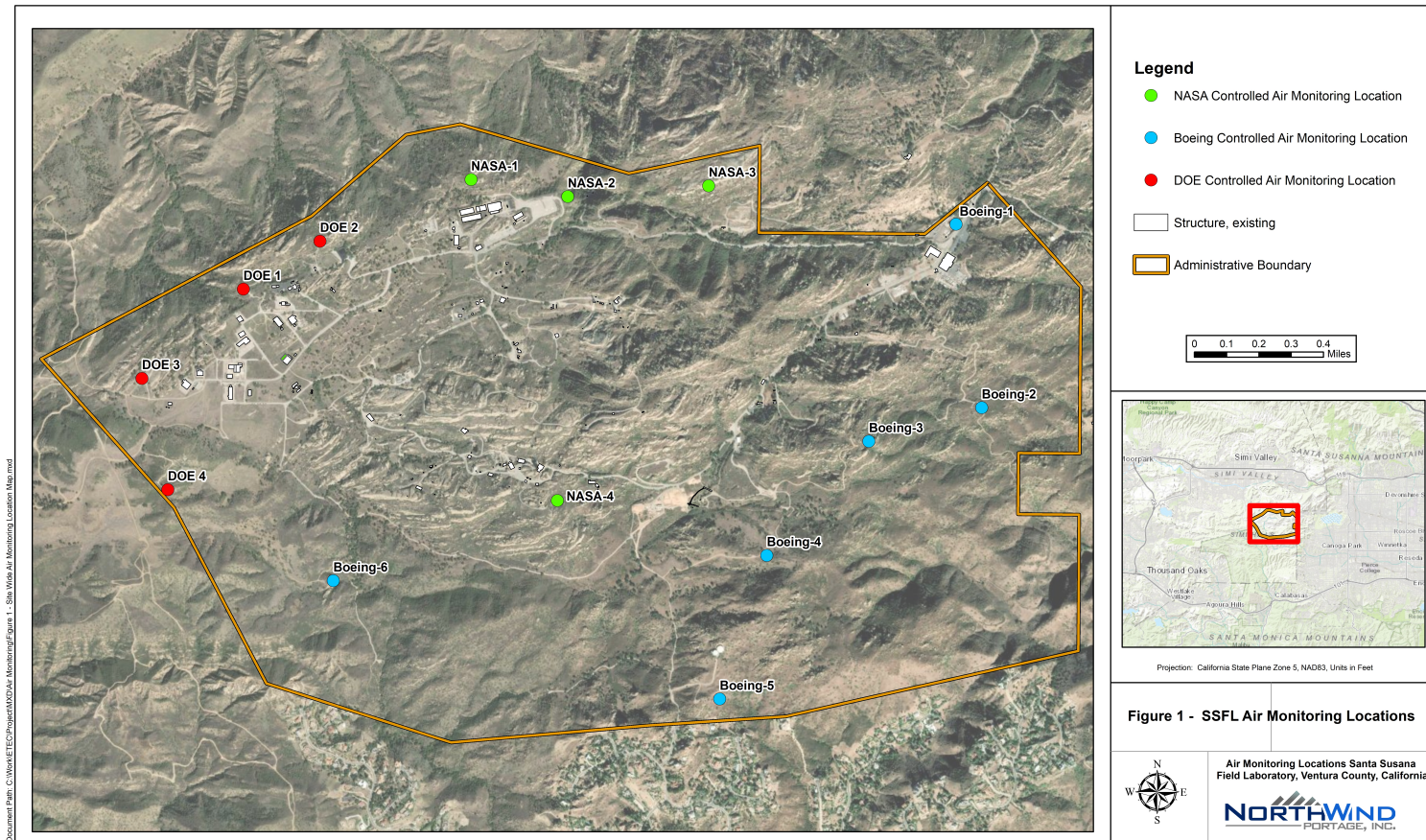


Figure 2
DOE Air Monitoring Locations

Figure 2 – DOE Air Monitoring Locations

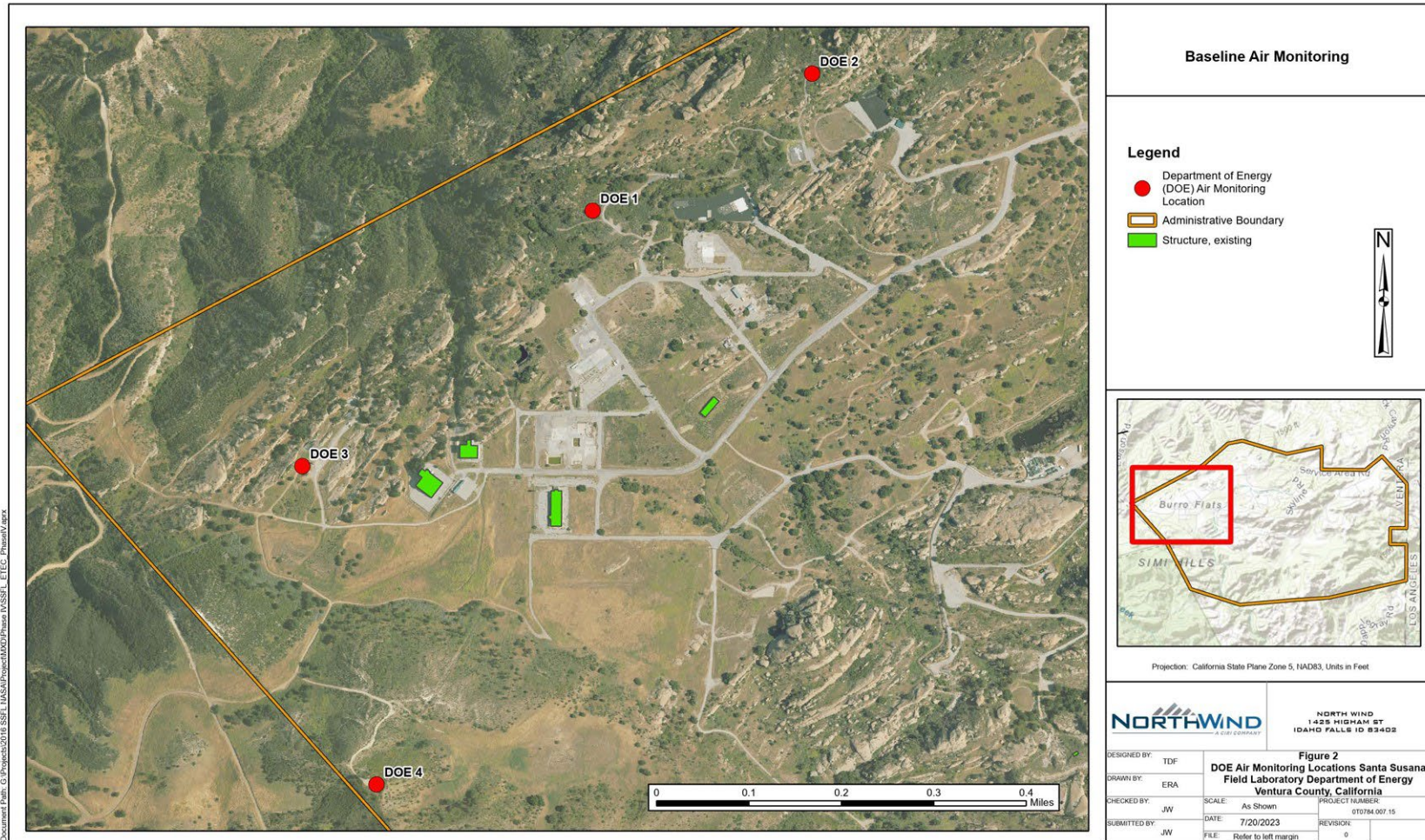


Figure 3 – DOE Quarterly Wind Rose

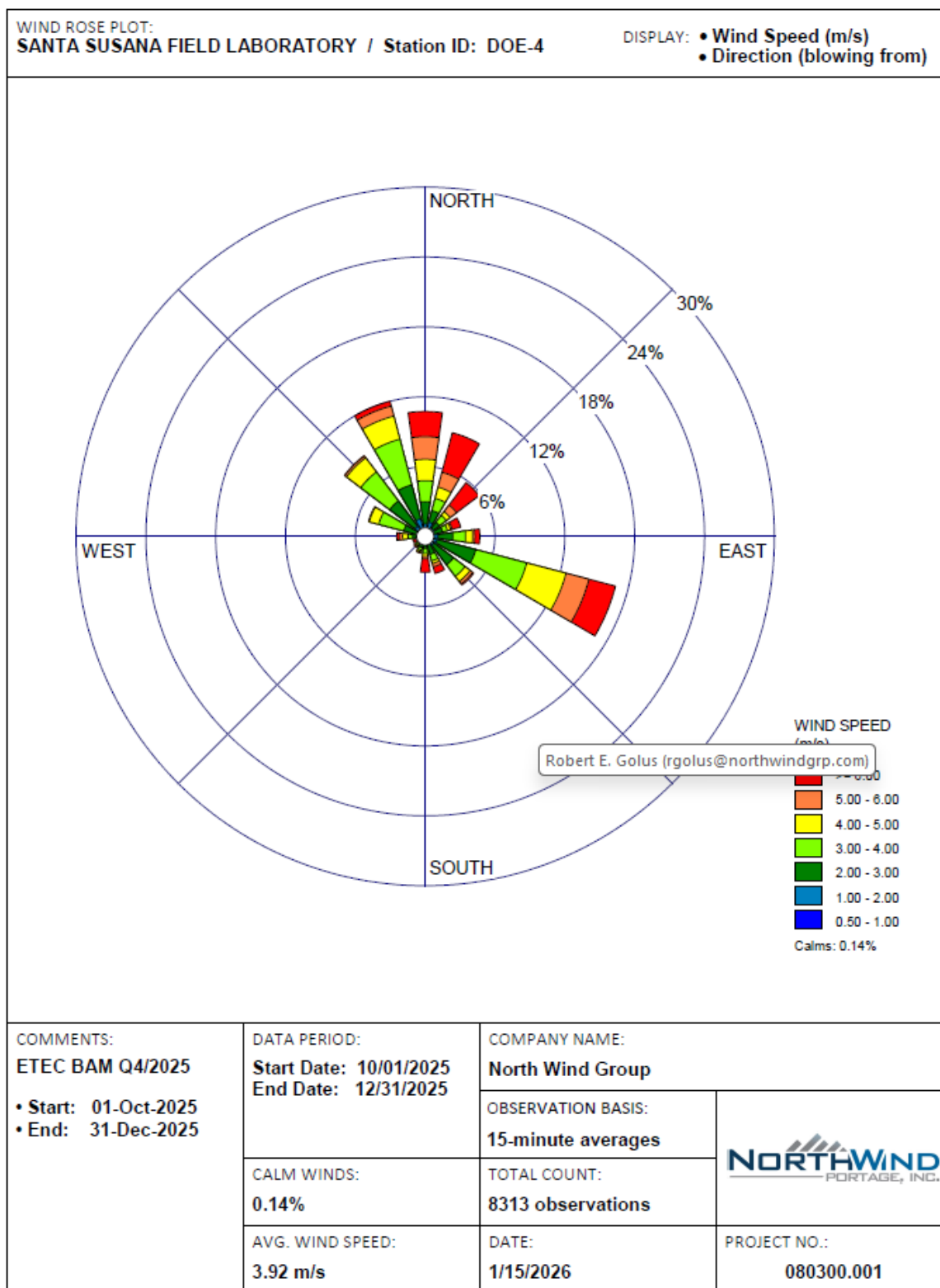
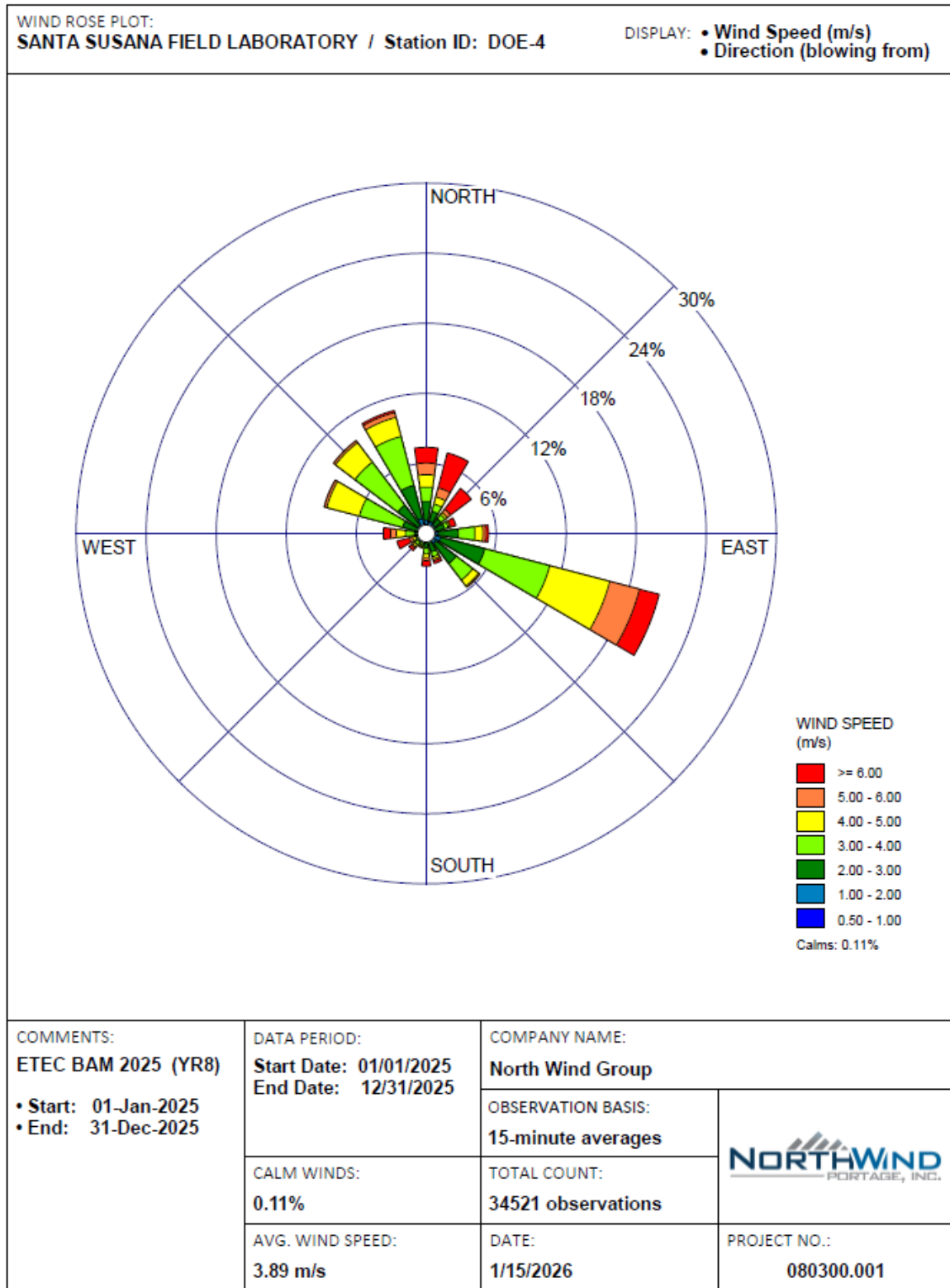


Figure 4 – DOE Annual Wind Rose



APPENDIX A

PM₁₀ Daily Averages and Monthly Statistics

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PM₁₀ Daily Averages, Q4/2025

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
10/01/2025	15.458	8.083	20.166	10.375
10/02/2025	11.512	10.166	24.625	10.916
10/03/2025	12.720	7.708	16.125	10.125
10/04/2025	16.750	8.125	11.416	10.708
10/05/2025	23.050	12.791	24.375	15.458
10/06/2025	17.895	14.375	24.291	20.291
10/07/2025	21.304	12.958	23.958	19.666
10/08/2025	13.775	10.291	18.625	15.291
10/09/2025	13.400	9.083	17.916	12.458
10/10/2025	13.091	10.416	11.166	10.291
10/11/2025	12.737	10.291	10.875	10.958
10/12/2025	17.008	12.791	15.000	13.583
10/13/2025	22.691	11.666	27.083	14.625
10/14/2025	5.166	1.958	15.625	5.333
10/15/2025	6.066	3.416	7.625	6.208
10/16/2025	4.866	1.882	5.416	2.166
10/17/2025	4.641	2.083	3.125	2.958
10/18/2025	5.670	5.500	4.416	3.625
10/19/2025	7.220	5.500	5.708	5.208
10/20/2025	10.000	6.833	7.791	7.708
10/21/2025	20.550	12.333	14.958	11.708
10/22/2025	11.712	7.208	17.000	8.333
10/23/2025	15.733	7.000	14.416	10.125
10/24/2025	20.300	15.083	18.666	14.875
10/25/2025	19.745	20.041	21.916	19.625
10/26/2025	28.920	18.333	32.958	26.416
10/27/2025	19.650	12.916	18.000	15.083
10/28/2025	7.262	5.291	5.916	5.458
10/29/2025	4.725	3.041	3.041	4.541
10/30/2025	7.320	6.375	6.458	7.125
10/31/2025	22.679	20.210	18.250	15.666
11/01/2025	19.545	14.285	15.833	15.000
11/02/2025	22.891	16.708	18.833	17.083
11/03/2025	33.566	26.750	33.916	25.125
11/04/2025	46.745	26.833	31.375	28.625
11/05/2025	6.345	5.375	23.500	9.791
11/06/2025	14.229	6.125	13.958	8.125

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
11/07/2025	6.625	4.916	4.916	4.041
11/08/2025	9.220	6.416	33.000	5.666
11/09/2025	7.283	4.208	8.958	4.208
11/10/2025	4.525	3.250	24.291	3.125
11/11/2025	9.895	7.041	10.083	7.208
11/12/2025	18.087	13.500	15.208	16.250
11/13/2025	28.262	11.958	18.041	17.166
11/14/2025	4.900	3.208	16.083	3.250
11/15/2025	1.404	-0.666	0.625	-0.958
11/16/2025	2.333	0.708	12.625	0.375
11/17/2025	1.966	0.375	3.458	0.000
11/18/2025	10.054	3.000	15.708	6.875
11/19/2025	10.433	3.041	8.250	4.041
11/20/2025	6.608	2.500	7.333	2.708
11/21/2025	4.220	0.958	2.208	2.125
11/22/2025	7.316	0.708	2.250	1.875
11/23/2025	11.079	4.083	7.125	4.208
11/24/2025	17.983	9.083	20.291	11.625
11/25/2025	2.929	1.708	1.541	1.791
11/26/2025	2.825	1.500	1.750	1.458
11/27/2025	1.512	0.666	0.625	1.000
11/28/2025	9.262	8.833	8.583	8.333
11/29/2025	20.033	15.708	18.875	13.041
11/30/2025	18.358	12.958	18.333	17.125
12/01/2025	6.333	4.708	4.708	3.750
12/02/2025	9.937	6.458	6.500	4.958
12/03/2025	10.541	6.041	13.458	7.541
12/04/2025	3.329	1.583	1.500	4.916
12/05/2025	3.975	2.625	1.916	1.666
12/06/2025	7.833	5.916	7.833	6.458
12/07/2025	10.100	7.500	7.708	5.833
12/08/2025	3.250	1.541	2.500	0.833
12/09/2025	3.304	1.041	0.500	1.125
12/10/2025	1.854	0.625	0.750	0.208
12/11/2025	3.658	1.708	2.041	1.458
12/12/2025	9.591	5.833	9.375	4.625
12/13/2025	18.733	8.750	12.583	6.958
12/14/2025	10.483	4.833	16.958	3.458

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
12/15/2025	3.991	2.250	2.000	1.500
12/16/2025	6.654	3.500	2.916	2.083
12/17/2025	11.325	7.208	9.666	4.666
12/18/2025	4.879	4.000	2.583	0.541
12/19/2025	23.816	20.708	29.041	21.916
12/20/2025	38.550	29.458	46.500	30.833
12/21/2025	32.695	31.583	35.958	35.375
12/22/2025	17.033	10.333	15.458	11.208
12/23/2025	22.029	20.500	39.708	18.833
12/24/2025	2.208	1.708	3.166	-0.333
12/25/2025	3.487	1.625	1.375	—
12/26/2025	3.141	0.458	9.291	—
12/27/2025	6.158	3.750	3.416	—
12/28/2025	4.962	2.625	1.958	—
12/29/2025	11.162	9.666	6.500	—
12/30/2025	3.229	1.208	2.166	—
12/31/2025	7.641	2.291	10.833	—

Notes:

— indicate a filter sensor pressure failure.

Negative values mean that the background exceeded the particulate count.

PM₁₀ Daily Averages, Q1/2025 through Q4/2025

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
Q1/2025				
01/01/2025	3.750	—	—	2.883
01/02/2025	4.916	—	—	3.541
01/03/2025	21.541	—	—	12.412
01/04/2025	8.583	—	—	2.962
01/05/2025	3.208	—	—	2.712
01/06/2025	3.000	—	—	2.691
01/07/2025	55.833	—	—	43.045
01/08/2025	38.166	—	—	59.775
01/09/2025	8.625	—	—	5.183
01/10/2025	7.500	—	—	5.441
01/11/2025	12.833	—	—	9.312

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
01/12/2025	2.416	—	—	2.125
01/13/2025	4.083	—	—	2.883
01/14/2025	2.916	—	—	2.237
01/15/2025	5.208	—	—	4.400
01/16/2025	6.666	—	—	4.029
01/17/2025	22.791	19.300	—	6.991
01/18/2025	14.083	10.541	—	7.737
01/19/2025	25.416	17.375	—	11.866
01/20/2025	19.833	24.250	19.555	10.891
01/21/2025	4.625	4.833	5.041	3.550
01/22/2025	6.083	9.541	6.625	4.345
01/23/2025	8.500	18.541	10.250	6.512
01/24/2025	5.375	5.041	5.875	3.650
01/25/2025	16.000	14.375	25.458	10.075
01/26/2025	4.083	3.875	5.916	2.145
01/27/2025	4.416	3.583	2.791	0.862
01/28/2025	5.666	5.291	4.750	4.741
01/29/2025	21.500	10.375	11.500	6.647
01/30/2025	12.958	11.291	15.083	4.850
01/31/2025	14.541	11.958	11.416	6.609
02/01/2025	9.541	7.958	7.500	—
02/02/2025	12.541	14.083	13.708	—
02/03/2025	20.583	14.500	18.416	—
02/04/2025	6.041	6.833	5.333	—
02/05/2025	0.916	-0.041	0.333	—
02/06/2025	0.958	0.541	-0.625	—
02/07/2025	3.625	2.583	4.750	—
02/08/2025	3.833	3.791	1.958	—
02/09/2025	4.625	5.500	4.000	—
02/10/2025	15.416	11.541	12.666	—
02/11/2025	16.208	12.541	10.625	—
02/12/2025	7.833	3.291	6.045	—
02/13/2025	0.375	-0.083	-0.291	—
02/14/2025	8.083	10.291	8.416	—
02/15/2025	3.333	2.750	2.416	—
02/16/2025	2.625	3.041	1.958	—
02/17/2025	13.416	6.916	7.041	—

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
02/18/2025	6.125	5.958	4.875	8.000
02/19/2025	3.958	3.583	3.208	3.416
02/20/2025	9.750	7.041	6.869	6.666
02/21/2025	2.791	2.625	2.458	2.125
02/22/2025	2.375	1.833	1.583	1.750
02/23/2025	3.583	3.375	2.833	3.083
02/24/2025	8.041	7.208	6.541	6.958
02/25/2025	6.375	6.125	5.833	6.625
02/26/2025	2.458	2.208	2.541	1.958
02/27/2025	4.250	4.375	4.625	4.541
02/28/2025	14.166	9.083	9.833	10.500
03/01/2025	14.750	11.791	11.958	13.583
03/02/2025	12.125	9.791	9.208	8.333
03/03/2025	6.416	6.708	5.875	7.333
03/04/2025	17.208	15.041	15.416	12.125
03/05/2025	9.583	6.000	11.708	6.208
03/06/2025	3.541	3.125	4.916	2.416
03/07/2025	2.416	2.000	2.416	2.375
03/08/2025	6.125	6.250	5.291	5.125
03/09/2025	7.250	8.333	7.541	6.750
03/10/2025	5.458	4.625	4.000	3.625
03/11/2025	4.666	5.125	5.541	4.750
03/12/2025	1.708	1.166	1.541	0.083
03/13/2025	3.291	3.416	3.333	3.125
03/14/2025	2.375	1.791	2.375	1.333
03/15/2025	7.750	7.166	7.375	6.875
03/16/2025	17.791	14.500	18.458	14.416
03/17/2025	12.708	11.291	15.083	9.833
03/18/2025	2.958	3.166	2.833	3.375
03/19/2025	3.208	3.458	3.208	2.916
03/20/2025	5.166	6.083	5.333	4.625
03/21/2025	7.761	6.086	6.956	5.045
03/22/2025	10.458	8.958	8.208	8.500
03/23/2025	26.250	12.750	12.500	11.250
03/24/2025	7.583	7.291	7.000	4.875
03/25/2025	28.818	9.500	13.708	10.000
03/26/2025	9.666	4.916	6.416	3.875

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
03/27/2025	6.125	4.250	4.000	3.958
03/28/2025	22.333	10.416	14.708	8.125
03/29/2025	23.291	10.833	12.750	10.291
03/30/2025	5.958	2.875	2.833	4.125
03/31/2025	10.916	2.375	3.375	2.708
Q2/2025				
04/01/2025	12.291	8.500	7.625	6.666
04/02/2025	9.708	6.375	11.000	10.333
04/03/2025	14.125	10.875	13.000	9.958
04/04/2025	12.541	5.208	5.541	6.750
04/05/2025	4.000	4.583	3.916	4.250
04/06/2025	8.083	6.333	5.875	5.666
04/07/2025	9.791	9.416	9.791	10.041
04/08/2025	15.375	11.916	10.875	10.375
04/09/2025	13.875	12.166	11.208	12.095
04/10/2025	13.833	13.541	13.625	13.875
04/11/2025	15.958	14.708	14.750	15.277
04/12/2025	20.875	19.291	19.500	18.708
04/13/2025	28.375	17.833	22.541	19.333
04/14/2025	37.250	13.125	14.250	12.833
04/15/2025	18.750	13.208	14.083	9.583
04/16/2025	19.416	11.708	13.750	13.333
04/17/2025	15.333	7.666	8.250	6.375
04/18/2025	22.291	7.833	8.416	8.041
04/19/2025	16.125	11.083	9.875	8.875
04/20/2025	12.500	11.291	10.875	10.875
04/21/2025	25.750	15.458	16.041	16.250
04/22/2025	22.250	12.916	16.041	12.166
04/23/2025	22.125	13.375	16.958	14.250
04/24/2025	27.416	13.583	16.083	17.875
04/25/2025	15.291	10.958	13.166	9.333
04/26/2025	26.750	2.750	5.791	3.250
04/27/2025	10.000	3.000	4.875	3.791
04/28/2025	18.500	7.666	8.916	6.666
04/29/2025	29.750	12.291	11.583	11.166
04/30/2025	30.250	13.041	14.833	9.583
05/01/2025	25.958	9.416	9.833	10.250

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
05/02/2025	23.416	6.583	12.923	7.125
05/03/2025	25.833	4.250	8.500	4.583
05/04/2025	15.583	7.083	9.666	6.791
05/05/2025	28.750	13.208	18.833	15.791
05/06/2025	14.375	7.458	11.083	7.375
05/07/2025	15.500	10.416	11.833	9.750
05/08/2025	18.041	14.583	18.166	16.083
05/09/2025	15.791	12.708	13.666	11.625
05/10/2025	13.083	11.625	11.916	10.583
05/11/2025	18.166	14.125	16.625	13.125
05/12/2025	36.125	19.541	27.750	28.000
05/13/2025	20.083	11.875	14.708	14.458
05/14/2025	20.333	11.958	14.166	14.166
05/15/2025	24.708	14.791	25.750	20.416
05/16/2025	26.750	20.333	26.125	19.750
05/17/2025	20.583	10.958	25.583	9.875
05/18/2025	17.000	11.500	13.875	9.666
05/19/2025	20.041	11.541	13.625	11.375
05/20/2025	15.041	12.708	14.875	12.333
05/21/2025	16.166	13.708	15.833	14.208
05/22/2025	27.750	21.875	19.791	18.375
05/23/2025	28.625	29.375	24.041	24.291
05/24/2025	25.750	21.708	23.833	21.625
05/25/2025	36.291	20.041	24.250	16.375
05/26/2025	32.125	17.125	23.041	18.875
05/27/2025	21.416	15.166	19.458	15.958
05/28/2025	25.041	14.791	17.958	15.916
05/29/2025	21.583	14.333	16.208	17.125
05/30/2025	24.458	17.750	18.666	16.958
05/31/2025	32.708	18.125	21.625	15.416
06/01/2025	27.500	16.333	15.083	18.958
06/02/2025	16.750	11.875	18.875	16.458
06/03/2025	31.291	6.416	20.250	14.708
06/04/2025	28.333	8.791	17.625	9.666
06/05/2025	18.958	8.458	15.208	9.833
06/06/2025	18.125	14.083	16.291	15.750
06/07/2025	25.375	11.375	19.750	9.041

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
06/08/2025	24.000	14.625	22.500	16.833
06/09/2025	24.708	16.208	20.458	45.875
06/10/2025	30.875	15.958	29.000	19.000
06/11/2025	20.375	13.500	20.083	15.083
06/12/2025	28.583	20.208	33.166	20.916
06/13/2025	21.750	16.333	28.250	15.208
06/14/2025	20.750	15.083	19.708	22.666
06/15/2025	23.041	18.916	20.541	18.291
06/16/2025	25.166	20.375	21.041	20.833
06/17/2025	20.416	18.375	18.333	16.875
06/18/2025	23.666	22.916	30.500	21.083
06/19/2025	31.666	26.458	30.625	28.208
06/20/2025	32.916	19.458	24.500	19.958
06/21/2025	36.041	31.083	33.416	26.000
06/22/2025	26.041	20.375	21.333	16.416
06/23/2025	37.916	25.208	33.625	26.083
06/24/2025	24.541	17.291	22.666	12.083
06/25/2025	27.625	18.291	18.250	15.833
06/26/2025	25.916	17.708	28.458	19.166
06/27/2025	31.708	18.125	18.583	18.416
06/28/2025	16.666	14.208	20.166	12.125
06/29/2025	9.875	8.291	8.083	8.625
06/30/2025	12.458	9.041	10.250	8.000
Q3/2025				
07/01/2025	16.750	15.083	13.750	9.333
07/02/2025	23.541	14.416	20.583	15.458
07/03/2025	36.208	14.291	19.208	12.916
07/04/2025	22.291	16.708	21.166	15.958
07/05/2025	24.750	25.541	25.916	20.583
07/06/2025	17.041	15.541	13.916	14.166
07/07/2025	23.250	21.041	21.250	19.041
07/08/2025	14.750	12.291	13.291	11.750
07/09/2025	12.875	10.458	12.041	9.916
07/10/2025	16.083	12.791	13.541	13.333
07/11/2025	30.833	30.833	25.958	21.833
07/12/2025	34.791	19.541	26.875	24.416
07/13/2025	32.875	14.916	19.666	17.541

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
07/14/2025	37.250	13.333	21.875	15.625
07/15/2025	25.708	15.583	25.250	16.833
07/16/2025	21.708	13.958	24.041	15.333
07/17/2025	20.000	10.666	17.583	9.708
07/18/2025	20.625	9.541	18.708	12.875
07/19/2025	23.708	13.125	21.791	13.416
07/20/2025	28.125	14.291	27.500	22.000
07/21/2025	26.541	8.500	18.708	69.916
07/22/2025	16.875	10.375	16.833	15.666
07/23/2025	45.458	10.291	20.416	14.541
07/24/2025	12.333	8.875	13.625	43.375
07/25/2025	20.250	7.958	15.333	24.625
07/26/2025	27.000	9.750	16.458	33.833
07/27/2025	22.875	12.750	14.291	19.041
07/28/2025	19.500	10.541	13.250	11.458
07/29/2025	—	13.166	14.125	17.541
07/30/2025	—	18.041	15.583	46.125
07/31/2025	—	36.125	13.250	44.083
08/01/2025	—	44.125	18.000	50.541
08/02/2025	—	17.708	15.166	49.250
08/03/2025	—	22.250	15.041	39.916
08/04/2025	—	33.208	21.250	20.916
08/05/2025	—	52.458	24.291	23.583
08/06/2025	—	22.125	22.958	22.416
08/07/2025	—	17.666	18.250	18.166
08/08/2025	—	17.458	18.666	18.625
08/09/2025	—	13.083	14.458	12.133
08/10/2025	—	12.666	11.625	5.550
08/11/2025	—	16.166	16.750	8.000
08/12/2025	—	21.083	23.166	32.571
08/13/2025	—	17.666	21.583	26.500
08/14/2025	—	46.083	23.416	30.750
08/15/2025	—	32.458	20.083	30.875
08/16/2025	—	13.416	20.500	23.500
08/17/2025	—	40.000	18.083	20.625
08/18/2025	—	13.958	11.416	13.416
08/19/2025	—	11.125	12.750	12.625

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
08/20/2025	—	13.208	14.291	15.625
08/21/2025	—	16.833	16.791	16.291
08/22/2025	—	13.458	13.583	12.208
08/23/2025	—	14.833	13.291	13.958
08/24/2025	27.837	12.041	12.250	11.666
08/25/2025	18.079	11.375	14.250	13.666
08/26/2025	30.016	16.083	20.625	19.875
08/27/2025	13.475	11.000	15.541	10.875
08/28/2025	12.550	9.291	10.958	8.708
08/29/2025	11.976	12.791	12.708	7.727
08/30/2025	15.420	18.416	14.708	—
08/31/2025	13.870	12.666	13.208	—
09/01/2025	9.770	8.125	8.750	—
09/02/2025	20.412	16.875	19.083	—
09/03/2025	15.233	13.833	14.625	17.090
09/04/2025	11.670	11.333	11.750	11.208
09/05/2025	21.795	14.125	14.291	14.125
09/06/2025	26.120	13.500	17.833	16.250
09/07/2025	13.833	7.666	8.416	7.541
09/08/2025	24.075	7.083	11.083	9.416
09/09/2025	18.995	7.041	9.958	13.000
09/10/2025	29.579	6.708	9.125	8.375
09/11/2025	21.450	7.541	19.375	12.333
09/12/2025	38.770	11.041	14.125	15.250
09/13/2025	26.300	12.000	26.833	17.750
09/14/2025	26.970	14.375	32.333	19.666
09/15/2025	28.658	16.500	20.750	17.500
09/16/2025	17.491	10.458	13.625	10.291
09/17/2025	13.470	5.833	8.625	20.416
09/18/2025	17.120	10.958	34.083	17.541
09/19/2025	17.333	8.250	27.083	17.791
09/20/2025	18.812	8.041	32.833	13.916
09/21/2025	16.608	8.833	17.208	11.166
09/22/2025	8.670	5.250	5.833	6.750
09/23/2025	12.554	11.250	11.208	20.875
09/24/2025	24.508	9.458	13.750	22.083
09/25/2025	21.000	7.916	17.916	22.250

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
09/26/2025	13.637	8.500	36.166	16.333
09/27/2025	17.395	5.375	20.125	12.250
09/28/2025	16.420	7.375	20.708	12.708
09/29/2025	14.975	8.625	29.666	11.333
09/30/2025	17.141	9.916	21.500	15.708
Q4/2025				
10/01/2025	15.458	8.083	20.166	10.375
10/02/2025	11.512	10.166	24.625	10.916
10/03/2025	12.720	7.708	16.125	10.125
10/04/2025	16.750	8.125	11.416	10.708
10/05/2025	23.050	12.791	24.375	15.458
10/06/2025	17.895	14.375	24.291	20.291
10/07/2025	21.304	12.958	23.958	19.666
10/08/2025	13.775	10.291	18.625	15.291
10/09/2025	13.400	9.083	17.916	12.458
10/10/2025	13.091	10.416	11.166	10.291
10/11/2025	12.737	10.291	10.875	10.958
10/12/2025	17.008	12.791	15.000	13.583
10/13/2025	22.691	11.666	27.083	14.625
10/14/2025	5.166	1.958	15.625	5.333
10/15/2025	6.066	3.416	7.625	6.208
10/16/2025	4.866	1.882	5.416	2.166
10/17/2025	4.641	2.083	3.125	2.958
10/18/2025	5.670	5.500	4.416	3.625
10/19/2025	7.220	5.500	5.708	5.208
10/20/2025	10.000	6.833	7.791	7.708
10/21/2025	20.550	12.333	14.958	11.708
10/22/2025	11.712	7.208	17.000	8.333
10/23/2025	15.733	7.000	14.416	10.125
10/24/2025	20.300	15.083	18.666	14.875
10/25/2025	19.745	20.041	21.916	19.625
10/26/2025	28.920	18.333	32.958	26.416
10/27/2025	19.650	12.916	18.000	15.083
10/28/2025	7.262	5.291	5.916	5.458
10/29/2025	4.725	3.041	3.041	4.541
10/30/2025	7.320	6.375	6.458	7.125
10/31/2025	22.679	20.210	18.250	15.666

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
11/01/2025	19.545	14.285	15.833	15.000
11/02/2025	22.891	16.708	18.833	17.083
11/03/2025	33.566	26.750	33.916	25.125
11/04/2025	46.745	26.833	31.375	28.625
11/05/2025	6.345	5.375	23.500	9.791
11/06/2025	14.229	6.125	13.958	8.125
11/07/2025	6.625	4.916	4.916	4.041
11/08/2025	9.220	6.416	33.000	5.666
11/09/2025	7.283	4.208	8.958	4.208
11/10/2025	4.525	3.250	24.291	3.125
11/11/2025	9.895	7.041	10.083	7.208
11/12/2025	18.087	13.500	15.208	16.250
11/13/2025	28.262	11.958	18.041	17.166
11/14/2025	4.900	3.208	16.083	3.250
11/15/2025	1.404	-0.666	0.625	-0.958
11/16/2025	2.333	0.708	12.625	0.375
11/17/2025	1.966	0.375	3.458	0.000
11/18/2025	10.054	3.000	15.708	6.875
11/19/2025	10.433	3.041	8.250	4.041
11/20/2025	6.608	2.500	7.333	2.708
11/21/2025	4.220	0.958	2.208	2.125
11/22/2025	7.316	0.708	2.250	1.875
11/23/2025	11.079	4.083	7.125	4.208
11/24/2025	17.983	9.083	20.291	11.625
11/25/2025	2.929	1.708	1.541	1.791
11/26/2025	2.825	1.500	1.750	1.458
11/27/2025	1.512	0.666	0.625	1.000
11/28/2025	9.262	8.833	8.583	8.333
11/29/2025	20.033	15.708	18.875	13.041
11/30/2025	18.358	12.958	18.333	17.125
12/01/2025	6.333	4.708	4.708	3.750
12/02/2025	9.937	6.458	6.500	4.958
12/03/2025	10.541	6.041	13.458	7.541
12/04/2025	3.329	1.583	1.500	4.916
12/05/2025	3.975	2.625	1.916	1.666
12/06/2025	7.833	5.916	7.833	6.458
12/07/2025	10.100	7.500	7.708	5.833

Site ID	DOE-1	DOE-2	DOE-3	DOE-4
Sample Date	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
12/08/2025	3.250	1.541	2.500	0.833
12/09/2025	3.304	1.041	0.500	1.125
12/10/2025	1.854	0.625	0.750	0.208
12/11/2025	3.658	1.708	2.041	1.458
12/12/2025	9.591	5.833	9.375	4.625
12/13/2025	18.733	8.750	12.583	6.958
12/14/2025	10.483	4.833	16.958	3.458
12/15/2025	3.991	2.250	2.000	1.500
12/16/2025	6.654	3.500	2.916	2.083
12/17/2025	11.325	7.208	9.666	4.666
12/18/2025	4.879	4.000	2.583	0.541
12/19/2025	23.816	20.708	29.041	21.916
12/20/2025	38.550	29.458	46.500	30.833
12/21/2025	32.695	31.583	35.958	35.375
12/22/2025	17.033	10.333	15.458	11.208
12/23/2025	22.029	20.500	39.708	18.833
12/24/2025	2.208	1.708	3.166	-0.333
12/25/2025	3.487	1.625	1.375	—
12/26/2025	3.141	0.458	9.291	—
12/27/2025	6.158	3.750	3.416	—
12/28/2025	4.962	2.625	1.958	—
12/29/2025	11.162	9.666	6.500	—
12/30/2025	3.229	1.208	2.166	—
12/31/2025	7.641	2.291	10.833	—

Notes:

Negative values mean that the background exceeded the particulate count.

— indicates a filter sensor pressure failure.

Gray-shaded boxes with bold numbers indicate that value exceeded CAAQS but is below the NAAQS of 150 µg/m³.

EPA – Simi Valley – Cochran Street – PM₁₀ Daily Averages, 01/01/2025–12/31/2025

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
1/1/2025	12
1/2/2025	11
1/3/2025	23
1/4/2025	8
1/5/2025	7
1/6/2025	12
1/7/2025	45
1/8/2025	54
1/11/2025	13
1/12/2025	4
1/13/2025	7
1/14/2025	3
1/15/2025	8
1/16/2025	13
1/17/2025	20
1/18/2025	19
1/19/2025	21
1/20/2025	28
1/23/2025	12
1/24/2025	15
1/25/2025	25
1/26/2025	7
1/27/2025	8
1/28/2025	11
1/29/2025	19
1/30/2025	18
1/31/2025	20
2/1/2025	15
2/2/2025	17
2/3/2025	20
2/4/2025	8
2/5/2025	1
2/6/2025	1
2/7/2025	6
2/8/2025	7
2/9/2025	9
2/10/2025	18
2/11/2025	18
2/12/2025	7

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
2/13/2025	3
2/14/2025	14
2/15/2025	6
2/16/2025	7
2/17/2025	12
2/18/2025	15
2/19/2025	12
2/20/2025	12
2/21/2025	6
2/22/2025	5
2/23/2025	9
2/24/2025	17
2/25/2025	17
2/26/2025	8
2/27/2025	10
2/28/2025	17
3/1/2025	21
3/2/2025	14
3/3/2025	12
3/4/2025	22
3/5/2025	15
3/6/2025	7
3/7/2025	6
3/8/2025	8
3/9/2025	11
3/10/2025	10
3/11/2025	8
3/12/2025	4
3/13/2025	4
3/14/2025	6
3/15/2025	10
3/16/2025	18
3/17/2025	15
3/18/2025	6
3/19/2025	8
3/20/2025	12
3/21/2025	13
3/22/2025	17
3/23/2025	23
3/24/2025	15

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
3/25/2025	19
3/26/2025	9
3/27/2025	6
3/28/2025	16
3/29/2025	15
3/30/2025	6
3/31/2025	4
4/1/2025	14
4/2/2025	12
4/3/2025	17
4/4/2025	11
4/5/2025	9
4/6/2025	11
4/7/2025	20
4/8/2025	22
4/9/2025	25
4/10/2025	27
4/11/2025	30
4/12/2025	29
4/13/2025	30
4/14/2025	24
4/15/2025	23
4/16/2025	15
4/17/2025	12
4/18/2025	14
4/19/2025	18
4/20/2025	18
4/21/2025	27
4/22/2025	26
4/23/2025	22
4/24/2025	22
4/25/2025	20
4/26/2025	7
4/27/2025	5
4/28/2025	11
4/29/2025	18
4/30/2025	26
5/1/2025	20
5/2/2025	19
5/3/2025	16

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
5/4/2025	19
5/5/2025	27
5/6/2025	21
5/7/2025	23
5/8/2025	28
5/9/2025	27
5/10/2025	21
5/11/2025	20
5/12/2025	26
5/13/2025	18
5/14/2025	21
5/15/2025	30
5/16/2025	35
5/17/2025	20
5/18/2025	17
5/19/2025	25
5/20/2025	26
5/21/2025	27
5/22/2025	37
5/23/2025	33
5/24/2025	29
5/25/2025	26
5/26/2025	23
5/27/2025	31
5/28/2025	23
5/29/2025	29
5/30/2025	32
5/31/2025	27
6/1/2025	18
6/2/2025	17
6/3/2025	15
6/4/2025	17
6/5/2025	16
6/6/2025	19
6/7/2025	18
6/8/2025	17
6/9/2025	21
6/10/2025	21
6/11/2025	22
6/12/2025	33

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
6/13/2025	30
6/14/2025	25
6/15/2025	28
6/16/2025	36
6/17/2025	36
6/18/2025	37
6/19/2025	33
6/20/2025	35
6/21/2025	34
6/22/2025	27
6/23/2025	33
6/24/2025	25
6/25/2025	26
6/26/2025	27
6/27/2025	31
6/28/2025	22
6/29/2025	14
6/30/2025	20
7/1/2025	18
7/2/2025	21
7/3/2025	24
7/4/2025	26
7/5/2025	31
7/6/2025	22
7/7/2025	25
7/8/2025	26
7/9/2025	25
7/10/2025	31
7/11/2025	37
7/12/2025	28
7/13/2025	16
7/14/2025	19
7/15/2025	21
7/16/2025	17
7/17/2025	18
7/18/2025	21
7/19/2025	22
7/20/2025	20
7/21/2025	12
7/22/2025	12

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
7/23/2025	15
7/24/2025	16
7/25/2025	15
7/26/2025	15
7/27/2025	13
7/31/2025	28
8/1/2025	29
8/2/2025	22
8/3/2025	23
8/4/2025	38
8/5/2025	40
8/6/2025	36
8/7/2025	30
8/8/2025	41
8/9/2025	25
8/10/2025	22
8/11/2025	31
8/12/2025	36
8/13/2025	35
8/14/2025	31
8/15/2025	24
8/16/2025	20
8/17/2025	18
8/18/2025	25
8/19/2025	23
8/20/2025	29
8/21/2025	38
8/22/2025	28
8/23/2025	26
8/24/2025	23
8/25/2025	25
8/26/2025	29
8/27/2025	21
8/28/2025	39
8/29/2025	34
8/30/2025	27
8/31/2025	22
9/1/2025	15
9/2/2025	38
9/3/2025	32

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
9/4/2025	29
9/5/2025	27
9/6/2025	24
9/7/2025	14
9/8/2025	16
9/9/2025	14
9/10/2025	14
9/11/2025	15
9/12/2025	19
9/13/2025	24
9/14/2025	26
9/15/2025	30
9/16/2025	22
9/17/2025	16
9/18/2025	16
9/19/2025	14
9/20/2025	9
9/21/2025	11
9/22/2025	13
9/23/2025	17
9/24/2025	16
9/25/2025	13
9/26/2025	14
9/27/2025	13
9/28/2025	13
9/29/2025	14
9/30/2025	19
10/1/2025	16
10/2/2025	13
10/3/2025	21
10/4/2025	20
10/5/2025	21
10/6/2025	26
10/7/2025	18
10/8/2025	18
10/9/2025	18
10/10/2025	24
10/11/2025	23
10/12/2025	28
10/13/2025	27

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
10/14/2025	3
10/15/2025	10
10/16/2025	11
10/17/2025	10
10/18/2025	11
10/19/2025	13
10/20/2025	17
10/21/2025	29
10/22/2025	16
10/23/2025	20
10/24/2025	24
10/25/2025	22
10/26/2025	24
10/27/2025	35
10/28/2025	23
10/29/2025	16
10/30/2025	64
10/31/2025	45
11/1/2025	37
11/2/2025	23
11/3/2025	22
11/4/2025	28
11/5/2025	17
11/6/2025	13
11/7/2025	10
11/8/2025	18
11/9/2025	15
11/10/2025	14
11/11/2025	20
11/12/2025	28
11/13/2025	23
11/14/2025	7
11/15/2025	1
11/16/2025	4
11/17/2025	3
11/18/2025	11
11/19/2025	12
11/20/2025	10
11/21/2025	4
11/22/2025	5

Simi Valley PM ₁₀ Sample Date	Simi Valley AQS # 061112002
	PM ₁₀ (µg/m ³) (CAAQS 50 µg/m ³)
11/23/2025	8
11/24/2025	20
11/25/2025	6
11/26/2025	4
11/27/2025	6
11/28/2025	13
11/29/2025	20
11/30/2025	19
12/1/2025	10
12/2/2025	15
12/3/2025	13
12/4/2025	7
12/5/2025	11
12/6/2025	17
12/7/2025	16
12/8/2025	8
12/9/2025	7
12/10/2025	7
12/11/2025	15
12/12/2025	19
12/13/2025	18
12/14/2025	14
12/15/2025	8
12/16/2025	17
12/17/2025	15
12/18/2025	14
12/19/2025	20
12/20/2025	34
12/21/2025	26
12/22/2025	20
12/23/2025	31
12/24/2025	4
12/25/2025	6
12/26/2025	4
12/27/2025	5
12/28/2025	6
12/29/2025	8
12/30/2025	5
12/31/2025	5

Notes:

Data supplied from <https://www.epa.gov/outdoor-air-quality-data/download-daily-data> (2025) Only the Simi Valley PM₁₀ data from the State and Local Air Monitoring Stations (SLAMS) have been reported here. The Simi Valley PM_{2.5} and the Reseda PM_{2.5} have not been reported here since this report discusses only PM₁₀ data, not PM_{2.5} data. This webpage contains pre-generated files of data available for download. The files are updated twice per year: once in June to capture the complete data for the prior year, and once in December to capture the data for the summer (ozone season). At the time of writing this report, the data posted are the most current available.

Gray-shaded boxes with bold numbers indicate that the value exceeded CAAQS but is below the NAAQS of 150 µg/m³.

PM₁₀ Monthly Statistics, Q4/2025

Location ID	October 2025			November 2025			December 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95 th PCTL	High	Low	95 th PCTL	High	Low	95 th PCTL
DOE-1	28.92	4.641	22.87	46.745	1.404	31.179	38.55	1.854	28.255
DOE-2	20.21	1.882	19.187	26.833	-0.666	22.231	31.583	0.458	25.083
DOE-3	32.958	3.041	25.854	33.916	0.625	32.269	46.5	0.5	37.833
DOE-4	26.416	2.166	19.979	28.625	-0.958	21.941	35.375	-0.333	29.495

µg/m³ = micrograms per cubic meter

PCTL = percentile

PM₁₀ Monthly Statistics, Q1/2025 through Q4/2025

Location ID	January 2025			February 2025			March 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95 th PCTL	High	Low	95 th PCTL	High	Low	95 th PCTL
DOE-1	55.833	2.416	31.791	20.583	0.375	15.931	28.818	1.708	24.77
DOE-2	24.25	3.583	20.785	14.5	-0.083	13.543	15.041	1.166	13.625
DOE-3	25.458	2.791	22.211	18.416	-0.625	13.343	18.458	1.541	15.25
DOE-4	59.775	0.862	27.729	10.5	1.75	9.25	14.416	0.083	12.854
Location ID	April 2025			May 2025			June 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95 th PCTL	High	Low	95 th PCTL	High	Low	95 th PCTL
DOE-1	37.25	4	30.025	36.291	13.083	34.416	37.916	9.875	34.635
DOE-2	19.291	2.75	16.764	29.375	4.25	21.791	31.083	6.416	25.895
DOE-3	22.541	3.916	18.356	27.75	8.5	25.938	33.625	8.083	33.303
DOE-4	19.333	3.25	18.333	28	4.583	22.958	45.875	8	27.252

Location ID	July 2025			August 2025			September 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
DOE-1	45.458	12.333	36.885	30.016	11.976	29.253	38.77	8.67	29.165
DOE-2	36.125	7.958	28.187	52.458	9.291	45.104	16.875	5.25	15.544
DOE-3	27.5	12.041	26.416	24.291	10.958	23.291	36.166	5.833	33.52
DOE-4	69.916	9.333	45.104	50.541	5.55	45.516	22.25	6.75	21.66
Location ID	October 2025			November 2025			December 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
DOE-1	28.92	4.641	22.87	46.745	1.404	31.179	38.55	1.854	28.255
DOE-2	20.21	1.882	19.187	26.833	-0.666	22.231	31.583	0.458	25.083
DOE-3	32.958	3.041	25.854	33.916	0.625	32.269	46.5	0.5	37.833
DOE-4	26.416	2.166	19.979	28.625	-0.958	21.941	35.375	-0.333	29.495

µg/m³ = micrograms per cubic meter

PCTL = percentile

EPA – Simi Valley – Cochran Street – PM₁₀ Monthly Statistics, 01/01/2025–12/31/2025

Location ID	January 2025			February 2025			March 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
Simi Valley AQS # 061112002 (PM ₁₀)	54.00000	3.00000	39.90000	20.00000	1.00000	18.00000	23.00000	4.00000	21.50000

Location ID	April 2025			May 2025			June 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
Simi Valley AQS # 061112002 (PM ₁₀)	30.00000	5.00000	29.55000	37.00000	16.00000	34.00000	37.00000	14.00000	36.00000

Location ID	July 2025			August 2025			September 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
Simi Valley AQS # 061112002 (PM ₁₀)	37.00000	12.00000	31.00000	41.00000	18.00000	39.50000	38.00000	9.00000	31.10000

Location ID	October 2025			November 2025			December 2025		
	PM ₁₀			PM ₁₀			PM ₁₀		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
Simi Valley AQS # 061112002 (PM ₁₀)	64.00000	3.00000	40.00000	37.00000	1.00000	28.00000	34.00000	4.00000	28.50000

Notes:

Data supplied from https://aqs.epa.gov/aqsweb/airdata/download_files.html#Meta (2025). Only the Simi Valley PM₁₀ data from the State and Local Air Monitoring Stations (SLAMS) have been reported here. The Simi Valley PM_{2.5} and the Reseda PM_{2.5} have not been reported here since this report discusses only PM₁₀ data, not PM_{2.5} data. This webpage contains pre-generated files of data available for download. The files are updated twice per year: once in June to capture the complete data for the prior year, and once in December to capture the data for the summer (ozone season).

APPENDIX B

Analytical Results for Ambient Air VOCs

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Table B-1. Ambient air VOC detection results compared to RSLs for Q4/2025.

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	ug/m3	0.44 J; J
DOE-1	10/10/2025	2-butanone	—	5200	0.18	1.7	ug/m3	0.49 J; J
DOE-1	10/10/2025	Benzene	0.097	—	0.12	0.83	ug/m3	0.26 J; J
DOE-1	10/10/2025	Carbon tetrachloride	—	0.47	0.12	0.17	ug/m3	0.33 ;
DOE-1	10/10/2025	Chloromethane	—	94	0.14	0.34	ug/m3	0.64 ;
DOE-1	10/10/2025	Dichlorodifluoromethane	—	100	0.14	0.82	ug/m3	2.4 ;
DOE-1	10/10/2025	Ethyl acetate	—	73	0.45	3.2	ug/m3	39 V; J-
DOE-1	10/10/2025	Hexane, n-	—	730	0.18	0.84	ug/m3	0.29 J; J
DOE-1	10/10/2025	Methylene chloride	1	—	0.24	0.75	ug/m3	0.34 J; J
DOE-1	10/10/2025	Tetrahydrofuran	—	2100	0.11	1.6	ug/m3	0.43 J; J
DOE-1	10/10/2025	Toluene	440	—	0.11	0.88	ug/m3	0.14 J; J
DOE-1	10/10/2025	Trichlorofluoromethane	1300	—	0.13	0.82	ug/m3	1.1 ;
DOE-2	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	ug/m3	0.48 J; J
DOE-2	10/10/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.66 J; J
DOE-2	10/10/2025	Acrolein	—	0.021	0.24	1.7	ug/m3	0.25 J; J
DOE-2	10/10/2025	Benzene	0.097	—	0.12	0.8	ug/m3	0.90 ;
DOE-2	10/10/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.43 ;
DOE-2	10/10/2025	Chloromethane	—	94	0.14	0.33	ug/m3	0.64 ;
DOE-2	10/10/2025	Dichlorodifluoromethane	—	100	0.14	0.79	ug/m3	2.3 ;
DOE-2	10/10/2025	Ethyl acetate	—	73	0.44	3.1	ug/m3	25 V; J-
DOE-2	10/10/2025	Hexane, n-	—	730	0.17	0.82	ug/m3	0.17 J; J
DOE-2	10/10/2025	Isopropylbenzene	—	420	0.12	0.82	ug/m3	1.9 ;
DOE-2	10/10/2025	Methylene chloride	1	—	0.24	0.72	ug/m3	0.33 J; J
DOE-2	10/10/2025	Toluene	440	—	0.1	0.86	ug/m3	1.2 ;
DOE-2	10/10/2025	Trichlorofluoromethane	1300	—	0.13	0.79	ug/m3	1.1 ;
DOE-3	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	ug/m3	0.50 J; J
DOE-3	10/10/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.57 J; J
DOE-3	10/10/2025	Acrylonitrile	—	0.041	0.17	1.6	ug/m3	2.6 ; J
DOE-3	10/10/2025	Benzene	0.097	—	0.12	0.78	ug/m3	0.27 J; J
DOE-3	10/10/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.43 ;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	10/10/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.63 ;
DOE-3	10/10/2025	cis-1,2-Dichloroethene	8.3	—	0.11	0.15	ug/m3	0.55 ; J
DOE-3	10/10/2025	Dichlorodifluoromethane	—	100	0.13	0.77	ug/m3	2.5 ;
DOE-3	10/10/2025	Ethyl acetate	—	73	0.43	3	ug/m3	13 V; J-
DOE-3	10/10/2025	Hexane, n-	—	730	0.17	0.79	ug/m3	0.17 J; J
DOE-3	10/10/2025	Methylene chloride	1	—	0.23	0.7	ug/m3	0.35 J; J
DOE-3	10/10/2025	Toluene	440	—	0.099	0.83	ug/m3	0.77 J; J
DOE-3	10/10/2025	Trichlorofluoromethane	1300	—	0.12	0.77	ug/m3	1.2 ;
DOE-3	10/10/2025	Vinyl chloride	0.0095	—	0.087	0.32	ug/m3	0.16 J; J
DOE-4	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	ug/m3	0.50 J; J
DOE-4	10/10/2025	1,2,4-trimethylbenzene	—	63	0.12	0.83	ug/m3	0.28 J; J
DOE-4	10/10/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.98 J; J
DOE-4	10/10/2025	2-hexanone	—	31	0.1	1.7	ug/m3	0.15 J; J
DOE-4	10/10/2025	Benzene	0.097	—	0.12	0.81	ug/m3	0.38 J; J
DOE-4	10/10/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.43 ;
DOE-4	10/10/2025	Chloromethane	—	94	0.14	0.33	ug/m3	0.64 ;
DOE-4	10/10/2025	Dichlorodifluoromethane	—	100	0.14	0.8	ug/m3	2.5 ;
DOE-4	10/10/2025	Ethyl acetate	—	73	0.45	3.1	ug/m3	12 V; J-
DOE-4	10/10/2025	Hexane, n-	—	730	0.17	0.83	ug/m3	0.19 J; J
DOE-4	10/10/2025	Isopropylbenzene	—	420	0.12	0.83	ug/m3	0.59 J; J
DOE-4	10/10/2025	Methylene chloride	1	—	0.24	0.73	ug/m3	0.37 J; J
DOE-4	10/10/2025	m-xylene & p-xylene	—	100	0.22	1.7	ug/m3	0.25 J; J
DOE-4	10/10/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.12	0.86	ug/m3	0.15 J; J
DOE-4	10/10/2025	Toluene	440	—	0.1	0.87	ug/m3	1.4 ;
DOE-4	10/10/2025	Trichlorofluoromethane	1300	—	0.13	0.8	ug/m3	1.2 ;
DOE-4	10/10/2025	Xylenes, total	—	100	0.22	1.7	ug/m3	0.40 J; J
DOE-1	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	ug/m3	0.63 J; J
DOE-1	10/21/2025	2-butanone	—	5200	0.16	1.4	ug/m3	0.62 J; J
DOE-1	10/21/2025	Benzene	0.097	—	0.11	0.72	ug/m3	0.29 J; J
DOE-1	10/21/2025	Carbon tetrachloride	—	0.47	0.11	0.14	ug/m3	0.56 ;
DOE-1	10/21/2025	Chloroform	—	0.12	0.1	0.15	ug/m3	0.10 J; J

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	10/21/2025	Chloromethane	—	94	0.12	0.3	ug/m3	0.52 ;
DOE-1	10/21/2025	Dichlorodifluoromethane	—	100	0.12	0.72	ug/m3	2.8 ;
DOE-1	10/21/2025	Ethyl acetate	—	73	0.4	2.8	ug/m3	29 ;
DOE-1	10/21/2025	Isopropanol	—	210	0.31	2.9	ug/m3	0.54 J; J
DOE-1	10/21/2025	Methylene chloride	1	—	0.21	0.65	ug/m3	0.32 J; J
DOE-1	10/21/2025	Tetrahydrofuran	—	2100	0.095	1.4	ug/m3	0.14 J; J
DOE-1	10/21/2025	Toluene	440	—	0.092	0.77	ug/m3	1.0 ;
DOE-1	10/21/2025	Trichlorofluoromethane	1300	—	0.12	0.72	ug/m3	1.5 ;
DOE-2	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	ug/m3	0.59 J; J
DOE-2	10/21/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.63 J; J
DOE-2	10/21/2025	Benzene	0.097	—	0.12	0.78	ug/m3	0.24 J; J
DOE-2	10/21/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.54 ;
DOE-2	10/21/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.51 ;
DOE-2	10/21/2025	Dichlorodifluoromethane	—	100	0.13	0.77	ug/m3	2.7 ;
DOE-2	10/21/2025	Ethyl acetate	—	73	0.43	3	ug/m3	28 ;
DOE-2	10/21/2025	Isopropanol	—	210	0.33	3.1	ug/m3	0.52 J; J
DOE-2	10/21/2025	Methylene chloride	1	—	0.23	0.7	ug/m3	0.32 J; J
DOE-2	10/21/2025	Toluene	440	—	0.099	0.83	ug/m3	0.65 J; J
DOE-2	10/21/2025	Trichlorofluoromethane	1300	—	0.12	0.77	ug/m3	1.4 ;
DOE-3	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	ug/m3	0.57 J; J
DOE-3	10/21/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.54 J; J
DOE-3	10/21/2025	Benzene	0.097	—	0.12	0.79	ug/m3	0.22 J; J
DOE-3	10/21/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.51 ;
DOE-3	10/21/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.51 ;
DOE-3	10/21/2025	Dichlorodifluoromethane	—	100	0.13	0.78	ug/m3	2.7 ;
DOE-3	10/21/2025	Ethyl acetate	—	73	0.43	3	ug/m3	13 ;
DOE-3	10/21/2025	Isopropanol	—	210	0.34	3.2	ug/m3	0.47 J; J
DOE-3	10/21/2025	Methylene chloride	1	—	0.23	0.71	ug/m3	0.32 J; J
DOE-3	10/21/2025	Toluene	440	—	0.1	0.84	ug/m3	0.69 J; J
DOE-3	10/21/2025	Trichlorofluoromethane	1300	—	0.12	0.78	ug/m3	1.4 ;
DOE-4	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	ug/m3	0.56 J; J

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	10/21/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.62 J; J
DOE-4	10/21/2025	Acrolein	—	0.021	0.24	1.7	ug/m3	0.36 J; J
DOE-4	10/21/2025	Benzene	0.097	—	0.12	0.81	ug/m3	0.23 J; J
DOE-4	10/21/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.53 ;
DOE-4	10/21/2025	Chloromethane	—	94	0.14	0.33	ug/m3	0.51 ;
DOE-4	10/21/2025	Dichlorodifluoromethane	—	100	0.14	0.8	ug/m3	2.8 ;
DOE-4	10/21/2025	Ethyl acetate	—	73	0.44	3.1	ug/m3	12 ; J
DOE-4	10/21/2025	Isopropanol	—	210	0.35	3.3	ug/m3	0.48 J; J
DOE-4	10/21/2025	Methylene chloride	1	—	0.24	0.73	ug/m3	0.36 J; J
DOE-4	10/21/2025	Toluene	440	—	0.1	0.86	ug/m3	0.68 J; J
DOE-4	10/21/2025	Trichlorofluoromethane	1300	—	0.13	0.8	ug/m3	1.5 ;
DOE-1	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.13	0.79	ug/m3	0.49 J;
DOE-1	11/5/2025	2-butanone	—	5200	0.19	1.7	ug/m3	2.5 ;
DOE-1	11/5/2025	2-hexanone	—	31	0.11	1.8	ug/m3	0.25 J;
DOE-1	11/5/2025	Acrolein	—	0.021	0.26	1.9	ug/m3	1.2 J;
DOE-1	11/5/2025	Benzene	0.097	—	0.13	0.87	ug/m3	0.68 J;
DOE-1	11/5/2025	Bromomethane	—	5.2	0.13	0.36	ug/m3	0.13 J;
DOE-1	11/5/2025	Carbon disulfide	—	730	0.27	1.8	ug/m3	3.1 ;
DOE-1	11/5/2025	Carbon tetrachloride	—	0.47	0.13	0.17	ug/m3	0.40 ;
DOE-1	11/5/2025	Chloroform	—	0.12	0.12	0.18	ug/m3	0.18 ;
DOE-1	11/5/2025	Chloromethane	—	94	0.15	0.36	ug/m3	0.71 ;
DOE-1	11/5/2025	Dichlorodifluoromethane	—	100	0.15	0.86	ug/m3	3.1 ;
DOE-1	11/5/2025	Ethyl acetate	—	73	0.48	3.3	ug/m3	44 ;
DOE-1	11/5/2025	Hexane, n-	—	730	0.19	0.89	ug/m3	0.57 J;
DOE-1	11/5/2025	Isopropanol	—	210	0.38	3.5	ug/m3	1.0 J;
DOE-1	11/5/2025	m-xylene & p-xylene	—	100	0.24	1.8	ug/m3	0.25 J;
DOE-1	11/5/2025	N-heptane	—	420	0.15	0.89	ug/m3	0.24 J;
DOE-1	11/5/2025	Tetrahydrofuran	—	2100	0.11	1.7	ug/m3	0.14 J;
DOE-1	11/5/2025	Toluene	440	—	0.11	0.93	ug/m3	1.6 ;
DOE-1	11/5/2025	Trichlorofluoromethane	1300	—	0.14	0.86	ug/m3	1.3 ;
DOE-1	11/5/2025	Vinyl acetate	—	210	2.1	9	ug/m3	4.7 J;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	11/5/2025	Xylenes, total	—	100	0.24	1.8	ug/m3	0.25 J;
DOE-2	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.48 J;
DOE-2	11/5/2025	2-butanone	—	5200	0.16	1.5	ug/m3	1.0 J;
DOE-2	11/5/2025	Acrolein	—	0.021	0.22	1.6	ug/m3	0.55 J;
DOE-2	11/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.53 J;
DOE-2	11/5/2025	Carbon disulfide	—	730	0.24	1.5	ug/m3	2.4 ;
DOE-2	11/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.42 ;
DOE-2	11/5/2025	Chloroform	—	0.12	0.11	0.16	ug/m3	0.11 J;
DOE-2	11/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	1.3 ;
DOE-2	11/5/2025	Dichlorodifluoromethane	—	100	0.13	0.75	ug/m3	1.8 ;
DOE-2	11/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	63 ;
DOE-2	11/5/2025	Hexane, n-	—	730	0.16	0.77	ug/m3	0.26 J;
DOE-2	11/5/2025	Isopropanol	—	210	0.33	3	ug/m3	1.3 J;
DOE-2	11/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.43 J;
DOE-2	11/5/2025	m-xylene & p-xylene	—	100	0.21	1.6	ug/m3	0.23 J;
DOE-2	11/5/2025	N-heptane	—	420	0.13	0.77	ug/m3	0.14 J;
DOE-2	11/5/2025	Tetrahydrofuran	—	2100	0.099	1.5	ug/m3	1.3 J;
DOE-2	11/5/2025	Toluene	440	—	0.096	0.81	ug/m3	2.4 ;
DOE-2	11/5/2025	Trichlorofluoromethane	1300	—	0.12	0.75	ug/m3	1.2 ;
DOE-2	11/5/2025	Vinyl acetate	—	210	1.8	7.8	ug/m3	2.2 J;
DOE-2	11/5/2025	Xylenes, total	—	100	0.21	1.6	ug/m3	0.23 J;
DOE-3	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.099	0.6	ug/m3	0.47 J;
DOE-3	11/5/2025	2-butanone	—	5200	0.14	1.3	ug/m3	2.0 ;
DOE-3	11/5/2025	Acrolein	—	0.021	0.2	1.4	ug/m3	0.84 J;
DOE-3	11/5/2025	Benzene	0.097	—	0.1	0.66	ug/m3	0.55 J;
DOE-3	11/5/2025	Carbon tetrachloride	—	0.47	0.096	0.13	ug/m3	0.42 ;
DOE-3	11/5/2025	Chloroform	—	0.12	0.092	0.14	ug/m3	0.14 ;
DOE-3	11/5/2025	Chloromethane	—	94	0.11	0.27	ug/m3	1.3 ;
DOE-3	11/5/2025	Dichlorodifluoromethane	—	100	0.11	0.66	ug/m3	1.8 ;
DOE-3	11/5/2025	Ethyl acetate	—	73	0.36	2.5	ug/m3	32 ;
DOE-3	11/5/2025	Ethylbenzene	—	1.1	0.098	0.72	ug/m3	0.13 J;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	11/5/2025	Hexane, n-	—	730	0.14	0.68	ug/m3	0.33 J;
DOE-3	11/5/2025	Isopropanol	—	210	0.29	2.7	ug/m3	1.7 J;
DOE-3	11/5/2025	Methylene chloride	1	—	0.2	0.6	ug/m3	0.45 J;
DOE-3	11/5/2025	m-xylene & p-xylene	—	100	0.18	1.4	ug/m3	0.24 J;
DOE-3	11/5/2025	N-heptane	—	420	0.11	0.68	ug/m3	0.17 J;
DOE-3	11/5/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.1	0.7	ug/m3	0.12 J;
DOE-3	11/5/2025	Tetrachloroethene	0.46	—	0.09	0.14	ug/m3	0.10 J;
DOE-3	11/5/2025	Toluene	440	—	0.085	0.71	ug/m3	1.9 ;
DOE-3	11/5/2025	Trichlorofluoromethane	1300	—	0.11	0.66	ug/m3	1.2 ;
DOE-3	11/5/2025	Vinyl acetate	—	210	1.6	6.9	ug/m3	1.9 J;
DOE-3	11/5/2025	Xylenes, total	—	100	0.18	1.4	ug/m3	0.36 J;
DOE-4	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	ug/m3	0.48 J;
DOE-4	11/5/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.84 J;
DOE-4	11/5/2025	Benzene	0.097	—	0.12	0.81	ug/m3	0.42 J;
DOE-4	11/5/2025	Carbon disulfide	—	730	0.25	1.7	ug/m3	0.33 J;
DOE-4	11/5/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.42 ;
DOE-4	11/5/2025	Chloromethane	—	94	0.14	0.33	ug/m3	1.2 ;
DOE-4	11/5/2025	Dichlorodifluoromethane	—	100	0.14	0.8	ug/m3	1.9 ;
DOE-4	11/5/2025	Ethyl acetate	—	73	0.45	3.1	ug/m3	18 ;
DOE-4	11/5/2025	Hexane, n-	—	730	0.17	0.83	ug/m3	0.27 J;
DOE-4	11/5/2025	Isopropanol	—	210	0.35	3.3	ug/m3	1.4 J;
DOE-4	11/5/2025	Methylene chloride	1	—	0.24	0.73	ug/m3	0.48 J;
DOE-4	11/5/2025	m-xylene & p-xylene	—	100	0.22	1.7	ug/m3	0.24 J;
DOE-4	11/5/2025	N-heptane	—	420	0.14	0.83	ug/m3	0.15 J;
DOE-4	11/5/2025	Toluene	440	—	0.1	0.87	ug/m3	1.4 ;
DOE-4	11/5/2025	Trichlorofluoromethane	1300	—	0.13	0.8	ug/m3	1.2 ;
DOE-4	11/5/2025	Xylenes, total	—	100	0.22	1.7	ug/m3	0.24 J;
DOE-1	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.66	ug/m3	0.59 J;
DOE-1	11/20/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.44 J;
DOE-1	11/20/2025	Benzene	0.097	—	0.11	0.73	ug/m3	0.42 J;
DOE-1	11/20/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.53 ;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	11/20/2025	Chloromethane	—	94	0.12	0.3	ug/m3	0.67 ;
DOE-1	11/20/2025	Dichlorodifluoromethane	—	100	0.13	0.73	ug/m3	2.9 ;
DOE-1	11/20/2025	Ethyl acetate	—	73	0.4	2.8	ug/m3	1.8 J;
DOE-1	11/20/2025	Hexane, n-	—	730	0.16	0.75	ug/m3	0.18 J;
DOE-1	11/20/2025	Isopropanol	—	210	0.32	3	ug/m3	0.45 J;
DOE-1	11/20/2025	Methylene chloride	1	—	0.22	0.66	ug/m3	0.57 J;
DOE-1	11/20/2025	Toluene	440	—	0.094	0.78	ug/m3	0.39 J;
DOE-1	11/20/2025	Trichlorofluoromethane	1300	—	0.12	0.73	ug/m3	1.4 ;
DOE-2	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	ug/m3	0.56 J;
DOE-2	11/20/2025	2-butanone	—	5200	0.16	1.4	ug/m3	0.33 J;
DOE-2	11/20/2025	Benzene	0.097	—	0.11	0.72	ug/m3	0.40 J;
DOE-2	11/20/2025	Carbon tetrachloride	—	0.47	0.1	0.14	ug/m3	0.50 ;
DOE-2	11/20/2025	Chloromethane	—	94	0.12	0.3	ug/m3	0.64 ;
DOE-2	11/20/2025	Dichlorodifluoromethane	—	100	0.12	0.71	ug/m3	2.8 ;
DOE-2	11/20/2025	Ethyl acetate	—	73	0.39	2.7	ug/m3	1.9 J;
DOE-2	11/20/2025	Hexane, n-	—	730	0.16	0.73	ug/m3	0.17 J;
DOE-2	11/20/2025	Isopropanol	—	210	0.31	2.9	ug/m3	0.52 J;
DOE-2	11/20/2025	Methylene chloride	1	—	0.21	0.65	ug/m3	0.61 J;
DOE-2	11/20/2025	Toluene	440	—	0.092	0.77	ug/m3	0.38 J;
DOE-2	11/20/2025	Trichlorofluoromethane	1300	—	0.11	0.71	ug/m3	1.3 ;
DOE-3	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	ug/m3	0.58 J;
DOE-3	11/20/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.32 J;
DOE-3	11/20/2025	Benzene	0.097	—	0.11	0.74	ug/m3	0.33 J;
DOE-3	11/20/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.54 ;
DOE-3	11/20/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.68 ;
DOE-3	11/20/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	3.0 ;
DOE-3	11/20/2025	Ethyl acetate	—	73	0.41	2.8	ug/m3	1.3 J;
DOE-3	11/20/2025	Hexane, n-	—	730	0.16	0.76	ug/m3	0.16 J;
DOE-3	11/20/2025	Isopropanol	—	210	0.32	3	ug/m3	0.40 J;
DOE-3	11/20/2025	Methylene chloride	1	—	0.22	0.67	ug/m3	0.56 J;
DOE-3	11/20/2025	Toluene	440	—	0.095	0.8	ug/m3	0.33 J;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	11/20/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.4 ;
DOE-4	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	ug/m3	0.56 J;
DOE-4	11/20/2025	2-butanone	—	5200	0.17	1.5	ug/m3	0.31 J;
DOE-4	11/20/2025	Benzene	0.097	—	0.12	0.77	ug/m3	0.30 J;
DOE-4	11/20/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.52 ;
DOE-4	11/20/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.65 ;
DOE-4	11/20/2025	Dichlorodifluoromethane	—	100	0.13	0.76	ug/m3	2.9 ;
DOE-4	11/20/2025	Ethyl acetate	—	73	0.42	2.9	ug/m3	0.60 J;
DOE-4	11/20/2025	Isopropanol	—	210	0.33	3.1	ug/m3	0.34 J;
DOE-4	11/20/2025	Methylene chloride	1	—	0.23	0.69	ug/m3	0.65 J;
DOE-4	11/20/2025	Toluene	440	—	0.098	0.82	ug/m3	0.31 J;
DOE-4	11/20/2025	Trichlorofluoromethane	1300	—	0.12	0.76	ug/m3	1.4 ;
DOE-1	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.49 J;
DOE-1	12/5/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.22 J;
DOE-1	12/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.28 J;
DOE-1	12/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.41 ;
DOE-1	12/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.63 ;
DOE-1	12/5/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.2 ;
DOE-1	12/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	23 ;
DOE-1	12/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.33 J;
DOE-1	12/5/2025	Tetrahydrofuran	—	2100	0.098	1.5	ug/m3	0.12 J;
DOE-1	12/5/2025	Toluene	440	—	0.096	0.8	ug/m3	0.45 J;
DOE-1	12/5/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.1 ;
DOE-2	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.48 J;
DOE-2	12/5/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.44 J;
DOE-2	12/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.18 J;
DOE-2	12/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.25 ;
DOE-2	12/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.63 ;
DOE-2	12/5/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.2 ;
DOE-2	12/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	6.8 ;
DOE-2	12/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.31 J;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	12/5/2025	Toluene	440	—	0.096	0.8	ug/m3	0.17 J;
DOE-2	12/5/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.1 ;
DOE-3	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.63	ug/m3	0.49 J;
DOE-3	12/5/2025	2-butanone	—	5200	0.15	1.4	ug/m3	0.27 J;
DOE-3	12/5/2025	Benzene	0.097	—	0.1	0.69	ug/m3	0.19 J;
DOE-3	12/5/2025	Carbon tetrachloride	—	0.47	0.1	0.14	ug/m3	0.44 ;
DOE-3	12/5/2025	Chloroform	—	0.12	0.097	0.14	ug/m3	0.15 ;
DOE-3	12/5/2025	Chloromethane	—	94	0.12	0.29	ug/m3	0.49 ;
DOE-3	12/5/2025	Dichlorodifluoromethane	—	100	0.12	0.69	ug/m3	2.3 ;
DOE-3	12/5/2025	Ethyl acetate	—	73	0.38	2.7	ug/m3	11 ;
DOE-3	12/5/2025	Methylene chloride	1	—	0.2	0.63	ug/m3	1.1 ;
DOE-3	12/5/2025	Toluene	440	—	0.088	0.74	ug/m3	0.31 J;
DOE-3	12/5/2025	Trichlorofluoromethane	1300	—	0.11	0.69	ug/m3	1.1 ;
DOE-4	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.49 J;
DOE-4	12/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.17 J;
DOE-4	12/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.44 ;
DOE-4	12/5/2025	Chloroform	—	0.12	0.1	0.16	ug/m3	0.32 ;
DOE-4	12/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.60 ;
DOE-4	12/5/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.3 ;
DOE-4	12/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	1.2 J;
DOE-4	12/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.31 J;
DOE-4	12/5/2025	Toluene	440	—	0.096	0.8	ug/m3	0.15 J;
DOE-4	12/5/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.1 ;
DOE-1	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	ug/m3	0.44 J;
DOE-1	12/16/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.17 J;
DOE-1	12/16/2025	Benzene	0.097	—	0.12	0.79	ug/m3	0.13 J;
DOE-1	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.37 ;
DOE-1	12/16/2025	Chloroform	—	0.12	0.11	0.16	ug/m3	0.17 ;
DOE-1	12/16/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.59 ;
DOE-1	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.78	ug/m3	1.9 ;
DOE-1	12/16/2025	Ethyl acetate	—	73	0.43	3	ug/m3	4.1 ;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	12/16/2025	Methylene chloride	1	—	0.23	0.71	ug/m3	0.32 J;
DOE-1	12/16/2025	N-heptane	—	420	0.13	0.8	ug/m3	0.37 J;
DOE-1	12/16/2025	N-octane	—	100	0.18	0.82	ug/m3	0.91 ;
DOE-1	12/16/2025	Tetrahydrofuran	—	2100	0.1	1.5	ug/m3	0.68 J;
DOE-1	12/16/2025	Toluene	440	—	0.1	0.84	ug/m3	0.17 J;
DOE-1	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.78	ug/m3	0.93 ;
DOE-2	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	ug/m3	0.46 J;
DOE-2	12/16/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.66 J;
DOE-2	12/16/2025	Acrolein	—	0.021	0.23	1.7	ug/m3	0.62 J;
DOE-2	12/16/2025	Carbon disulfide	—	730	0.24	1.6	ug/m3	0.51 J;
DOE-2	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.37 ;
DOE-2	12/16/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.59 ;
DOE-2	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.77	ug/m3	1.9 ;
DOE-2	12/16/2025	Ethyl acetate	—	73	0.43	3	ug/m3	1.6 J;
DOE-2	12/16/2025	Methylene chloride	1	—	0.23	0.7	ug/m3	0.24 J;
DOE-2	12/16/2025	Toluene	440	—	0.099	0.83	ug/m3	0.13 J;
DOE-2	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.77	ug/m3	0.94 ;
DOE-3	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	ug/m3	0.47 J;
DOE-3	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.39 ;
DOE-3	12/16/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.60 ;
DOE-3	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.0 ;
DOE-3	12/16/2025	Ethyl acetate	—	73	0.41	2.8	ug/m3	1.3 J;
DOE-3	12/16/2025	Methylene chloride	1	—	0.22	0.67	ug/m3	0.26 J;
DOE-3	12/16/2025	N-heptane	—	420	0.12	0.76	ug/m3	0.21 J;
DOE-3	12/16/2025	N-octane	—	100	0.18	0.77	ug/m3	0.67 J;
DOE-3	12/16/2025	Toluene	440	—	0.095	0.8	ug/m3	0.11 J;
DOE-3	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	0.99 ;
DOE-4	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	ug/m3	0.43 J;
DOE-4	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.37 ;
DOE-4	12/16/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.59 ;
DOE-4	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.76	ug/m3	1.9 ;

Location ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	12/16/2025	Ethyl acetate	—	73	0.42	2.9	ug/m3	1.2 J;
DOE-4	12/16/2025	Methylene chloride	1	—	0.23	0.69	ug/m3	0.25 J;
DOE-4	12/16/2025	N-heptane	—	420	0.13	0.78	ug/m3	0.20 J;
DOE-4	12/16/2025	N-octane	—	100	0.18	0.8	ug/m3	0.78 J;
DOE-4	12/16/2025	Toluene	440	—	0.098	0.82	ug/m3	0.17 J;
DOE-4	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.76	ug/m3	0.94 ;

Notes:

Bold text indicates that the result is above method reporting limit.

Peach shading indicates that the result is above DTSC HHRA NOTE 3.

Pink shading indicates that the result is above the US EPA RSL.

MDL = method detection limit

MRL = method reporting limit

µg/m³ = micrograms per meter cubed

"—" indicates no value

J- = The result is an estimated quantity, but the result may be biased low

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound

J = Result is an estimated quantity. Associated numerical value is approximate concentration of analyte in sample.

; = separates lab qualifiers from data validation qualifiers. If no qualifier(s) then just the ; may be reported.

Table B-2. Year 8 ambient air VOC detection results compared to RSLs.

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	1/8/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.63	µg/m ³	0.59 J; J
DOE-1	1/8/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.77	ug/m3	0.13 J; J
DOE-1	1/8/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	0.57 J; J
DOE-1	1/8/2025	Benzene	0.097	—	0.11	0.71	µg/m ³	0.40 J; J
DOE-1	1/8/2025	Carbon tetrachloride	—	0.47	0.1	0.73	µg/m ³	0.41 J; J
DOE-1	1/8/2025	Chloromethane	—	94	0.12	0.76	µg/m ³	0.40 J; J
DOE-1	1/8/2025	Dichlorodifluoromethane	—	100	0.12	0.73	µg/m ³	2.5 ;
DOE-1	1/8/2025	Ethyl acetate	—	73	11	28	µg/m ³	870 D;
DOE-1	1/8/2025	Isopropanol	—	210	0.31	1.4	µg/m ³	2.5 ;
DOE-1	1/8/2025	Methylene chloride	1	—	0.21	0.64	µg/m ³	0.40 J; J
DOE-1	1/8/2025	Tetrahydrofuran	—	2100	0.29	1.4	µg/m ³	0.32 J; J
DOE-1	1/8/2025	Toluene	440	—	0.091	0.76	µg/m ³	0.99 ;
DOE-1	1/8/2025	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m ³	1.2 ;
DOE-1	1/8/2025	Vinyl acetate	—	210	1.7	7.5	µg/m ³	4.6 J; J
DOE-2	1/8/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.53 J; J
DOE-2	1/8/2025	Benzene	0.097	—	0.11	0.73	µg/m ³	0.31 J; J
DOE-2	1/8/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m ³	0.42 J; J
DOE-2	1/8/2025	Chloromethane	—	94	0.12	0.78	µg/m ³	0.56 J; J
DOE-2	1/8/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m ³	2.3 ;
DOE-2	1/8/2025	Ethyl acetate	—	73	1.1	2.9	µg/m ³	75 ;
DOE-2	1/8/2025	Isopropanol	—	210	0.32	1.4	µg/m ³	0.45 J; J
DOE-2	1/8/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.48 J; J
DOE-2	1/8/2025	Toluene	440	—	0.094	0.78	µg/m ³	0.45 J; J
DOE-2	1/8/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m ³	1.1 ;
DOE-3	1/8/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.63	µg/m ³	0.54 J; J
DOE-3	1/8/2025	Benzene	0.097	—	0.11	0.71	µg/m ³	0.28 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	1/8/2025	Carbon tetrachloride	—	0.47	0.1	0.72	µg/m ³	0.39 J; J
DOE-3	1/8/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.40 J; J
DOE-3	1/8/2025	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m ³	2.3 ;
DOE-3	1/8/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	58 ; J
DOE-3	1/8/2025	Isopropanol	—	210	0.31	1.4	µg/m ³	0.56 J; J
DOE-3	1/8/2025	Methylene chloride	1	—	0.21	0.64	µg/m ³	0.52 J; J
DOE-3	1/8/2025	Toluene	440	—	0.09	0.75	µg/m ³	0.37 J; J
DOE-3	1/8/2025	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m ³	1.1 ;
DOE-4	1/8/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.61	µg/m ³	0.53 J; J
DOE-4	1/8/2025	Benzene	0.097	—	0.1	0.69	µg/m ³	0.33 J; J
DOE-4	1/8/2025	Carbon tetrachloride	—	0.47	0.1	0.71	µg/m ³	0.40 J; J
DOE-4	1/8/2025	Chloromethane	—	94	0.12	0.73	µg/m ³	0.37 J; J
DOE-4	1/8/2025	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m ³	2.3 ;
DOE-4	1/8/2025	Ethyl acetate	—	73	1	2.7	µg/m ³	79 ;
DOE-4	1/8/2025	Methylene chloride	1	—	0.2	0.63	µg/m ³	0.33 J; J
DOE-4	1/8/2025	Toluene	440	—	0.088	0.73	µg/m ³	0.49 J; J
DOE-4	1/8/2025	Trichlorofluoromethane	1300	—	0.11	0.69	µg/m ³	1.1 ;
DOE-1	1/14/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.63	µg/m ³	0.50 J; J
DOE-1	1/14/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.28 J; J
DOE-1	1/14/2025	Carbon tetrachloride	—	0.47	0.1	0.73	µg/m ³	0.39 J; J
DOE-1	1/14/2025	Chloromethane	—	94	0.12	0.76	µg/m ³	0.43 J; J
DOE-1	1/14/2025	Dichlorodifluoromethane	—	100	0.12	0.73	µg/m ³	2.3 ;
DOE-1	1/14/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	19 ;
DOE-1	1/14/2025	Isopropanol	—	210	0.31	1.4	µg/m ³	0.31 J; J
DOE-1	1/14/2025	Methylene chloride	1	—	0.21	0.65	µg/m ³	0.43 J; J
DOE-1	1/14/2025	Toluene	440	—	0.092	0.76	µg/m ³	0.20 J; J
DOE-1	1/14/2025	Trichlorofluoromethane	1300	—	0.11	0.72	µg/m ³	1.1 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	1/14/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.62	µg/m ³	0.53 J; J
DOE-2	1/14/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.76	ug/m3	0.12 J; J
DOE-2	1/14/2025	Benzene	0.097	—	0.11	0.7	µg/m ³	0.26 J; J
DOE-2	1/14/2025	Carbon tetrachloride	—	0.47	0.1	0.72	µg/m ³	0.39 J; J
DOE-2	1/14/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.40 J; J
DOE-2	1/14/2025	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m ³	2.3 ;
DOE-2	1/14/2025	Ethyl acetate	—	73	1	2.8	µg/m ³	13 ;
DOE-2	1/14/2025	Methylene chloride	1	—	0.21	0.63	µg/m ³	0.41 J; J
DOE-2	1/14/2025	Toluene	440	—	0.09	0.75	µg/m ³	0.12 J; J
DOE-2	1/14/2025	Trichlorofluoromethane	1300	—	0.11	0.7	µg/m ³	1.1 ;
DOE-3	1/14/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.48 J; J
DOE-3	1/14/2025	Benzene	0.097	—	0.11	0.73	µg/m ³	0.25 J; J
DOE-3	1/14/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m ³	0.39 J; J
DOE-3	1/14/2025	Chloromethane	—	94	0.12	0.78	µg/m ³	0.42 J; J
DOE-3	1/14/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m ³	2.3 ;
DOE-3	1/14/2025	Ethyl acetate	—	73	1.1	2.9	µg/m ³	5.3 ;
DOE-3	1/14/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.40 J; J
DOE-3	1/14/2025	Toluene	440	—	0.094	0.78	µg/m ³	0.11 J; J
DOE-3	1/14/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m ³	1.1 ;
DOE-4	1/14/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.48 J; J
DOE-4	1/14/2025	Benzene	0.097	—	0.11	0.73	µg/m ³	0.25 J; J
DOE-4	1/14/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m ³	0.37 J; J
DOE-4	1/14/2025	Chloromethane	—	94	0.12	0.78	µg/m ³	0.42 J; J
DOE-4	1/14/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m ³	2.3 ; J
DOE-4	1/14/2025	Ethyl acetate	—	73	1.1	2.9	µg/m ³	2.4 J; J
DOE-4	1/14/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.44 J; J
DOE-4	1/14/2025	Toluene	440	—	0.094	0.78	µg/m ³	0.099 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	1/14/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m ³	1.1 ; J
DOE-1	1/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.51 J;
DOE-1	1/29/2025	1,2-Dichlorotetrafluoroethane		83000	0.12	0.76	ug/m3	0.12 J;
DOE-1	1/29/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	1.1 J;
DOE-1	1/29/2025	4-isopropyltoluene	—	—	0.11	0.73	µg/m ³	0.16 J;
DOE-1	1/29/2025	Acrolein	—	0.021	0.44	1.5	µg/m ³	1.3 J;
DOE-1	1/29/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.55 J;
DOE-1	1/29/2025	Carbon tetrachloride	—	0.47	0.1	0.72	µg/m ³	0.42 J;
DOE-1	1/29/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.36 J;
DOE-1	1/29/2025	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m ³	2.4 ;
DOE-1	1/29/2025	Ethyl acetate	—	73	1.1	2.7	µg/m ³	35 ;
DOE-1	1/29/2025	Hexane, n-	—	730	0.16	0.73	µg/m ³	0.29 J;
DOE-1	1/29/2025	Isopropanol	—	210	0.31	1.5	µg/m ³	1.6 ;
DOE-1	1/29/2025	Methylene chloride	1	—	0.21	0.64	µg/m ³	0.54 J;
DOE-1	1/29/2025	m-xylene & p-xylene	—	100	0.2	1.5	µg/m ³	0.25 J;
DOE-1	1/29/2025	N-heptane	—	420	0.12	0.73	µg/m ³	0.17 J;
DOE-1	1/29/2025	Toluene	440	—	0.092	0.77	µg/m ³	0.86 ;
DOE-1	1/29/2025	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m ³	1.2 ;
DOE-1	1/29/2025	Xylenes, total	—	100	0.2	1.5	µg/m ³	0.25 J;
DOE-2	1/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.50 J;
DOE-2	1/29/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	0.65 J;
DOE-2	1/29/2025	4-isopropyltoluene	—	—	0.12	0.74	µg/m ³	0.13 J;
DOE-2	1/29/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.49 J;
DOE-2	1/29/2025	Carbon disulfide	—	730	0.23	1.5	µg/m ³	0.79 J;
DOE-2	1/29/2025	Carbon tetrachloride	—	0.47	0.11	0.72	µg/m ³	0.42 J;
DOE-2	1/29/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.38 J;
DOE-2	1/29/2025	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m ³	2.5 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	1/29/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	20 ;
DOE-2	1/29/2025	Hexane, n-	—	730	0.16	0.74	µg/m ³	0.26 J;
DOE-2	1/29/2025	Isopropanol	—	210	0.31	1.5	µg/m ³	1.1 J;
DOE-2	1/29/2025	Methylene chloride	1	—	0.21	0.65	µg/m ³	0.42 J;
DOE-2	1/29/2025	m-xylene & p-xylene	—	100	0.2	1.5	µg/m ³	0.23 J;
DOE-2	1/29/2025	N-heptane	—	420	0.12	0.74	µg/m ³	0.17 J;
DOE-2	1/29/2025	Toluene	440	—	0.092	0.77	µg/m ³	0.73 J;
DOE-2	1/29/2025	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m ³	1.2 ;
DOE-2	1/29/2025	Xylenes, total	—	100	0.2	1.5	µg/m ³	0.23 J;
DOE-3	1/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.49 J;
DOE-3	1/29/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	0.71 J;
DOE-3	1/29/2025	4-isopropyltoluene	—	—	0.12	0.74	µg/m ³	0.12 J;
DOE-3	1/29/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.50 J;
DOE-3	1/29/2025	Carbon tetrachloride	—	0.47	0.11	0.72	µg/m ³	0.41 J;
DOE-3	1/29/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.33 J;
DOE-3	1/29/2025	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m ³	2.4 ;
DOE-3	1/29/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	61 ;
DOE-3	1/29/2025	Hexane, n-	—	730	0.16	0.74	µg/m ³	0.26 J;
DOE-3	1/29/2025	Isopropanol	—	210	0.31	1.5	µg/m ³	1.3 J;
DOE-3	1/29/2025	Methylene chloride	1	—	0.21	0.65	µg/m ³	0.42 J;
DOE-3	1/29/2025	m-xylene & p-xylene	—	100	0.2	1.5	µg/m ³	0.23 J;
DOE-3	1/29/2025	N-heptane	—	420	0.12	0.74	µg/m ³	0.13 J;
DOE-3	1/29/2025	Toluene	440	—	0.092	0.77	µg/m ³	0.79 ;
DOE-3	1/29/2025	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m ³	1.2 ;
DOE-3	1/29/2025	Xylenes, total	—	100	0.2	1.5	µg/m ³	0.23 J;
DOE-4	1/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.51 J;
DOE-4	1/29/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.77	ug/m3	0.12 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	1/29/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	0.67 J;
DOE-4	1/29/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.51 J;
DOE-4	1/29/2025	Carbon tetrachloride	—	0.47	0.11	0.72	µg/m ³	0.41 J;
DOE-4	1/29/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.37 J;
DOE-4	1/29/2025	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m ³	2.4 ;
DOE-4	1/29/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	49 ;
DOE-4	1/29/2025	Hexane, n-	—	730	0.16	0.74	µg/m ³	0.27 J;
DOE-4	1/29/2025	Isopropanol	—	210	0.31	1.5	µg/m ³	1.2 J;
DOE-4	1/29/2025	Methylene chloride	1	—	0.21	0.65	µg/m ³	0.42 J;
DOE-4	1/29/2025	m-xylene & p-xylene	—	100	0.2	1.5	µg/m ³	0.22 J;
DOE-4	1/29/2025	N-heptane	—	420	0.12	0.74	µg/m ³	0.14 J;
DOE-4	1/29/2025	Toluene	440	—	0.092	0.77	µg/m ³	0.88 ;
DOE-4	1/29/2025	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m ³	1.2 ;
DOE-4	1/29/2025	Xylenes, total	—	100	0.2	1.5	µg/m ³	0.22 J;
DOE-1	2/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.099	0.6	µg/m ³	0.50 J;
DOE-1	2/13/2025	2-butanone	—	5200	0.31	1.3	µg/m ³	0.41 J;
DOE-1	2/13/2025	Benzene	0.097	—	0.1	0.66	µg/m ³	0.34 J;
DOE-1	2/13/2025	Carbon disulfide	—	730	0.21	1.3	µg/m ³	0.36 J;
DOE-1	2/13/2025	Carbon tetrachloride	—	0.47	0.096	0.66	µg/m ³	0.40 J;
DOE-1	2/13/2025	Chloroform	—	0.12	0.092	0.69	µg/m ³	0.095 J;
DOE-1	2/13/2025	Chloromethane	—	94	0.11	0.69	µg/m ³	0.33 J;
DOE-1	2/13/2025	Dichlorodifluoromethane	—	100	0.11	0.66	µg/m ³	2.4 ;
DOE-1	2/13/2025	Ethyl acetate	—	73	0.99	2.5	µg/m ³	8.9 ;
DOE-1	2/13/2025	Hexane, n-	—	730	0.14	0.68	µg/m ³	0.18 J;
DOE-1	2/13/2025	Isopropanol	—	210	0.29	1.3	µg/m ³	0.81 J;
DOE-1	2/13/2025	Methylene chloride	1	—	0.2	0.59	µg/m ³	0.43 J;
DOE-1	2/13/2025	m-xylene & p-xylene	—	100	0.18	1.4	µg/m ³	0.21 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	2/13/2025	Tetrahydrofuran	—	2100	0.27	1.2	µg/m ³	0.38 J;
DOE-1	2/13/2025	Toluene	440	—	0.085	0.71	µg/m ³	0.41 J;
DOE-1	2/13/2025	Trichlorofluoromethane	1300	—	0.11	0.66	µg/m ³	1.1 ;
DOE-1	2/13/2025	Xylenes, total	—	100	0.18	1.4	µg/m ³	0.21 J;
DOE-2	2/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.62	µg/m ³	0.47 J;
DOE-2	2/13/2025	1,2,4-trimethylbenzene	—	63	0.099	0.7	µg/m ³	0.13 J;
DOE-2	2/13/2025	2-butanone	—	5200	0.32	1.4	µg/m ³	1.7 ;
DOE-2	2/13/2025	4-isopropyltoluene	—	—	0.11	0.7	µg/m ³	0.22 J;
DOE-2	2/13/2025	Acrolein	—	0.021	0.42	1.5	µg/m ³	0.71 J;
DOE-2	2/13/2025	Benzene	0.097	—	0.1	0.68	µg/m ³	0.61 J;
DOE-2	2/13/2025	Carbon disulfide	—	730	0.21	1.4	µg/m ³	24 ;
DOE-2	2/13/2025	Carbon tetrachloride	—	0.47	0.099	0.68	µg/m ³	0.39 J;
DOE-2	2/13/2025	Chloroform	—	0.12	0.095	0.71	µg/m ³	0.096 J;
DOE-2	2/13/2025	Chloromethane	—	94	0.12	0.71	µg/m ³	0.15 J;
DOE-2	2/13/2025	Dichlorodifluoromethane	—	100	0.12	0.68	µg/m ³	2.0 ;
DOE-2	2/13/2025	Ethyl acetate	—	73	1	2.6	µg/m ³	11 ;
DOE-2	2/13/2025	Ethylbenzene	—	1.1	0.1	0.73	µg/m ³	0.12 J;
DOE-2	2/13/2025	Hexane, n-	—	730	0.15	0.7	µg/m ³	0.39 J;
DOE-2	2/13/2025	Isopropanol	—	210	0.29	1.4	µg/m ³	1.2 J;
DOE-2	2/13/2025	Methylene chloride	1	—	0.2	0.61	µg/m ³	0.44 J;
DOE-2	2/13/2025	m-xylene & p-xylene	—	100	0.19	1.4	µg/m ³	0.49 J;
DOE-2	2/13/2025	N-heptane	—	420	0.11	0.7	µg/m ³	0.22 J;
DOE-2	2/13/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.1	0.72	µg/m ³	0.15 J;
DOE-2	2/13/2025	Styrene	940	—	0.12	0.71	µg/m ³	0.23 J;
DOE-2	2/13/2025	Toluene	440	—	0.087	0.73	µg/m ³	1.2 ;
DOE-2	2/13/2025	Trichlorofluoromethane	1300	—	0.11	0.68	µg/m ³	1.1 ;
DOE-2	2/13/2025	Xylenes, total	—	100	0.19	1.4	µg/m ³	0.64 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	2/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.49 J;
DOE-3	2/13/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	0.45 J;
DOE-3	2/13/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.34 J;
DOE-3	2/13/2025	Carbon disulfide	—	730	0.23	1.5	µg/m ³	0.31 J;
DOE-3	2/13/2025	Carbon tetrachloride	—	0.47	0.1	0.72	µg/m ³	0.39 J;
DOE-3	2/13/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.32 J;
DOE-3	2/13/2025	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m ³	2.3 ;
DOE-3	2/13/2025	Ethyl acetate	—	73	1.1	2.7	µg/m ³	5.9 ;
DOE-3	2/13/2025	Hexane, n-	—	730	0.16	0.73	µg/m ³	0.16 J;
DOE-3	2/13/2025	Isopropanol	—	210	0.31	1.5	µg/m ³	0.95 J;
DOE-3	2/13/2025	Methylene chloride	1	—	0.21	0.64	µg/m ³	0.43 J;
DOE-3	2/13/2025	Toluene	440	—	0.092	0.77	µg/m ³	0.38 J;
DOE-3	2/13/2025	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m ³	1.1 ;
DOE-4	2/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m ³	0.48 J;
DOE-4	2/13/2025	Benzene	0.097	—	0.11	0.74	µg/m ³	0.35 J;
DOE-4	2/13/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m ³	0.38 J;
DOE-4	2/13/2025	Chloromethane	—	94	0.13	0.77	µg/m ³	0.29 J;
DOE-4	2/13/2025	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m ³	2.3 ;
DOE-4	2/13/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	3.5 ;
DOE-4	2/13/2025	Isopropanol	—	210	0.32	1.5	µg/m ³	0.57 J;
DOE-4	2/13/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.42 J;
DOE-4	2/13/2025	Toluene	440	—	0.095	0.8	µg/m ³	0.42 J;
DOE-4	2/13/2025	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m ³	1.1 ;
DOE-1	2/26/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	µg/m ³	0.45 J;
DOE-1	2/26/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.48 J;
DOE-1	2/26/2025	Benzene	0.097	—	0.12	0.8	µg/m ³	0.24 J;
DOE-1	2/26/2025	Carbon tetrachloride	—	0.47	0.12	0.8	µg/m ³	0.38 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	2/26/2025	Chloromethane	—	94	0.13	0.83	µg/m ³	0.33 J;
DOE-1	2/26/2025	Dichlorodifluoromethane	—	100	0.14	0.79	µg/m ³	2.0 ;
DOE-1	2/26/2025	Ethyl acetate	—	73	1.2	3	µg/m ³	19 ;
DOE-1	2/26/2025	Isopropanol	—	210	0.34	1.6	µg/m ³	0.52 J;
DOE-1	2/26/2025	Methylene chloride	1	—	0.23	0.71	µg/m ³	0.42 J;
DOE-1	2/26/2025	Toluene	440	—	0.1	0.85	µg/m ³	0.26 J;
DOE-1	2/26/2025	Trichlorofluoromethane	1300	—	0.13	0.79	µg/m ³	1.0 ;
DOE-2	2/26/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m ³	0.47 J;
DOE-2	2/26/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.38 J;
DOE-2	2/26/2025	Benzene	0.097	—	0.11	0.74	µg/m ³	0.21 J;
DOE-2	2/26/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m ³	0.40 J;
DOE-2	2/26/2025	Chloromethane	—	94	0.12	0.77	µg/m ³	0.31 J;
DOE-2	2/26/2025	Dichlorodifluoromethane	—	100	0.13	0.73	µg/m ³	2.1 ;
DOE-2	2/26/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	9.1 ;
DOE-2	2/26/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.34 J;
DOE-2	2/26/2025	Tetrachloroethene	0.46	—	0.1	0.78	µg/m ³	0.19 J;
DOE-2	2/26/2025	Toluene	440	—	0.094	0.79	µg/m ³	0.20 J;
DOE-2	2/26/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m ³	1.1 ;
DOE-3	2/26/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	µg/m ³	0.49 J;
DOE-3	2/26/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.65 J;
DOE-3	2/26/2025	Benzene	0.097	—	0.12	0.78	µg/m ³	0.23 J;
DOE-3	2/26/2025	Carbon tetrachloride	—	0.47	0.11	0.78	µg/m ³	0.41 J;
DOE-3	2/26/2025	Chloromethane	—	94	0.13	0.81	µg/m ³	0.35 J;
DOE-3	2/26/2025	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m ³	2.2 ;
DOE-3	2/26/2025	Ethyl acetate	—	73	1.2	3	µg/m ³	9.9 ;
DOE-3	2/26/2025	Methylene chloride	1	—	0.23	0.7	µg/m ³	0.37 J;
DOE-3	2/26/2025	Toluene	440	—	0.099	0.83	µg/m ³	0.19 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	2/26/2025	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m ³	1.1 ;
DOE-4	2/26/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	µg/m ³	0.47 J;
DOE-4	2/26/2025	2-butanone	—	5200	0.36	1.6	µg/m ³	0.40 J;
DOE-4	2/26/2025	Acrylonitrile	—	0.041	0.38	1.6	µg/m ³	5.4 ;
DOE-4	2/26/2025	Benzene	0.097	—	0.12	0.78	µg/m ³	0.21 J;
DOE-4	2/26/2025	Carbon tetrachloride	—	0.47	0.11	0.78	µg/m ³	0.40 J;
DOE-4	2/26/2025	Chloromethane	—	94	0.13	0.81	µg/m ³	0.34 J;
DOE-4	2/26/2025	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m ³	2.1 ;
DOE-4	2/26/2025	Ethyl acetate	—	73	1.2	3	µg/m ³	6.8 ;
DOE-4	2/26/2025	Methylene chloride	1	—	0.23	0.69	µg/m ³	0.34 J;
DOE-4	2/26/2025	Toluene	440	—	0.099	0.83	µg/m ³	0.18 J;
DOE-4	2/26/2025	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m ³	1.1 ;
DOE-1	3/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.62	µg/m ³	0.51 J;
DOE-1	3/13/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.11	0.73	ug/m3	0.12 J;
DOE-1	3/13/2025	1,2-Dichloroethane	—	0.11	0.08	0.68	µg/m ³	0.084 J;
DOE-1	3/13/2025	Benzene	0.097	—	0.1	0.69	µg/m ³	0.38 J;
DOE-1	3/13/2025	Carbon disulfide	—	730	0.22	1.4	µg/m ³	0.22 J;
DOE-1	3/13/2025	Carbon tetrachloride	—	0.47	0.1	0.69	µg/m ³	0.40 J;
DOE-1	3/13/2025	Chloromethane	—	94	0.12	0.72	µg/m ³	0.39 J;
DOE-1	3/13/2025	Dichlorodifluoromethane	—	100	0.12	0.68	µg/m ³	2.1 ;
DOE-1	3/13/2025	Ethyl acetate	—	73	1	2.6	µg/m ³	39 ;
DOE-1	3/13/2025	Methylene chloride	1	—	0.2	0.61	µg/m ³	0.40 J;
DOE-1	3/13/2025	Tetrahydrofuran	—	2100	0.28	1.3	µg/m ³	1.2 J;
DOE-1	3/13/2025	Toluene	440	—	0.088	0.74	µg/m ³	0.61 J;
DOE-1	3/13/2025	Trichlorofluoromethane	1300	—	0.11	0.68	µg/m ³	1.2 ;
DOE-2	3/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m ³	0.53 J;
DOE-2	3/13/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.77	ug/m3	0.12 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	3/13/2025	1,2,4-trimethylbenzene	—	63	0.11	0.75	µg/m ³	1.5 ;
DOE-2	3/13/2025	1,3,5-trimethylbenzene	—	63	0.11	0.77	µg/m ³	0.24 J;
DOE-2	3/13/2025	2-butanone	—	5200	0.34	1.4	µg/m ³	0.87 J;
DOE-2	3/13/2025	4-ethyltoluene	—		0.12	0.74	µg/m ³	0.52 J;
DOE-2	3/13/2025	4-methyl-2-pentanone	—	3100	0.27	1.5	µg/m ³	3.3 ;
DOE-2	3/13/2025	Benzene	0.097	—	0.11	0.72	µg/m ³	0.33 J;
DOE-2	3/13/2025	Carbon tetrachloride	—	0.47	0.11	0.72	µg/m ³	0.39 J;
DOE-2	3/13/2025	Chloromethane	—	94	0.12	0.75	µg/m ³	0.38 J;
DOE-2	3/13/2025	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m ³	2.1 ;
DOE-2	3/13/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	12 ;
DOE-2	3/13/2025	Ethylbenzene	—	1.1	0.11	0.77	µg/m ³	0.12 J;
DOE-2	3/13/2025	Isopropanol	—	210	0.31	1.5	µg/m ³	0.33 J;
DOE-2	3/13/2025	Isopropylbenzene	—	420	0.11	0.75	µg/m ³	0.42 J;
DOE-2	3/13/2025	Methylene chloride	1	—	0.21	0.65	µg/m ³	0.51 J;
DOE-2	3/13/2025	m-xylene & p-xylene	—	100	0.2	1.5	µg/m ³	0.60 J;
DOE-2	3/13/2025	N-propylbenzene	—	1000	0.11	0.74	µg/m ³	0.29 J;
DOE-2	3/13/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.11	0.77	µg/m ³	0.43 J;
DOE-2	3/13/2025	Toluene	440	—	0.092	0.77	µg/m ³	0.78 ;
DOE-2	3/13/2025	Trichloroethene	—	0.48	0.1	0.75	µg/m ³	0.14 J;
DOE-2	3/13/2025	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m ³	1.3 ;
DOE-2	3/13/2025	Xylenes, total	—	100	0.2	1.5	µg/m ³	1.0 J;
DOE-3	3/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.098	0.59	µg/m ³	0.53 J;
DOE-3	3/13/2025	1,2-Dichlorotetrafluoroethane		83000	0.11	0.7	ug/m3	0.12 J;
DOE-3	3/13/2025	1,2,4-trimethylbenzene	—	63	0.095	0.68	µg/m ³	0.21 J;
DOE-3	3/13/2025	1,2-Dichloroethane	—	0.11	0.076	0.65	µg/m ³	0.081 J;
DOE-3	3/13/2025	2-butanone	—	5200	0.31	1.3	µg/m ³	0.36 J;
DOE-3	3/13/2025	Benzene	0.097	—	0.099	0.66	µg/m ³	1.2 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	3/13/2025	Carbon tetrachloride	—	0.47	0.095	0.66	µg/m ³	0.42 J;
DOE-3	3/13/2025	Chloromethane	—	94	0.11	0.68	µg/m ³	0.42 J;
DOE-3	3/13/2025	Dichlorodifluoromethane	—	100	0.11	0.65	µg/m ³	2.1 ;
DOE-3	3/13/2025	Ethyl acetate	—	73	0.98	2.5	µg/m ³	8.7 ;
DOE-3	3/13/2025	Isopropylbenzene	—	420	0.099	0.68	µg/m ³	0.17 J;
DOE-3	3/13/2025	Methylene chloride	1	—	0.19	0.59	µg/m ³	0.43 J;
DOE-3	3/13/2025	Naphthalene	—	0.083	0.17	1.4	µg/m ³	0.22 J;
DOE-3	3/13/2025	Toluene	440	—	0.084	0.7	µg/m ³	0.20 J;
DOE-3	3/13/2025	Trichloroethene	—	0.48	0.093	0.68	µg/m ³	0.11 J;
DOE-3	3/13/2025	Trichlorofluoromethane	1300	—	0.1	0.65	µg/m ³	1.3 ;
DOE-4	3/13/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.63	µg/m ³	0.51 J;
DOE-4	3/13/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.74	ug/m3	0.12 J;
DOE-4	3/13/2025	Benzene	0.097	—	0.11	0.7	µg/m ³	0.35 J;
DOE-4	3/13/2025	Carbon tetrachloride	—	0.47	0.1	0.7	µg/m ³	0.42 J;
DOE-4	3/13/2025	Chloromethane	—	94	0.12	0.73	µg/m ³	0.44 J;
DOE-4	3/13/2025	Dichlorodifluoromethane	—	100	0.12	0.69	µg/m ³	2.2 ;
DOE-4	3/13/2025	Ethyl acetate	—	73	1	2.7	µg/m ³	11 ;
DOE-4	3/13/2025	Isopropanol	—	210	0.3	1.4	µg/m ³	0.32 J;
DOE-4	3/13/2025	Methylene chloride	1	—	0.21	0.62	µg/m ³	0.42 J;
DOE-4	3/13/2025	Toluene	440	—	0.089	0.75	µg/m ³	0.20 J;
DOE-4	3/13/2025	Trichlorofluoromethane	1300	—	0.11	0.69	µg/m ³	1.3 ;
DOE-1	3/28/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m ³	0.49 J;
DOE-1	3/28/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.98 J;
DOE-1	3/28/2025	Benzene	0.097	—	0.11	0.74	µg/m ³	0.19 J;
DOE-1	3/28/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m ³	0.37 J;
DOE-1	3/28/2025	Chloromethane	—	94	0.12	0.77	µg/m ³	0.28 J;
DOE-1	3/28/2025	Dichlorodifluoromethane	—	100	0.13	0.73	µg/m ³	2.3 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	3/28/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	8.6 ;
DOE-1	3/28/2025	Isopropanol	—	210	0.32	1.5	µg/m ³	1.1 J;
DOE-1	3/28/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.44 J;
DOE-1	3/28/2025	Toluene	440	—	0.094	0.79	µg/m ³	0.29 J;
DOE-1	3/28/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m ³	1.2 ;
DOE-2	3/28/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.63	µg/m ³	0.46 J;
DOE-2	3/28/2025	1,2-Dichlorotetrafluoroethane		83000	0.11	0.73	ug/m3	0.11 J;
DOE-2	3/28/2025	Benzene	0.097	—	0.1	0.69	µg/m ³	0.19 J;
DOE-2	3/28/2025	Carbon tetrachloride	—	0.47	0.1	0.69	µg/m ³	0.37 J;
DOE-2	3/28/2025	Chloromethane	—	94	0.12	0.72	µg/m ³	0.27 J;
DOE-2	3/28/2025	Dichlorodifluoromethane	—	100	0.12	0.69	µg/m ³	2.1 ;
DOE-2	3/28/2025	Ethyl acetate	—	73	1	2.7	µg/m ³	6.9 ;
DOE-2	3/28/2025	Isopropanol	—	210	0.3	1.4	µg/m ³	0.95 J;
DOE-2	3/28/2025	Methylene chloride	1	—	0.2	0.62	µg/m ³	1.0 ;
DOE-2	3/28/2025	Toluene	440	—	0.088	0.74	µg/m ³	0.20 J;
DOE-2	3/28/2025	Trichlorofluoromethane	1300	—	0.11	0.69	µg/m ³	1.1 ;
DOE-3	3/28/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.64	µg/m ³	0.49 J;
DOE-3	3/28/2025	1,2-Dichlorotetrafluoroethane		83000	0.12	0.76	ug/m3	0.12 J;
DOE-3	3/28/2025	Benzene	0.097	—	0.11	0.71	µg/m ³	0.16 J;
DOE-3	3/28/2025	Carbon tetrachloride	—	0.47	0.1	0.71	µg/m ³	0.40 J;
DOE-3	3/28/2025	Chloromethane	—	94	0.12	0.74	µg/m ³	0.27 J;
DOE-3	3/28/2025	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m ³	2.3 ;
DOE-3	3/28/2025	Ethyl acetate	—	73	1.1	2.7	µg/m ³	5.8 ;
DOE-3	3/28/2025	Isopropanol	—	210	0.31	1.4	µg/m ³	0.96 J;
DOE-3	3/28/2025	Methylene chloride	1	—	0.21	0.64	µg/m ³	0.42 J;
DOE-3	3/28/2025	Toluene	440	—	0.091	0.76	µg/m ³	0.17 J;
DOE-3	3/28/2025	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m ³	1.2 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	3/28/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m ³	0.51 J;
DOE-4	3/28/2025	Benzene	0.097	—	0.11	0.75	µg/m ³	0.18 J;
DOE-4	3/28/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m ³	0.41 J;
DOE-4	3/28/2025	Chloromethane	—	94	0.13	0.78	µg/m ³	0.30 J;
DOE-4	3/28/2025	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m ³	2.3 ;
DOE-4	3/28/2025	Ethyl acetate	—	73	1.1	2.9	µg/m ³	5.6 ;
DOE-4	3/28/2025	Isopropanol	—	210	0.32	1.5	µg/m ³	0.83 J;
DOE-4	3/28/2025	Methylene chloride	1	—	0.22	0.67	µg/m ³	0.44 J;
DOE-4	3/28/2025	Tetrahydrofuran	—	2100	0.31	1.4	µg/m ³	1.3 J;
DOE-4	3/28/2025	Toluene	440	—	0.096	0.8	µg/m ³	0.18 J;
DOE-4	3/28/2025	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m ³	1.2 ;
DOE-1	4/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m ³	0.51 J; J
DOE-1	4/10/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.78	µg/m ³	0.12 J; J
DOE-1	4/10/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.89 J; J
DOE-1	4/10/2025	Benzene	0.097	—	0.11	0.74	µg/m ³	0.34 J; J
DOE-1	4/10/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m ³	0.40 J; J
DOE-1	4/10/2025	Chloromethane	—	94	0.12	0.77	µg/m ³	0.23 J; J
DOE-1	4/10/2025	Dichlorodifluoromethane	—	100	0.13	0.73	µg/m ³	2.2 ;
DOE-1	4/10/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	4.0 ;
DOE-1	4/10/2025	Isopropanol	—	210	0.32	1.5	µg/m ³	0.66 J; J
DOE-1	4/10/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.34 J; J
DOE-1	4/10/2025	Toluene	310	—	0.094	0.79	µg/m ³	0.52 J; J
DOE-1	4/10/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m ³	1.1 ;
DOE-2	4/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	µg/m ³	0.51 J; J
DOE-2	4/10/2025	2-butanone	—	5200	0.38	1.6	µg/m ³	0.76 J; J
DOE-2	4/10/2025	Benzene	0.097	—	0.12	0.81	µg/m ³	0.31 J; J
DOE-2	4/10/2025	Carbon tetrachloride	—	0.47	0.12	0.81	µg/m ³	0.42 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	4/10/2025	Chloromethane	—	94	0.14	0.84	µg/m ³	0.24 J; J
DOE-2	4/10/2025	Dichlorodifluoromethane	—	100	0.14	0.8	µg/m ³	2.1 ;
DOE-2	4/10/2025	Ethyl acetate	—	73	1.2	3.1	µg/m ³	2.5 J; J
DOE-2	4/10/2025	Isopropanol	—	210	0.35	1.6	µg/m ³	0.62 J; J
DOE-2	4/10/2025	Methylene chloride	1	—	0.24	0.72	µg/m ³	0.35 J; J
DOE-2	4/10/2025	Toluene	310	—	0.1	0.87	µg/m ³	0.51 J; J
DOE-2	4/10/2025	Trichlorofluoromethane	1300	—	0.13	0.8	µg/m ³	1.1 ;
DOE-3	4/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.63	µg/m ³	0.51 J; J
DOE-3	4/10/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.11	0.73	µg/m ³	0.12 J; J
DOE-3	4/10/2025	2-butanone	—	5200	0.33	1.4	µg/m ³	0.89 J; J
DOE-3	4/10/2025	Benzene	0.097	—	0.1	0.69	µg/m ³	0.63 J; J
DOE-3	4/10/2025	Carbon disulfide	—	730	0.22	1.4	µg/m ³	0.22 J; J
DOE-3	4/10/2025	Carbon tetrachloride	—	0.47	0.1	0.69	µg/m ³	0.43 J; J
DOE-3	4/10/2025	Chloroform	—	0.12	0.097	0.72	µg/m ³	0.10 J; J
DOE-3	4/10/2025	Chloromethane	—	94	0.12	0.72	µg/m ³	0.19 J; J
DOE-3	4/10/2025	Dichlorodifluoromethane	—	100	0.12	0.69	µg/m ³	2.1 ;
DOE-3	4/10/2025	Ethyl acetate	—	73	1	2.7	µg/m ³	8.9 ;
DOE-3	4/10/2025	Isopropanol	—	210	0.3	1.4	µg/m ³	2.6 ;
DOE-3	4/10/2025	Methylene chloride	1	—	0.2	0.62	µg/m ³	0.87 ;
DOE-3	4/10/2025	Toluene	310	—	0.088	0.74	µg/m ³	0.76 ;
DOE-3	4/10/2025	Trichlorofluoromethane	1300	—	0.11	0.69	µg/m ³	1.1 ;
DOE-4	4/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m ³	0.49 J; J
DOE-4	4/10/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.79	µg/m ³	0.12 J; J
DOE-4	4/10/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.74 J; J
DOE-4	4/10/2025	Benzene	0.097	—	0.11	0.75	µg/m ³	0.28 J; J
DOE-4	4/10/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m ³	0.42 J; J
DOE-4	4/10/2025	Chloromethane	—	94	0.13	0.78	µg/m ³	0.19 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	4/10/2025	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m ³	2.1 ;
DOE-4	4/10/2025	Isopropanol	—	210	0.32	1.5	µg/m ³	0.41 J; J
DOE-4	4/10/2025	Methylene chloride	1	—	0.22	0.67	µg/m ³	0.35 J; J
DOE-4	4/10/2025	Toluene	310	—	0.096	0.8	µg/m ³	0.46 J; J
DOE-4	4/10/2025	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m ³	1.1 ;
DOE-1	4/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	µg/m ³	0.45 J; J
DOE-1	4/23/2025	2-butanone	—	5200	0.39	1.7	µg/m ³	0.42 J; J
DOE-1	4/23/2025	Benzene	0.097	—	0.13	0.83	µg/m ³	0.34 J; J
DOE-1	4/23/2025	Carbon tetrachloride	—	0.47	0.12	0.83	µg/m ³	0.39 J; J
DOE-1	4/23/2025	Chloromethane	—	94	0.14	0.86	µg/m ³	0.88 ;
DOE-1	4/23/2025	Dichlorodifluoromethane	—	100	0.14	0.82	µg/m ³	2.4 ;
DOE-1	4/23/2025	Ethyl acetate	—	73	1.2	3.2	µg/m ³	3.5 ; J+
DOE-1	4/23/2025	Isopropanol	—	210	0.36	1.7	µg/m ³	0.56 J; J
DOE-1	4/23/2025	Methylene chloride	1	—	0.24	0.74	µg/m ³	0.43 J; J
DOE-1	4/23/2025	Toluene	310	—	0.11	0.89	µg/m ³	0.30 J; J
DOE-1	4/23/2025	Trichlorofluoromethane	1300	—	0.13	0.82	µg/m ³	1.2 ;
DOE-2	4/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.13	0.78	µg/m ³	0.45 J; J
DOE-2	4/23/2025	2-butanone	—	5200	0.41	1.7	µg/m ³	0.56 J; J
DOE-2	4/23/2025	Acrylonitrile	—	0.041	0.42	1.8	µg/m ³	2.3 ;
DOE-2	4/23/2025	Benzene	0.097	—	0.13	0.86	µg/m ³	0.29 J; J
DOE-2	4/23/2025	Carbon tetrachloride	—	0.47	0.13	0.86	µg/m ³	0.39 J; J
DOE-2	4/23/2025	Chloromethane	—	94	0.15	0.9	µg/m ³	0.90 ;
DOE-2	4/23/2025	Dichlorodifluoromethane	—	100	0.15	0.85	µg/m ³	2.5 ;
DOE-2	4/23/2025	Ethyl acetate	—	73	1.3	3.3	µg/m ³	2.4 J; J+
DOE-2	4/23/2025	Methylene chloride	1	—	0.25	0.77	µg/m ³	0.45 J; J
DOE-2	4/23/2025	Toluene	310	—	0.11	0.92	µg/m ³	0.24 J; J
DOE-2	4/23/2025	Trichlorofluoromethane	1300	—	0.14	0.85	µg/m ³	1.2 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	4/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m ³	0.46 J; J
DOE-3	4/23/2025	2-butanone	—	5200	0.36	1.5	µg/m ³	0.45 J; J
DOE-3	4/23/2025	Benzene	0.097	—	0.12	0.77	µg/m ³	0.24 J; J
DOE-3	4/23/2025	Carbon tetrachloride	—	0.47	0.11	0.77	µg/m ³	0.38 J; J
DOE-3	4/23/2025	Chloromethane	—	94	0.13	0.8	µg/m ³	0.89 ;
DOE-3	4/23/2025	Dichlorodifluoromethane	—	100	0.13	0.76	µg/m ³	2.5 ;
DOE-3	4/23/2025	Ethyl acetate	—	73	1.1	2.9	µg/m ³	3.5 ; J+
DOE-3	4/23/2025	Methylene chloride	1	—	0.23	0.69	µg/m ³	0.40 J; J
DOE-3	4/23/2025	Toluene	310	—	0.098	0.82	µg/m ³	0.21 J; J
DOE-3	4/23/2025	Trichlorofluoromethane	1300	—	0.12	0.76	µg/m ³	1.2 ;
DOE-4	4/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m ³	0.45 J; J
DOE-4	4/23/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.67 J; J
DOE-4	4/23/2025	Benzene	0.097	—	0.11	0.74	µg/m ³	0.25 J; J
DOE-4	4/23/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m ³	0.38 J; J
DOE-4	4/23/2025	Chloromethane	—	94	0.13	0.77	µg/m ³	0.88 ;
DOE-4	4/23/2025	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m ³	2.3 ;
DOE-4	4/23/2025	Ethyl acetate	—	73	1.1	2.8	µg/m ³	2.1 J; J+
DOE-4	4/23/2025	Isopropanol	—	210	0.32	1.5	µg/m ³	0.60 J; J
DOE-4	4/23/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.39 J; J
DOE-4	4/23/2025	Toluene	310	—	0.095	0.8	µg/m ³	0.22 J; J
DOE-4	4/23/2025	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m ³	1.2 ;
DOE-1	5/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m ³	0.48 J;
DOE-1	5/6/2025	2-butanone	—	5200	0.36	1.5	µg/m ³	0.70 J;
DOE-1	5/6/2025	Carbon tetrachloride	—	0.47	0.11	0.77	µg/m ³	0.38 J;
DOE-1	5/6/2025	Chloromethane	—	94	0.13	0.8	µg/m ³	0.91 ;
DOE-1	5/6/2025	Dichlorodifluoromethane	—	100	0.13	0.76	µg/m ³	2.7 ;
DOE-1	5/6/2025	Ethyl acetate	—	73	0.26	2.9	µg/m ³	5.7 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	5/6/2025	Methylene chloride	1	—	0.23	0.69	µg/m ³	0.42 J;
DOE-1	5/6/2025	Tetrahydrofuran	—	2100	0.32	1.4	µg/m ³	0.81 J;
DOE-1	5/6/2025	Toluene	310	—	0.098	0.82	µg/m ³	0.21 J;
DOE-1	5/6/2025	Trichlorofluoromethane	1300	—	0.12	0.76	µg/m ³	1.2 ;
DOE-2	5/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m ³	0.47 J;
DOE-2	5/6/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.40 J;
DOE-2	5/6/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m ³	0.42 J;
DOE-2	5/6/2025	Chloromethane	—	94	0.13	0.78	µg/m ³	0.98 ;
DOE-2	5/6/2025	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m ³	2.7 ;
DOE-2	5/6/2025	Ethyl acetate	—	73	0.25	2.9	µg/m ³	3.8 ;
DOE-2	5/6/2025	Methylene chloride	1	—	0.22	0.67	µg/m ³	0.45 J;
DOE-2	5/6/2025	Toluene	310	—	0.096	0.8	µg/m ³	0.22 J;
DOE-2	5/6/2025	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m ³	1.2 ;
DOE-3	5/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m ³	0.49 J;
DOE-3	5/6/2025	2-butanone	—	5200	0.36	1.5	µg/m ³	0.62 J;
DOE-3	5/6/2025	Carbon tetrachloride	—	0.47	0.11	0.76	µg/m ³	0.41 J;
DOE-3	5/6/2025	Chloromethane	—	94	0.13	0.79	µg/m ³	0.95 ;
DOE-3	5/6/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m ³	2.6 ;
DOE-3	5/6/2025	Ethyl acetate	—	73	0.25	2.9	µg/m ³	0.84 J;
DOE-3	5/6/2025	Methylene chloride	1	—	0.22	0.68	µg/m ³	0.43 J;
DOE-3	5/6/2025	Toluene	310	—	0.097	0.81	µg/m ³	0.18 J;
DOE-3	5/6/2025	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m ³	1.2 ;
DOE-4	5/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m ³	0.48 J;
DOE-4	5/6/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.38 J;
DOE-4	5/6/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m ³	0.42 J;
DOE-4	5/6/2025	Chloromethane	—	94	0.13	0.82	µg/m ³	1.0 ;
DOE-4	5/6/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m ³	2.8 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	5/6/2025	Ethyl acetate	—	73	0.26	3	µg/m ³	1.0 J;
DOE-4	5/6/2025	Methylene chloride	1	—	0.23	0.71	µg/m ³	0.45 J;
DOE-4	5/6/2025	Toluene	310	—	0.1	0.84	µg/m ³	0.20 J;
DOE-4	5/6/2025	Trichlorofluoromethane	1300	—	0.13	0.78	µg/m ³	1.2 ;
DOE-1	5/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m ³	0.53 J;
DOE-1	5/21/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.13	0.8	µg/m ³	0.17 J;
DOE-1	5/21/2025	2-butanone	—	5200	0.36	1.5	µg/m ³	0.88 J;
DOE-1	5/21/2025	Carbon disulfide	—	730	0.24	1.5	µg/m ³	3.0 ;
DOE-1	5/21/2025	Carbon tetrachloride	—	0.47	0.11	0.76	µg/m ³	0.42 J;
DOE-1	5/21/2025	Chloroform	—	0.12	0.11	0.79	µg/m ³	0.11 J;
DOE-1	5/21/2025	Chloromethane	—	94	0.13	0.79	µg/m ³	0.28 J;
DOE-1	5/21/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m ³	1.8 ;
DOE-1	5/21/2025	Ethyl acetate	—	73	0.25	2.9	µg/m ³	20 ;
DOE-1	5/21/2025	Methylene chloride	1	—	0.22	0.68	µg/m ³	0.55 J;
DOE-1	5/21/2025	Toluene	310	—	0.097	0.81	µg/m ³	0.75 J;
DOE-1	5/21/2025	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m ³	1.3 ;
DOE-1	5/21/2025	Vinyl acetate	—	210	1.8	7.9	µg/m ³	2.4 J;
DOE-2	5/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m ³	0.57 J;
DOE-2	5/21/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.13	0.83	µg/m ³	0.14 J;
DOE-2	5/21/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.61 J;
DOE-2	5/21/2025	Carbon disulfide	—	730	0.25	1.6	µg/m ³	1.0 J;
DOE-2	5/21/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m ³	0.44 J;
DOE-2	5/21/2025	Chloromethane	—	94	0.13	0.82	µg/m ³	0.30 J;
DOE-2	5/21/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m ³	1.8 ;
DOE-2	5/21/2025	Ethyl acetate	—	73	0.26	3	µg/m ³	74 ;
DOE-2	5/21/2025	Methylene chloride	1	—	0.23	0.7	µg/m ³	0.45 J;
DOE-2	5/21/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.12	0.83	µg/m ³	0.63 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	5/21/2025	Tetrahydrofuran	—	2100	0.32	1.5	µg/m ³	0.89 J;
DOE-2	5/21/2025	Toluene	310	—	0.1	0.84	µg/m ³	1.4 ;
DOE-2	5/21/2025	Trichlorofluoromethane	1300	—	0.12	0.78	µg/m ³	1.3 ;
DOE-2	5/21/2025	Xylenes, total	—	100	0.22	1.6	µg/m ³	0.78 J;
DOE-3	5/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m ³	0.56 J;
DOE-3	5/21/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.13	0.83	µg/m ³	0.13 J;
DOE-3	5/21/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.59 J;
DOE-3	5/21/2025	Carbon disulfide	—	730	0.25	1.6	µg/m ³	1.6 ;
DOE-3	5/21/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m ³	0.42 J;
DOE-3	5/21/2025	Chloromethane	—	94	0.13	0.82	µg/m ³	0.37 J;
DOE-3	5/21/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m ³	1.8 ;
DOE-3	5/21/2025	Ethyl acetate	—	73	0.26	3	µg/m ³	12 ;
DOE-3	5/21/2025	Methylene chloride	1	—	0.23	0.7	µg/m ³	0.41 J;
DOE-3	5/21/2025	Toluene	310	—	0.1	0.84	µg/m ³	0.44 J;
DOE-3	5/21/2025	Trichlorofluoromethane	1300	—	0.12	0.78	µg/m ³	1.3 ;
DOE-4	5/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m ³	0.49 J;
DOE-4	5/21/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.14	0.87	µg/m ³	0.15 J;
DOE-4	5/21/2025	2-butanone	—	5200	0.39	1.6	µg/m ³	0.57 J;
DOE-4	5/21/2025	Carbon disulfide	—	730	0.26	1.7	µg/m ³	0.86 J;
DOE-4	5/21/2025	Carbon tetrachloride	—	0.47	0.12	0.82	µg/m ³	0.45 J;
DOE-4	5/21/2025	Chloromethane	—	94	0.14	0.85	µg/m ³	0.41 J;
DOE-4	5/21/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m ³	1.9 ;
DOE-4	5/21/2025	Ethyl acetate	—	73	0.27	3.1	µg/m ³	14 ;
DOE-4	5/21/2025	Methylene chloride	1	—	0.24	0.73	µg/m ³	0.40 J;
DOE-4	5/21/2025	Toluene	310	—	0.1	0.88	µg/m ³	0.47 J;
DOE-4	5/21/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m ³	1.3 ;
DOE-1	6/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m ³	0.59 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	6/6/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.13	0.8	µg/m ³	0.13 J;
DOE-1	6/6/2025	2-butanone	—	5200	0.36	1.5	µg/m ³	0.54 J;
DOE-1	6/6/2025	Carbon disulfide	—	730	0.24	1.5	µg/m ³	0.29 J;
DOE-1	6/6/2025	Carbon tetrachloride	—	0.47	0.11	0.76	µg/m ³	0.39 J;
DOE-1	6/6/2025	Chloroform	—	0.12	0.11	0.79	µg/m ³	0.12 J;
DOE-1	6/6/2025	Chloromethane	—	94	0.13	0.79	µg/m ³	0.35 J;
DOE-1	6/6/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m ³	1.4 ;
DOE-1	6/6/2025	Ethyl acetate	—	73	0.25	2.9	µg/m ³	6.8 ;
DOE-1	6/6/2025	Methylene chloride	1	—	0.22	0.68	µg/m ³	0.41 J;
DOE-1	6/6/2025	Tetrahydrofuran	—	2100	0.31	1.4	µg/m ³	0.66 J;
DOE-1	6/6/2025	Toluene	310	—	0.097	0.81	µg/m ³	0.52 J;
DOE-1	6/6/2025	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m ³	1.2 ;
DOE-1	6/6/2025	Vinyl acetate	—	210	1.8	7.9	µg/m ³	1.8 J;
DOE-2	6/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m ³	0.58 J;
DOE-2	6/6/2025	1,2-Dichlorotetrafluoroethane	—	83000	0.12	0.79	µg/m ³	0.12 J;
DOE-2	6/6/2025	2-butanone	—	5200	0.35	1.5	µg/m ³	0.55 J;
DOE-2	6/6/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m ³	0.41 J;
DOE-2	6/6/2025	Chloroform	—	0.12	0.1	0.77	µg/m ³	0.14 J;
DOE-2	6/6/2025	Chloromethane	—	94	0.13	0.77	µg/m ³	0.40 J;
DOE-2	6/6/2025	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m ³	1.4 ;
DOE-2	6/6/2025	Ethyl acetate	—	73	0.25	2.8	µg/m ³	6.7 ;
DOE-2	6/6/2025	Methylene chloride	1	—	0.22	0.66	µg/m ³	0.41 J;
DOE-2	6/6/2025	Tetrachloroethene	0.46	—	0.1	0.78	µg/m ³	0.52 J;
DOE-2	6/6/2025	Toluene	310	—	0.095	0.8	µg/m ³	0.47 J;
DOE-2	6/6/2025	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m ³	1.3 ;
DOE-3	6/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	µg/m ³	0.60 J;
DOE-3	6/6/2025	2-butanone	—	5200	0.36	1.6	µg/m ³	0.45 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	6/6/2025	Carbon tetrachloride	—	0.47	0.11	0.78	µg/m ³	0.39 J;
DOE-3	6/6/2025	Chloroform	—	0.12	0.11	0.81	µg/m ³	0.14 J;
DOE-3	6/6/2025	Chloromethane	—	94	0.13	0.81	µg/m ³	0.42 J;
DOE-3	6/6/2025	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m ³	1.4 ;
DOE-3	6/6/2025	Ethyl acetate	—	73	0.26	3	µg/m ³	7.2 ;
DOE-3	6/6/2025	Methylene chloride	1	—	0.23	0.69	µg/m ³	0.42 J;
DOE-3	6/6/2025	Toluene	310	—	0.099	0.83	µg/m ³	0.44 J;
DOE-3	6/6/2025	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m ³	1.3 ;
DOE-4	6/6/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m ³	0.54 J;
DOE-4	6/6/2025	2-butanone	—	5200	0.39	1.6	µg/m ³	0.63 J;
DOE-4	6/6/2025	Carbon tetrachloride	—	0.47	0.12	0.82	µg/m ³	0.39 J;
DOE-4	6/6/2025	Chloroform	—	0.12	0.11	0.85	µg/m ³	0.12 J;
DOE-4	6/6/2025	Chloromethane	—	94	0.14	0.85	µg/m ³	0.37 J;
DOE-4	6/6/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m ³	1.3 ;
DOE-4	6/6/2025	Ethyl acetate	—	73	0.27	3.1	µg/m ³	4.1 ;
DOE-4	6/6/2025	Isopropylbenzene	—	420	0.12	0.85	µg/m ³	1.6 ;
DOE-4	6/6/2025	Methylene chloride	1	—	0.24	0.73	µg/m ³	0.41 J;
DOE-4	6/6/2025	Toluene	310	—	0.1	0.88	µg/m ³	0.81 J;
DOE-4	6/6/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m ³	1.2 ;
DOE-1	6/18/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	µg/m ³	0.45 J;
DOE-1	6/18/2025	2-butanone	—	5200	0.38	1.6	µg/m ³	0.66 J;
DOE-1	6/18/2025	4-isopropyltoluene	—		0.13	0.83	µg/m ³	0.33 J;
DOE-1	6/18/2025	Carbon disulfide	—	730	0.25	1.6	µg/m ³	2.5 ;
DOE-1	6/18/2025	Carbon tetrachloride	—	0.47	0.12	0.81	µg/m ³	0.34 J;
DOE-1	6/18/2025	Chloromethane	—	94	0.14	0.84	µg/m ³	0.57 J;
DOE-1	6/18/2025	Dichlorodifluoromethane	—	100	0.14	0.8	µg/m ³	2.2 ;
DOE-1	6/18/2025	Ethyl acetate	—	73	0.27	3.1	µg/m ³	45 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	6/18/2025	Hexane, n-	—	730	0.17	0.83	µg/m ³	0.21 J;
DOE-1	6/18/2025	Methylene chloride	1	—	0.24	0.72	µg/m ³	0.37 J;
DOE-1	6/18/2025	Tetrahydrofuran	—	2100	0.33	1.5	µg/m ³	1.5 ;
DOE-1	6/18/2025	Toluene	310	—	0.1	0.87	µg/m ³	0.74 J;
DOE-1	6/18/2025	Trichlorofluoromethane	1300	—	0.13	0.8	µg/m ³	1.0 ;
DOE-2	6/18/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	µg/m ³	0.44 J;
DOE-2	6/18/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.71 J;
DOE-2	6/18/2025	Benzene	0.097	—	0.44	1.5	µg/m ³	0.56 J;
DOE-2	6/18/2025	Carbon tetrachloride	—	0.47	0.11	0.78	µg/m ³	0.35 J;
DOE-2	6/18/2025	Chloromethane	—	94	0.13	0.81	µg/m ³	0.62 J;
DOE-2	6/18/2025	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m ³	2.2 ;
DOE-2	6/18/2025	Ethyl acetate	—	73	0.26	3	µg/m ³	26 ;
DOE-2	6/18/2025	Hexane, n-	—	730	0.17	0.8	µg/m ³	0.21 J;
DOE-2	6/18/2025	Isopropanol	—	210	1	6.3	µg/m ³	1.0 J;
DOE-2	6/18/2025	Methylene chloride	1	—	0.23	0.7	µg/m ³	0.37 J;
DOE-2	6/18/2025	Toluene	310	—	0.099	0.83	µg/m ³	0.63 J;
DOE-2	6/18/2025	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m ³	1.1 ;
DOE-3	6/18/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	µg/m ³	0.44 J;
DOE-3	6/18/2025	1,2,4-trimethylbenzene	—	63	0.12	0.82	µg/m ³	0.13 J;
DOE-3	6/18/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	0.65 J;
DOE-3	6/18/2025	Carbon tetrachloride	—	0.47	0.12	0.8	µg/m ³	0.34 J;
DOE-3	6/18/2025	Chloromethane	—	94	0.13	0.83	µg/m ³	0.64 J;
DOE-3	6/18/2025	Dichlorodifluoromethane	—	100	0.14	0.79	µg/m ³	2.2 ;
DOE-3	6/18/2025	Ethyl acetate	—	73	0.27	3	µg/m ³	89 ;
DOE-3	6/18/2025	Hexane, n-	—	730	0.17	0.81	µg/m ³	0.20 J;
DOE-3	6/18/2025	Isopropanol	—	210	1	6.4	µg/m ³	1.0 J;
DOE-3	6/18/2025	Methylene chloride	1	—	0.23	0.71	µg/m ³	0.36 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	6/18/2025	Toluene	310	—	0.1	0.85	µg/m ³	0.90 ;
DOE-3	6/18/2025	Trichlorofluoromethane	1300	—	0.13	0.79	µg/m ³	1.0 ;
DOE-4	6/18/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m ³	0.42 J;
DOE-4	6/18/2025	2-butanone	—	5200	0.38	1.6	µg/m ³	0.61 J;
DOE-4	6/18/2025	Carbon tetrachloride	—	0.47	0.12	0.82	µg/m ³	0.36 J;
DOE-4	6/18/2025	Chloromethane	—	94	0.14	0.85	µg/m ³	0.57 J;
DOE-4	6/18/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m ³	2.2 ;
DOE-4	6/18/2025	Ethyl acetate	—	73	0.27	3.1	µg/m ³	35 ;
DOE-4	6/18/2025	Hexane, n-	—	730	0.18	0.83	µg/m ³	0.19 J;
DOE-4	6/18/2025	Methylene chloride	1	—	0.24	0.73	µg/m ³	0.41 J;
DOE-4	6/18/2025	Toluene	310	—	0.1	0.87	µg/m ³	0.63 J;
DOE-4	6/18/2025	Trichloroethene	—	0.48	0.12	0.84	µg/m ³	0.13 J;
DOE-4	6/18/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m ³	1.1 ;
DOE-1	7/1/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m ³	0.49 J; J
DOE-1	7/1/2025	2-butanone	—	5200	0.37	1.6	µg/m ³	1.4 J; J
DOE-1	7/1/2025	Acrolein	—	0.021	0.48	1.7	µg/m ³	1.0 J; J
DOE-1	7/1/2025	Benzene	0.097	—	0.44	1.5	µg/m ³	0.70 J; J
DOE-1	7/1/2025	Carbon disulfide	—	730	0.25	1.6	µg/m ³	0.42 J; J
DOE-1	7/1/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m ³	0.39 J; J
DOE-1	7/1/2025	Chloroform	—	0.12	0.11	0.82	µg/m ³	0.11 J; J
DOE-1	7/1/2025	Chloromethane	—	94	0.13	0.82	µg/m ³	0.54 J; J
DOE-1	7/1/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m ³	2.3 ;
DOE-1	7/1/2025	Ethyl acetate	—	73	0.26	3	µg/m ³	130 ;
DOE-1	7/1/2025	Hexane, n-	—	730	0.17	0.8	µg/m ³	0.20 J; J
DOE-1	7/1/2025	Isopropanol	—	210	1	6.3	µg/m ³	1.5 J; J
DOE-1	7/1/2025	Isopropylbenzene	—	420	0.12	0.81	µg/m ³	0.36 J; J
DOE-1	7/1/2025	Methylene chloride	1	—	0.23	0.7	µg/m ³	0.38 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	7/1/2025	Toluene	440	—	0.1	0.84	µg/m3	1.5 ;
DOE-1	7/1/2025	Trichlorofluoromethane	1300	—	0.12	0.78	µg/m3	1.1 ;
DOE-1	7/1/2025	Vinyl acetate	—	210	1.8	8.1	µg/m3	4.9 J; J
DOE-2	7/1/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	µg/m3	0.48 J; J
DOE-2	7/1/2025	1,2,4-trimethylbenzene	—	63	0.11	0.76	µg/m3	0.13 J; J
DOE-2	7/1/2025	2-butanone	—	5200	0.35	1.5	µg/m3	0.79 J; J
DOE-2	7/1/2025	Carbon tetrachloride	—	0.47	0.11	0.74	µg/m3	0.38 J; J
DOE-2	7/1/2025	Chloroform	—	0.12	0.1	0.77	µg/m3	0.11 J; J
DOE-2	7/1/2025	Chloromethane	—	94	0.12	0.77	µg/m3	0.49 J; J
DOE-2	7/1/2025	Dichlorodifluoromethane	—	100	0.13	0.73	µg/m3	2.4 ;
DOE-2	7/1/2025	Ethyl acetate	—	73	0.25	2.8	µg/m3	59 ;
DOE-2	7/1/2025	Hexane, n-	—	730	0.16	0.75	µg/m3	0.18 J; J
DOE-2	7/1/2025	Isopropanol	—	210	0.95	5.9	µg/m3	1.1 J; J
DOE-2	7/1/2025	Methylene chloride	1	—	0.22	0.66	µg/m3	0.35 J; J
DOE-2	7/1/2025	Toluene	440	—	0.094	0.79	µg/m3	0.78 J; J
DOE-2	7/1/2025	Trichlorofluoromethane	1300	—	0.12	0.73	µg/m3	1.1 ;
DOE-3	7/1/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	µg/m3	0.47 J; J
DOE-3	7/1/2025	2-butanone	—	5200	0.38	1.6	µg/m3	0.72 J; J
DOE-3	7/1/2025	Carbon tetrachloride	—	0.47	0.12	0.8	µg/m3	0.39 J; J
DOE-3	7/1/2025	Chloromethane	—	94	0.14	0.83	µg/m3	0.41 J; J
DOE-3	7/1/2025	Dichlorodifluoromethane	—	100	0.14	0.79	µg/m3	2.3 ;
DOE-3	7/1/2025	Ethyl acetate	—	73	0.27	3.1	µg/m3	60 ;
DOE-3	7/1/2025	Methylene chloride	1	—	0.24	0.71	µg/m3	0.39 J; J
DOE-3	7/1/2025	Toluene	440	—	0.1	0.86	µg/m3	0.77 J; J
DOE-3	7/1/2025	Trichlorofluoromethane	1300	—	0.13	0.79	µg/m3	1.2 ;
DOE-4	7/1/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m3	0.48 J; J
DOE-4	7/1/2025	2-butanone	—	5200	0.38	1.6	µg/m3	1.2 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	7/1/2025	Benzene	0.097	—	0.46	1.6	µg/m3	0.66 J; J
DOE-4	7/1/2025	Carbon tetrachloride	—	0.47	0.12	0.82	µg/m3	0.40 J; J
DOE-4	7/1/2025	Chloromethane	—	94	0.14	0.85	µg/m3	0.48 J; J
DOE-4	7/1/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m3	2.3 ;
DOE-4	7/1/2025	Ethyl acetate	—	73	0.27	3.1	µg/m3	150 ; J
DOE-4	7/1/2025	Methylene chloride	1	—	0.24	0.73	µg/m3	0.38 J; J
DOE-4	7/1/2025	Toluene	440	—	0.1	0.87	µg/m3	1.7 ; J
DOE-4	7/1/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m3	1.1 ;
DOE-4	7/1/2025	Vinyl acetate	—	210	1.9	8.5	µg/m3	2.1 J; J
DOE-1	7/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.63	µg/m3	0.51 J; J
DOE-1	7/16/2025	1,2,4-trimethylbenzene	—	63	0.1	0.72	µg/m3	0.23 J; J
DOE-1	7/16/2025	2-butanone	—	5200	0.33	1.4	µg/m3	0.65 J; J
DOE-1	7/16/2025	Benzene	0.097	—	0.39	1.4	µg/m3	0.42 J; J
DOE-1	7/16/2025	Carbon tetrachloride	—	0.47	0.1	0.7	µg/m3	0.42 J; J
DOE-1	7/16/2025	Chloroform	—	0.12	0.097	0.73	µg/m3	0.11 J; J
DOE-1	7/16/2025	Chloromethane	—	94	0.12	0.73	µg/m3	0.56 J; J
DOE-1	7/16/2025	Dichlorodifluoromethane	—	100	0.12	0.69	µg/m3	2.3 ;
DOE-1	7/16/2025	Ethyl acetate	—	73	0.23	2.7	µg/m3	45 ; J
DOE-1	7/16/2025	Ethylbenzene	—	1.1	0.1	0.75	µg/m3	0.13 J; J
DOE-1	7/16/2025	Hexane, n-	—	730	0.15	0.71	µg/m3	0.23 J; J
DOE-1	7/16/2025	Methylene chloride	1	—	0.21	0.62	µg/m3	0.38 J; J
DOE-1	7/16/2025	m-xylene & p-xylene	—	100	0.19	1.5	µg/m3	0.40 J; J
DOE-1	7/16/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.11	0.74	µg/m3	0.17 J; J
DOE-1	7/16/2025	Toluene	440	—	0.089	0.75	µg/m3	1.2 ; J
DOE-1	7/16/2025	Trichlorofluoromethane	1300	—	0.11	0.69	µg/m3	1.1 ;
DOE-1	7/16/2025	Xylenes, total	—	100	0.19	1.5	µg/m3	0.57 J; J
DOE-2	7/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	µg/m3	0.49 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	7/16/2025	2-butanone	—	5200	0.36	1.6	µg/m3	0.74 J; J
DOE-2	7/16/2025	Carbon tetrachloride	—	0.47	0.11	0.78	µg/m3	0.41 J; J
DOE-2	7/16/2025	Chloromethane	—	94	0.13	0.81	µg/m3	0.58 J; J
DOE-2	7/16/2025	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m3	2.3 ;
DOE-2	7/16/2025	Ethyl acetate	—	73	0.26	3	µg/m3	15 ;
DOE-2	7/16/2025	Hexane, n-	—	730	0.17	0.79	µg/m3	0.21 J; J
DOE-2	7/16/2025	Methylene chloride	1	—	0.23	0.69	µg/m3	0.36 J; J
DOE-2	7/16/2025	m-xylene & p-xylene	—	100	0.21	1.6	µg/m3	0.25 J; J
DOE-2	7/16/2025	Tetrahydrofuran	—	2100	0.32	1.4	µg/m3	0.46 J; J
DOE-2	7/16/2025	Toluene	440	—	0.099	0.83	µg/m3	0.74 J; J
DOE-2	7/16/2025	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m3	1.0 ;
DOE-2	7/16/2025	Xylenes, total	—	100	0.21	1.6	µg/m3	0.25 J; J
DOE-3	7/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	µg/m3	0.50 J; J
DOE-3	7/16/2025	1,2,4-trimethylbenzene	—	63	0.11	0.8	µg/m3	0.17 J; J
DOE-3	7/16/2025	2-butanone	—	5200	0.36	1.6	µg/m3	0.74 J; J
DOE-3	7/16/2025	Carbon tetrachloride	—	0.47	0.11	0.78	µg/m3	0.40 J; J
DOE-3	7/16/2025	Chloromethane	—	94	0.13	0.81	µg/m3	0.58 J; J
DOE-3	7/16/2025	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m3	2.2 ;
DOE-3	7/16/2025	Ethyl acetate	—	73	0.26	3	µg/m3	11 ;
DOE-3	7/16/2025	Hexane, n-	—	730	0.17	0.79	µg/m3	0.20 J; J
DOE-3	7/16/2025	Methylene chloride	1	—	0.23	0.69	µg/m3	0.36 J; J
DOE-3	7/16/2025	m-xylene & p-xylene	—	100	0.21	1.6	µg/m3	0.33 J; J
DOE-3	7/16/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.12	0.82	µg/m3	0.15 J; J
DOE-3	7/16/2025	Toluene	440	—	0.099	0.83	µg/m3	0.82 J; J
DOE-3	7/16/2025	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m3	1.0 ;
DOE-3	7/16/2025	Xylenes, total	—	100	0.21	1.6	µg/m3	0.48 J; J
DOE-4	7/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m3	0.48 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	7/16/2025	2-butanone	—	5200	0.36	1.5	µg/m3	0.69 J; J
DOE-4	7/16/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m3	0.42 J; J
DOE-4	7/16/2025	Chloromethane	—	94	0.13	0.78	µg/m3	0.60 J; J
DOE-4	7/16/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m3	2.3 ;
DOE-4	7/16/2025	Ethyl acetate	—	73	0.25	2.9	µg/m3	19 ;
DOE-4	7/16/2025	Hexane, n-	—	730	0.16	0.77	µg/m3	0.21 J; J
DOE-4	7/16/2025	Methylene chloride	1	—	0.22	0.67	µg/m3	0.35 J; J
DOE-4	7/16/2025	m-xylene & p-xylene	—	100	0.21	1.6	µg/m3	0.23 J; J
DOE-4	7/16/2025	Toluene	440	—	0.096	0.81	µg/m3	0.78 J; J
DOE-4	7/16/2025	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m3	1.0 ;
DOE-4	7/16/2025	Xylenes, total	—	100	0.21	1.6	µg/m3	0.23 J; J
DOE-1	7/31/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m3	0.49 J;
DOE-1	7/31/2025	1,2,4-trimethylbenzene	—	63	0.11	0.78	µg/m3	0.22 J;
DOE-1	7/31/2025	2-butanone	—	5200	0.36	1.5	µg/m3	0.66 J;
DOE-1	7/31/2025	Carbon disulfide	—	730	0.24	1.5	µg/m3	1.2 J;
DOE-1	7/31/2025	Carbon tetrachloride	—	0.47	0.11	0.75	µg/m3	0.40 J;
DOE-1	7/31/2025	Chloromethane	—	94	0.13	0.78	µg/m3	0.58 J;
DOE-1	7/31/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m3	2.2 ;
DOE-1	7/31/2025	Ethyl acetate	—	73	0.25	2.9	µg/m3	45 ;
DOE-1	7/31/2025	Hexane, n-	—	730	0.16	0.77	µg/m3	0.19 J;
DOE-1	7/31/2025	Methylene chloride	1	—	0.22	0.67	µg/m3	0.33 J;
DOE-1	7/31/2025	Tetrahydrofuran	—	2100	0.31	1.4	µg/m3	0.72 J;
DOE-1	7/31/2025	Toluene	440	—	0.096	0.81	µg/m3	0.83 ;
DOE-1	7/31/2025	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m3	1.1 ;
DOE-2	7/31/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	µg/m3	0.43 J;
DOE-2	7/31/2025	2-butanone	—	5200	0.39	1.7	µg/m3	0.71 J;
DOE-2	7/31/2025	Carbon tetrachloride	—	0.47	0.12	0.83	µg/m3	0.37 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	7/31/2025	Chloromethane	—	94	0.14	0.86	µg/m3	0.53 J;
DOE-2	7/31/2025	Dichlorodifluoromethane	—	100	0.14	0.82	µg/m3	2.1 ;
DOE-2	7/31/2025	Ethyl acetate	—	73	0.28	3.2	µg/m3	79 ;
DOE-2	7/31/2025	Methylene chloride	1	—	0.24	0.74	µg/m3	0.32 J;
DOE-2	7/31/2025	Toluene	440	—	0.11	0.89	µg/m3	1.0 ;
DOE-2	7/31/2025	Trichlorofluoromethane	1300	—	0.13	0.82	µg/m3	1.0 ;
DOE-3	7/31/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	µg/m3	0.49 J;
DOE-3	7/31/2025	2-butanone	—	5200	0.37	1.6	µg/m3	1.1 J;
DOE-3	7/31/2025	Acrolein	—	0.021	0.48	1.7	µg/m3	0.55 J;
DOE-3	7/31/2025	Carbon tetrachloride	—	0.47	0.12	0.8	µg/m3	0.38 J;
DOE-3	7/31/2025	Chloromethane	—	94	0.13	0.83	µg/m3	0.59 J;
DOE-3	7/31/2025	Dichlorodifluoromethane	—	100	0.14	0.79	µg/m3	2.3 ;
DOE-3	7/31/2025	Ethyl acetate	—	73	0.27	3	µg/m3	20 ;
DOE-3	7/31/2025	Methylene chloride	1	—	0.23	0.71	µg/m3	0.30 J;
DOE-3	7/31/2025	Toluene	440	—	0.1	0.85	µg/m3	0.71 J;
DOE-3	7/31/2025	Trichlorofluoromethane	1300	—	0.13	0.79	µg/m3	1.1 ;
DOE-4	7/31/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m3	0.46 J;
DOE-4	7/31/2025	2-butanone	—	5200	0.39	1.6	µg/m3	0.70 J;
DOE-4	7/31/2025	Acrylonitrile	—	0.041	0.4	1.7	µg/m3	1.4 J;
DOE-4	7/31/2025	Carbon tetrachloride	—	0.47	0.12	0.82	µg/m3	0.40 J;
DOE-4	7/31/2025	Chloromethane	—	94	0.14	0.85	µg/m3	0.56 J;
DOE-4	7/31/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m3	2.3 ;
DOE-4	7/31/2025	Ethyl acetate	—	73	0.27	3.1	µg/m3	42 ;
DOE-4	7/31/2025	Hexane, n-	—	730	0.18	0.84	µg/m3	0.18 J;
DOE-4	7/31/2025	Methylene chloride	1	—	0.24	0.73	µg/m3	0.39 J;
DOE-4	7/31/2025	Toluene	440	—	0.1	0.88	µg/m3	0.99 ;
DOE-4	7/31/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m3	1.1 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	8/12/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m3	0.52 J;
DOE-1	8/12/2025	2-butanone	—	5200	0.37	1.6	µg/m3	0.96 J;
DOE-1	8/12/2025	Carbon disulfide	—	730	0.25	1.6	µg/m3	3.5 ;
DOE-1	8/12/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m3	0.46 J;
DOE-1	8/12/2025	Chloromethane	—	94	0.13	0.82	µg/m3	0.46 J;
DOE-1	8/12/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m3	2.5 ;
DOE-1	8/12/2025	Ethyl acetate	—	73	0.26	3	µg/m3	26 ;
DOE-1	8/12/2025	Hexane, n-	—	730	0.17	0.8	µg/m3	0.32 J;
DOE-1	8/12/2025	Isopropanol	—	210	1	6.3	µg/m3	1.1 J;
DOE-1	8/12/2025	Methylene chloride	1	—	0.23	0.7	µg/m3	0.36 J;
DOE-1	8/12/2025	m-xylene & p-xylene	—	100	0.22	1.6	µg/m3	0.26 J;
DOE-1	8/12/2025	N-heptane	—	420	0.13	0.8	µg/m3	0.15 J;
DOE-1	8/12/2025	Toluene	440	—	0.1	0.84	µg/m3	0.73 J;
DOE-1	8/12/2025	Trichlorofluoromethane	1300	—	0.12	0.78	µg/m3	1.3 ;
DOE-1	8/12/2025	Xylenes, total	—	100	0.22	1.6	µg/m3	0.26 J;
DOE-2	8/12/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m3	0.50 J;
DOE-2	8/12/2025	2-butanone	—	5200	0.37	1.6	µg/m3	1.0 J;
DOE-2	8/12/2025	Benzene	0.097	—	0.44	1.5	µg/m3	0.55 J;
DOE-2	8/12/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m3	0.47 J;
DOE-2	8/12/2025	Chloromethane	—	94	0.13	0.82	µg/m3	0.43 J;
DOE-2	8/12/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m3	2.5 ;
DOE-2	8/12/2025	Ethyl acetate	—	73	0.26	3	µg/m3	100 ;
DOE-2	8/12/2025	Hexane, n-	—	730	0.17	0.8	µg/m3	0.32 J;
DOE-2	8/12/2025	Methylene chloride	1	—	0.23	0.7	µg/m3	0.43 J;
DOE-2	8/12/2025	m-xylene & p-xylene	—	100	0.22	1.6	µg/m3	0.27 J;
DOE-2	8/12/2025	N-heptane	—	420	0.13	0.8	µg/m3	0.16 J;
DOE-2	8/12/2025	Toluene	440	—	0.1	0.84	µg/m3	1.4 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	8/12/2025	Trichlorofluoromethane	1300	—	0.12	0.78	µg/m3	1.3 ;
DOE-2	8/12/2025	Vinyl acetate	—	210	1.8	8.1	µg/m3	2.1 J;
DOE-2	8/12/2025	Xylenes, total	—	100	0.22	1.6	µg/m3	0.27 J;
DOE-3	8/12/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m3	0.56 J;
DOE-3	8/12/2025	2-butanone	—	5200	0.37	1.6	µg/m3	1.0 J;
DOE-3	8/12/2025	Carbon tetrachloride	—	0.47	0.11	0.79	µg/m3	0.47 J;
DOE-3	8/12/2025	Chloromethane	—	94	0.13	0.82	µg/m3	0.43 J;
DOE-3	8/12/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m3	2.4 ;
DOE-3	8/12/2025	Ethyl acetate	—	73	0.26	3	µg/m3	35 ;
DOE-3	8/12/2025	Hexane, n-	—	730	0.17	0.81	µg/m3	0.27 J;
DOE-3	8/12/2025	Methylene chloride	1	—	0.23	0.71	µg/m3	0.35 J;
DOE-3	8/12/2025	Toluene	440	—	0.1	0.84	µg/m3	0.65 J;
DOE-3	8/12/2025	Trichlorofluoromethane	1300	—	0.13	0.78	µg/m3	1.3 ;
DOE-4	8/12/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	µg/m3	0.53 J;
DOE-4	8/12/2025	2-butanone	—	5200	0.39	1.7	µg/m3	0.92 J;
DOE-4	8/12/2025	Benzene	0.097	—	0.46	1.6	µg/m3	0.59 J;
DOE-4	8/12/2025	Carbon tetrachloride	—	0.47	0.12	0.83	µg/m3	0.47 J;
DOE-4	8/12/2025	Chloromethane	—	94	0.14	0.86	µg/m3	0.50 J;
DOE-4	8/12/2025	Dichlorodifluoromethane	—	100	0.14	0.82	µg/m3	2.5 ;
DOE-4	8/12/2025	Ethyl acetate	—	73	0.28	3.2	µg/m3	20 ;
DOE-4	8/12/2025	Hexane, n-	—	730	0.18	0.84	µg/m3	0.29 J;
DOE-4	8/12/2025	Isopropylbenzene	—	420	0.12	0.85	µg/m3	0.37 J;
DOE-4	8/12/2025	Methylene chloride	1	—	0.24	0.74	µg/m3	0.42 J;
DOE-4	8/12/2025	m-xylene & p-xylene	—	100	0.23	1.7	µg/m3	0.24 J;
DOE-4	8/12/2025	Toluene	440	—	0.11	0.88	µg/m3	0.85 J;
DOE-4	8/12/2025	Trichlorofluoromethane	1300	—	0.13	0.82	µg/m3	1.3 ;
DOE-4	8/12/2025	Xylenes, total	—	100	0.23	1.7	µg/m3	0.24 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	8/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	µg/m3	0.44 J;
DOE-1	8/29/2025	2-butanone	—	5200	0.39	1.7	µg/m3	0.49 J;
DOE-1	8/29/2025	Carbon tetrachloride	—	0.47	0.12	0.83	µg/m3	0.25 J;
DOE-1	8/29/2025	Chloromethane	—	94	0.14	0.86	µg/m3	0.46 J;
DOE-1	8/29/2025	Dichlorodifluoromethane	—	100	0.14	0.82	µg/m3	2.3 ;
DOE-1	8/29/2025	Ethyl acetate	—	73	0.28	3.2	µg/m3	9.3 ;
DOE-1	8/29/2025	Methylene chloride	1	—	0.24	0.74	µg/m3	0.42 J;
DOE-1	8/29/2025	Tetrahydrofuran	—	2100	0.34	1.5	µg/m3	1.0 J;
DOE-1	8/29/2025	Trichlorofluoromethane	1300		0.13	0.82	µg/m3	1.1 ;
DOE-2	8/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	µg/m3	0.52 J;
DOE-2	8/29/2025	2-butanone	—	5200	0.38	1.6	µg/m3	0.63 J;
DOE-2	8/29/2025	Carbon tetrachloride	—	0.47	0.12	0.8	µg/m3	0.42 J;
DOE-2	8/29/2025	Chloromethane	—	94	0.14	0.83	µg/m3	0.59 J;
DOE-2	8/29/2025	Dichlorodifluoromethane	—	100	0.14	0.79	µg/m3	2.4 ;
DOE-2	8/29/2025	Ethyl acetate	—	73	0.27	3.1	µg/m3	11 ;
DOE-2	8/29/2025	Methylene chloride	1	—	0.24	0.71	µg/m3	0.33 J;
DOE-2	8/29/2025	Toluene	440	—	0.1	0.86	µg/m3	0.56 J;
DOE-2	8/29/2025	Trichlorofluoromethane	1300	—	0.13	0.79	µg/m3	1.2 ;
DOE-3	8/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.13	0.76	µg/m3	0.49 J;
DOE-3	8/29/2025	2-butanone	—	5200	0.4	1.7	µg/m3	0.67 J;
DOE-3	8/29/2025	Benzene	0.097	—	0.47	1.7	µg/m3	0.67 J;
DOE-3	8/29/2025	Carbon tetrachloride	—	0.47	0.12	0.84	µg/m3	0.44 J;
DOE-3	8/29/2025	Chloromethane	—	94	0.14	0.87	µg/m3	0.60 J;
DOE-3	8/29/2025	Dichlorodifluoromethane	—	100	0.14	0.83	µg/m3	2.4 ;
DOE-3	8/29/2025	Ethyl acetate	—	73	0.28	3.2	µg/m3	4.2 ;
DOE-3	8/29/2025	Isopropylbenzene	—	420	0.13	0.87	µg/m3	0.23 J;
DOE-3	8/29/2025	Methylene chloride	1	—	0.25	0.75	µg/m3	0.31 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	8/29/2025	Toluene	440	—	0.11	0.9	µg/m3	0.44 J;
DOE-3	8/29/2025	Trichlorofluoromethane	1300	—	0.13	0.83	µg/m3	1.2 ;
DOE-4	8/29/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	µg/m3	0.50 J;
DOE-4	8/29/2025	2-butanone	—	5200	0.39	1.7	µg/m3	0.52 J;
DOE-4	8/29/2025	Carbon tetrachloride	—	0.47	0.12	0.83	µg/m3	0.43 J;
DOE-4	8/29/2025	Chloromethane	—	94	0.14	0.86	µg/m3	0.60 J;
DOE-4	8/29/2025	Dichlorodifluoromethane	—	100	0.14	0.82	µg/m3	2.5 ;
DOE-4	8/29/2025	Ethyl acetate	—	73	0.28	3.2	µg/m3	5.4 ;
DOE-4	8/29/2025	Methylene chloride	1	—	0.24	0.74	µg/m3	0.32 J;
DOE-4	8/29/2025	Toluene	440	—	0.11	0.89	µg/m3	0.38 J;
DOE-4	8/29/2025	Trichlorofluoromethane	1300	—	0.13	0.82	µg/m3	1.2 ;
DOE-1	9/11/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m3	0.51 J;
DOE-1	9/11/2025	2-butanone	—	5200	0.16	1.5	µg/m3	0.75 J;
DOE-1	9/11/2025	Benzene	0.097	—	0.11	0.75	µg/m3	0.15 J;
DOE-1	9/11/2025	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m3	0.39 ;
DOE-1	9/11/2025	Chloromethane	—	94	0.13	0.31	µg/m3	0.49 ;
DOE-1	9/11/2025	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m3	2.2 ;
DOE-1	9/11/2025	Ethyl acetate	—	73	0.41	2.9	µg/m3	8.1 ;
DOE-1	9/11/2025	Isopropanol	—	210	0.33	3	µg/m3	0.39 J;
DOE-1	9/11/2025	Methylene chloride	1	—	0.22	0.68	µg/m3	0.24 J;
DOE-1	9/11/2025	Tetrahydrofuran	—	2100	0.099	1.5	µg/m3	0.27 J;
DOE-1	9/11/2025	Toluene	440	—	0.096	0.81	µg/m3	0.58 J;
DOE-1	9/11/2025	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m3	1.0 ;
DOE-2	9/11/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m3	0.50 J;
DOE-2	9/11/2025	2-butanone	—	5200	0.18	1.6	µg/m3	0.62 J;
DOE-2	9/11/2025	Benzene	0.097	—	0.12	0.82	µg/m3	0.15 J;
DOE-2	9/11/2025	Carbon tetrachloride	—	0.47	0.12	0.16	µg/m3	0.40 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	9/11/2025	Chloromethane	—	94	0.14	0.34	µg/m3	0.48 ;
DOE-2	9/11/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m3	2.1 ;
DOE-2	9/11/2025	Ethyl acetate	—	73	0.45	3.1	µg/m3	12 ;
DOE-2	9/11/2025	Isopropanol	—	210	0.35	3.3	µg/m3	0.44 J;
DOE-2	9/11/2025	Methylene chloride	1	—	0.24	0.74	µg/m3	0.24 J;
DOE-2	9/11/2025	Toluene	440	—	0.1	0.87	µg/m3	0.63 J;
DOE-2	9/11/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m3	1.0 ;
DOE-3	9/11/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m3	0.49 J;
DOE-3	9/11/2025	1,2,4-trimethylbenzene	—	63	0.11	0.81	µg/m3	0.26 J;
DOE-3	9/11/2025	2-butanone	—	5200	0.17	1.6	µg/m3	0.61 J;
DOE-3	9/11/2025	Benzene	0.097	—	0.12	0.79	µg/m3	0.15 J;
DOE-3	9/11/2025	Carbon disulfide	—	730	0.25	1.6	µg/m3	0.82 J;
DOE-3	9/11/2025	Carbon tetrachloride	—	0.47	0.11	0.16	µg/m3	0.40 ;
DOE-3	9/11/2025	Chloromethane	—	94	0.13	0.33	µg/m3	0.48 ;
DOE-3	9/11/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m3	2.1 ;
DOE-3	9/11/2025	Ethyl acetate	—	73	0.43	3	µg/m3	15 ;
DOE-3	9/11/2025	Isopropanol	—	210	0.34	3.2	µg/m3	0.38 J;
DOE-3	9/11/2025	Methylene chloride	1	—	0.23	0.71	µg/m3	0.25 J;
DOE-3	9/11/2025	Toluene	440	—	0.1	0.84	µg/m3	0.69 J;
DOE-3	9/11/2025	Trichlorofluoromethane	1300	—	0.13	0.78	µg/m3	1.0 ;
DOE-4	9/11/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	µg/m3	0.50 J;
DOE-4	9/11/2025	2-butanone	—	5200	0.18	1.7	µg/m3	0.55 J;
DOE-4	9/11/2025	Benzene	0.097	—	0.12	0.83	µg/m3	0.15 J;
DOE-4	9/11/2025	Carbon tetrachloride	—	0.47	0.12	0.17	µg/m3	0.40 ;
DOE-4	9/11/2025	Chloromethane	—	94	0.14	0.34	µg/m3	0.48 ;
DOE-4	9/11/2025	Dichlorodifluoromethane	—	100	0.14	0.82	µg/m3	2.2 ;
DOE-4	9/11/2025	Ethyl acetate	—	73	0.45	3.2	µg/m3	13 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	9/11/2025	Isopropanol	—	210	0.36	3.3	µg/m3	0.40 J;
DOE-4	9/11/2025	Methylene chloride	1	—	0.24	0.75	µg/m3	0.25 J;
DOE-4	9/11/2025	Toluene	440	—	0.11	0.88	µg/m3	0.69 J;
DOE-4	9/11/2025	Trichlorofluoromethane	1300	—	0.13	0.82	µg/m3	1.0 ;
DOE-1	9/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.74	µg/m3	0.45 J;
DOE-1	9/23/2025	2-butanone	—	5200	0.18	1.6	µg/m3	0.42 J;
DOE-1	9/23/2025	Benzene	0.097	—	0.12	0.82	µg/m3	0.32 J;
DOE-1	9/23/2025	Carbon tetrachloride	—	0.47	0.12	0.16	µg/m3	0.35 ;
DOE-1	9/23/2025	Chloromethane	—	94	0.14	0.34	µg/m3	0.56 ;
DOE-1	9/23/2025	Dichlorodifluoromethane	—	100	0.14	0.81	µg/m3	2.1 ;
DOE-1	9/23/2025	Ethyl acetate	—	73	0.45	3.1	µg/m3	97 ;
DOE-1	9/23/2025	Toluene	440	—	0.1	0.87	µg/m3	1.4 ;
DOE-1	9/23/2025	Trichlorofluoromethane	1300	—	0.13	0.81	µg/m3	0.97 ;
DOE-2	9/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m3	0.47 J;
DOE-2	9/23/2025	2-butanone	—	5200	0.17	1.6	µg/m3	0.45 J;
DOE-2	9/23/2025	Benzene	0.097	—	0.12	0.79	µg/m3	0.28 J;
DOE-2	9/23/2025	Carbon tetrachloride	—	0.47	0.11	0.16	µg/m3	0.39 ;
DOE-2	9/23/2025	Chloromethane	—	94	0.13	0.32	µg/m3	0.61 ;
DOE-2	9/23/2025	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m3	2.3 ;
DOE-2	9/23/2025	Ethyl acetate	—	73	0.43	3	µg/m3	55 ;
DOE-2	9/23/2025	Methylene chloride	1	—	0.23	0.71	µg/m3	0.24 J;
DOE-2	9/23/2025	Toluene	440	—	0.1	0.84	µg/m3	1.2 ;
DOE-2	9/23/2025	Trichlorofluoromethane	1300	—	0.12	0.78	µg/m3	1.1 ;
DOE-3	9/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	µg/m3	0.48 J;
DOE-3	9/23/2025	2-butanone	—	5200	0.17	1.6	µg/m3	0.42 J;
DOE-3	9/23/2025	Benzene	0.097	—	0.12	0.81	µg/m3	0.21 J;
DOE-3	9/23/2025	Carbon tetrachloride	—	0.47	0.12	0.16	µg/m3	0.38 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	9/23/2025	Chloromethane	—	94	0.14	0.33	µg/m3	0.61 ;
DOE-3	9/23/2025	Dichlorodifluoromethane	—	100	0.14	0.8	µg/m3	2.3 ;
DOE-3	9/23/2025	Ethyl acetate	—	73	0.45	3.1	µg/m3	29 ;
DOE-3	9/23/2025	Toluene	440	—	0.1	0.87	µg/m3	1.0 ;
DOE-3	9/23/2025	Trichlorofluoromethane	1300	—	0.13	0.8	µg/m3	1.1 ;
DOE-4	9/23/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.13	0.76	µg/m3	0.46 J;
DOE-4	9/23/2025	2-butanone	—	5200	0.18	1.7	µg/m3	0.44 J;
DOE-4	9/23/2025	Benzene	0.097	—	0.13	0.85	µg/m3	0.19 J;
DOE-4	9/23/2025	Carbon tetrachloride	—	0.47	0.12	0.17	µg/m3	0.39 ;
DOE-4	9/23/2025	Chloromethane	—	94	0.14	0.35	µg/m3	0.58 ;
DOE-4	9/23/2025	Dichlorodifluoromethane	—	100	0.14	0.84	µg/m3	2.2 ;
DOE-4	9/23/2025	Ethyl acetate	—	73	0.46	3.2	µg/m3	24 ;
DOE-4	9/23/2025	Toluene	440	—	0.11	0.9	µg/m3	0.77 J;
DOE-4	9/23/2025	Trichlorofluoromethane	1300	—	0.13	0.84	µg/m3	1.1 ;
DOE-1	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.75	ug/m3	0.44 J; J
DOE-1	10/10/2025	2-butanone	—	5200	0.18	1.7	ug/m3	0.49 J; J
DOE-1	10/10/2025	Benzene	0.097	—	0.12	0.83	ug/m3	0.26 J; J
DOE-1	10/10/2025	Carbon tetrachloride	—	0.47	0.12	0.17	ug/m3	0.33 ;
DOE-1	10/10/2025	Chloromethane	—	94	0.14	0.34	ug/m3	0.64 ;
DOE-1	10/10/2025	Dichlorodifluoromethane	—	100	0.14	0.82	ug/m3	2.4 ;
DOE-1	10/10/2025	Ethyl acetate	—	73	0.45	3.2	ug/m3	39 V; J-
DOE-1	10/10/2025	Hexane, n-	—	730	0.18	0.84	ug/m3	0.29 J; J
DOE-1	10/10/2025	Methylene chloride	1	—	0.24	0.75	ug/m3	0.34 J; J
DOE-1	10/10/2025	Tetrahydrofuran	—	2100	0.11	1.6	ug/m3	0.43 J; J
DOE-1	10/10/2025	Toluene	440	—	0.11	0.88	ug/m3	0.14 J; J
DOE-1	10/10/2025	Trichlorofluoromethane	1300	—	0.13	0.82	ug/m3	1.1 ;
DOE-2	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	ug/m3	0.48 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	10/10/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.66 J; J
DOE-2	10/10/2025	Acrolein	—	0.021	0.24	1.7	ug/m3	0.25 J; J
DOE-2	10/10/2025	Benzene	0.097	—	0.12	0.8	ug/m3	0.90 ;
DOE-2	10/10/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.43 ;
DOE-2	10/10/2025	Chloromethane	—	94	0.14	0.33	ug/m3	0.64 ;
DOE-2	10/10/2025	Dichlorodifluoromethane	—	100	0.14	0.79	ug/m3	2.3 ;
DOE-2	10/10/2025	Ethyl acetate	—	73	0.44	3.1	ug/m3	25 V; J-
DOE-2	10/10/2025	Hexane, n-	—	730	0.17	0.82	ug/m3	0.17 J; J
DOE-2	10/10/2025	Isopropylbenzene	—	420	0.12	0.82	ug/m3	1.9 ;
DOE-2	10/10/2025	Methylene chloride	1	—	0.24	0.72	ug/m3	0.33 J; J
DOE-2	10/10/2025	Toluene	440	—	0.1	0.86	ug/m3	1.2 ;
DOE-2	10/10/2025	Trichlorofluoromethane	1300	—	0.13	0.79	ug/m3	1.1 ;
DOE-3	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	ug/m3	0.50 J; J
DOE-3	10/10/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.57 J; J
DOE-3	10/10/2025	Acrylonitrile	—	0.041	0.17	1.6	ug/m3	2.6 ; J
DOE-3	10/10/2025	Benzene	0.097	—	0.12	0.78	ug/m3	0.27 J; J
DOE-3	10/10/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.43 ;
DOE-3	10/10/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.63 ;
DOE-3	10/10/2025	cis-1,2-Dichloroethene	8.3	—	0.11	0.15	ug/m3	0.55 ; J
DOE-3	10/10/2025	Dichlorodifluoromethane	—	100	0.13	0.77	ug/m3	2.5 ;
DOE-3	10/10/2025	Ethyl acetate	—	73	0.43	3	ug/m3	13 V; J-
DOE-3	10/10/2025	Hexane, n-	—	730	0.17	0.79	ug/m3	0.17 J; J
DOE-3	10/10/2025	Methylene chloride	1	—	0.23	0.7	ug/m3	0.35 J; J
DOE-3	10/10/2025	Toluene	440	—	0.099	0.83	ug/m3	0.77 J; J
DOE-3	10/10/2025	Trichlorofluoromethane	1300	—	0.12	0.77	ug/m3	1.2 ;
DOE-3	10/10/2025	Vinyl chloride	0.0095	—	0.087	0.32	ug/m3	0.16 J; J
DOE-4	10/10/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	ug/m3	0.50 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	10/10/2025	1,2,4-trimethylbenzene	—	63	0.12	0.83	ug/m3	0.28 J; J
DOE-4	10/10/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.98 J; J
DOE-4	10/10/2025	2-hexanone	—	31	0.1	1.7	ug/m3	0.15 J; J
DOE-4	10/10/2025	Benzene	0.097	—	0.12	0.81	ug/m3	0.38 J; J
DOE-4	10/10/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.43 ;
DOE-4	10/10/2025	Chloromethane	—	94	0.14	0.33	ug/m3	0.64 ;
DOE-4	10/10/2025	Dichlorodifluoromethane	—	100	0.14	0.8	ug/m3	2.5 ;
DOE-4	10/10/2025	Ethyl acetate	—	73	0.45	3.1	ug/m3	12 V; J-
DOE-4	10/10/2025	Hexane, n-	—	730	0.17	0.83	ug/m3	0.19 J; J
DOE-4	10/10/2025	Isopropylbenzene	—	420	0.12	0.83	ug/m3	0.59 J; J
DOE-4	10/10/2025	Methylene chloride	1	—	0.24	0.73	ug/m3	0.37 J; J
DOE-4	10/10/2025	m-xylene & p-xylene	—	100	0.22	1.7	ug/m3	0.25 J; J
DOE-4	10/10/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.12	0.86	ug/m3	0.15 J; J
DOE-4	10/10/2025	Toluene	440	—	0.1	0.87	ug/m3	1.4 ;
DOE-4	10/10/2025	Trichlorofluoromethane	1300	—	0.13	0.8	ug/m3	1.2 ;
DOE-4	10/10/2025	Xylenes, total	—	100	0.22	1.7	ug/m3	0.40 J; J
DOE-1	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	ug/m3	0.63 J; J
DOE-1	10/21/2025	2-butanone	—	5200	0.16	1.4	ug/m3	0.62 J; J
DOE-1	10/21/2025	Benzene	0.097	—	0.11	0.72	ug/m3	0.29 J; J
DOE-1	10/21/2025	Carbon tetrachloride	—	0.47	0.11	0.14	ug/m3	0.56 ;
DOE-1	10/21/2025	Chloroform	—	0.12	0.1	0.15	ug/m3	0.10 J; J
DOE-1	10/21/2025	Chloromethane	—	94	0.12	0.3	ug/m3	0.52 ;
DOE-1	10/21/2025	Dichlorodifluoromethane	—	100	0.12	0.72	ug/m3	2.8 ;
DOE-1	10/21/2025	Ethyl acetate	—	73	0.4	2.8	ug/m3	29 ;
DOE-1	10/21/2025	Isopropanol	—	210	0.31	2.9	ug/m3	0.54 J; J
DOE-1	10/21/2025	Methylene chloride	1	—	0.21	0.65	ug/m3	0.32 J; J
DOE-1	10/21/2025	Tetrahydrofuran	—	2100	0.095	1.4	ug/m3	0.14 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	10/21/2025	Toluene	440	—	0.092	0.77	ug/m3	1.0 ;
DOE-1	10/21/2025	Trichlorofluoromethane	1300	—	0.12	0.72	ug/m3	1.5 ;
DOE-2	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	ug/m3	0.59 J; J
DOE-2	10/21/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.63 J; J
DOE-2	10/21/2025	Benzene	0.097	—	0.12	0.78	ug/m3	0.24 J; J
DOE-2	10/21/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.54 ;
DOE-2	10/21/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.51 ;
DOE-2	10/21/2025	Dichlorodifluoromethane	—	100	0.13	0.77	ug/m3	2.7 ;
DOE-2	10/21/2025	Ethyl acetate	—	73	0.43	3	ug/m3	28 ;
DOE-2	10/21/2025	Isopropanol	—	210	0.33	3.1	ug/m3	0.52 J; J
DOE-2	10/21/2025	Methylene chloride	1	—	0.23	0.7	ug/m3	0.32 J; J
DOE-2	10/21/2025	Toluene	440	—	0.099	0.83	ug/m3	0.65 J; J
DOE-2	10/21/2025	Trichlorofluoromethane	1300	—	0.12	0.77	ug/m3	1.4 ;
DOE-3	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	ug/m3	0.57 J; J
DOE-3	10/21/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.54 J; J
DOE-3	10/21/2025	Benzene	0.097	—	0.12	0.79	ug/m3	0.22 J; J
DOE-3	10/21/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.51 ;
DOE-3	10/21/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.51 ;
DOE-3	10/21/2025	Dichlorodifluoromethane	—	100	0.13	0.78	ug/m3	2.7 ;
DOE-3	10/21/2025	Ethyl acetate	—	73	0.43	3	ug/m3	13 ;
DOE-3	10/21/2025	Isopropanol	—	210	0.34	3.2	ug/m3	0.47 J; J
DOE-3	10/21/2025	Methylene chloride	1	—	0.23	0.71	ug/m3	0.32 J; J
DOE-3	10/21/2025	Toluene	440	—	0.1	0.84	ug/m3	0.69 J; J
DOE-3	10/21/2025	Trichlorofluoromethane	1300	—	0.12	0.78	ug/m3	1.4 ;
DOE-4	10/21/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	ug/m3	0.56 J; J
DOE-4	10/21/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.62 J; J
DOE-4	10/21/2025	Acrolein	—	0.021	0.24	1.7	ug/m3	0.36 J; J

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	10/21/2025	Benzene	0.097	—	0.12	0.81	ug/m3	0.23 J; J
DOE-4	10/21/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.53 ;
DOE-4	10/21/2025	Chloromethane	—	94	0.14	0.33	ug/m3	0.51 ;
DOE-4	10/21/2025	Dichlorodifluoromethane	—	100	0.14	0.8	ug/m3	2.8 ;
DOE-4	10/21/2025	Ethyl acetate	—	73	0.44	3.1	ug/m3	12 ; J
DOE-4	10/21/2025	Isopropanol	—	210	0.35	3.3	ug/m3	0.48 J; J
DOE-4	10/21/2025	Methylene chloride	1	—	0.24	0.73	ug/m3	0.36 J; J
DOE-4	10/21/2025	Toluene	440	—	0.1	0.86	ug/m3	0.68 J; J
DOE-4	10/21/2025	Trichlorofluoromethane	1300	—	0.13	0.8	ug/m3	1.5 ;
DOE-1	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.13	0.79	ug/m3	0.49 J;
DOE-1	11/5/2025	2-butanone	—	5200	0.19	1.7	ug/m3	2.5 ;
DOE-1	11/5/2025	2-hexanone	—	31	0.11	1.8	ug/m3	0.25 J;
DOE-1	11/5/2025	Acrolein	—	0.021	0.26	1.9	ug/m3	1.2 J;
DOE-1	11/5/2025	Benzene	0.097	—	0.13	0.87	ug/m3	0.68 J;
DOE-1	11/5/2025	Bromomethane	—	5.2	0.13	0.36	ug/m3	0.13 J;
DOE-1	11/5/2025	Carbon disulfide	—	730	0.27	1.8	ug/m3	3.1 ;
DOE-1	11/5/2025	Carbon tetrachloride	—	0.47	0.13	0.17	ug/m3	0.40 ;
DOE-1	11/5/2025	Chloroform	—	0.12	0.12	0.18	ug/m3	0.18 ;
DOE-1	11/5/2025	Chloromethane	—	94	0.15	0.36	ug/m3	0.71 ;
DOE-1	11/5/2025	Dichlorodifluoromethane	—	100	0.15	0.86	ug/m3	3.1 ;
DOE-1	11/5/2025	Ethyl acetate	—	73	0.48	3.3	ug/m3	44 ;
DOE-1	11/5/2025	Hexane, n-	—	730	0.19	0.89	ug/m3	0.57 J;
DOE-1	11/5/2025	Isopropanol	—	210	0.38	3.5	ug/m3	1.0 J;
DOE-1	11/5/2025	m-xylene & p-xylene	—	100	0.24	1.8	ug/m3	0.25 J;
DOE-1	11/5/2025	N-heptane	—	420	0.15	0.89	ug/m3	0.24 J;
DOE-1	11/5/2025	Tetrahydrofuran	—	2100	0.11	1.7	ug/m3	0.14 J;
DOE-1	11/5/2025	Toluene	440	—	0.11	0.93	ug/m3	1.6 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	11/5/2025	Trichlorofluoromethane	1300	—	0.14	0.86	ug/m3	1.3 ;
DOE-1	11/5/2025	Vinyl acetate	—	210	2.1	9	ug/m3	4.7 J;
DOE-1	11/5/2025	Xylenes, total	—	100	0.24	1.8	ug/m3	0.25 J;
DOE-2	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.48 J;
DOE-2	11/5/2025	2-butanone	—	5200	0.16	1.5	ug/m3	1.0 J;
DOE-2	11/5/2025	Acrolein	—	0.021	0.22	1.6	ug/m3	0.55 J;
DOE-2	11/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.53 J;
DOE-2	11/5/2025	Carbon disulfide	—	730	0.24	1.5	ug/m3	2.4 ;
DOE-2	11/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.42 ;
DOE-2	11/5/2025	Chloroform	—	0.12	0.11	0.16	ug/m3	0.11 J;
DOE-2	11/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	1.3 ;
DOE-2	11/5/2025	Dichlorodifluoromethane	—	100	0.13	0.75	ug/m3	1.8 ;
DOE-2	11/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	63 ;
DOE-2	11/5/2025	Hexane, n-	—	730	0.16	0.77	ug/m3	0.26 J;
DOE-2	11/5/2025	Isopropanol	—	210	0.33	3	ug/m3	1.3 J;
DOE-2	11/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.43 J;
DOE-2	11/5/2025	m-xylene & p-xylene	—	100	0.21	1.6	ug/m3	0.23 J;
DOE-2	11/5/2025	N-heptane	—	420	0.13	0.77	ug/m3	0.14 J;
DOE-2	11/5/2025	Tetrahydrofuran	—	2100	0.099	1.5	ug/m3	1.3 J;
DOE-2	11/5/2025	Toluene	440	—	0.096	0.81	ug/m3	2.4 ;
DOE-2	11/5/2025	Trichlorofluoromethane	1300	—	0.12	0.75	ug/m3	1.2 ;
DOE-2	11/5/2025	Vinyl acetate	—	210	1.8	7.8	ug/m3	2.2 J;
DOE-2	11/5/2025	Xylenes, total	—	100	0.21	1.6	ug/m3	0.23 J;
DOE-3	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.099	0.6	ug/m3	0.47 J;
DOE-3	11/5/2025	2-butanone	—	5200	0.14	1.3	ug/m3	2.0 ;
DOE-3	11/5/2025	Acrolein	—	0.021	0.2	1.4	ug/m3	0.84 J;
DOE-3	11/5/2025	Benzene	0.097	—	0.1	0.66	ug/m3	0.55 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	11/5/2025	Carbon tetrachloride	—	0.47	0.096	0.13	ug/m3	0.42 ;
DOE-3	11/5/2025	Chloroform	—	0.12	0.092	0.14	ug/m3	0.14 ;
DOE-3	11/5/2025	Chloromethane	—	94	0.11	0.27	ug/m3	1.3 ;
DOE-3	11/5/2025	Dichlorodifluoromethane	—	100	0.11	0.66	ug/m3	1.8 ;
DOE-3	11/5/2025	Ethyl acetate	—	73	0.36	2.5	ug/m3	32 ;
DOE-3	11/5/2025	Ethylbenzene	—	1.1	0.098	0.72	ug/m3	0.13 J;
DOE-3	11/5/2025	Hexane, n-	—	730	0.14	0.68	ug/m3	0.33 J;
DOE-3	11/5/2025	Isopropanol	—	210	0.29	2.7	ug/m3	1.7 J;
DOE-3	11/5/2025	Methylene chloride	1	—	0.2	0.6	ug/m3	0.45 J;
DOE-3	11/5/2025	m-xylene & p-xylene	—	100	0.18	1.4	ug/m3	0.24 J;
DOE-3	11/5/2025	N-heptane	—	420	0.11	0.68	ug/m3	0.17 J;
DOE-3	11/5/2025	o-Xylene (1,2-dimethyl-benzene)	—	100	0.1	0.7	ug/m3	0.12 J;
DOE-3	11/5/2025	Tetrachloroethene	0.46	—	0.09	0.14	ug/m3	0.10 J;
DOE-3	11/5/2025	Toluene	440	—	0.085	0.71	ug/m3	1.9 ;
DOE-3	11/5/2025	Trichlorofluoromethane	1300	—	0.11	0.66	ug/m3	1.2 ;
DOE-3	11/5/2025	Vinyl acetate	—	210	1.6	6.9	ug/m3	1.9 J;
DOE-3	11/5/2025	Xylenes, total	—	100	0.18	1.4	ug/m3	0.36 J;
DOE-4	11/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.73	ug/m3	0.48 J;
DOE-4	11/5/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.84 J;
DOE-4	11/5/2025	Benzene	0.097	—	0.12	0.81	ug/m3	0.42 J;
DOE-4	11/5/2025	Carbon disulfide	—	730	0.25	1.7	ug/m3	0.33 J;
DOE-4	11/5/2025	Carbon tetrachloride	—	0.47	0.12	0.16	ug/m3	0.42 ;
DOE-4	11/5/2025	Chloromethane	—	94	0.14	0.33	ug/m3	1.2 ;
DOE-4	11/5/2025	Dichlorodifluoromethane	—	100	0.14	0.8	ug/m3	1.9 ;
DOE-4	11/5/2025	Ethyl acetate	—	73	0.45	3.1	ug/m3	18 ;
DOE-4	11/5/2025	Hexane, n-	—	730	0.17	0.83	ug/m3	0.27 J;
DOE-4	11/5/2025	Isopropanol	—	210	0.35	3.3	ug/m3	1.4 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	11/5/2025	Methylene chloride	1	—	0.24	0.73	ug/m3	0.48 J;
DOE-4	11/5/2025	m-xylene & p-xylene	—	100	0.22	1.7	ug/m3	0.24 J;
DOE-4	11/5/2025	N-heptane	—	420	0.14	0.83	ug/m3	0.15 J;
DOE-4	11/5/2025	Toluene	440	—	0.1	0.87	ug/m3	1.4 ;
DOE-4	11/5/2025	Trichlorofluoromethane	1300	—	0.13	0.8	ug/m3	1.2 ;
DOE-4	11/5/2025	Xylenes, total	—	100	0.22	1.7	ug/m3	0.24 J;
DOE-1	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.66	ug/m3	0.59 J;
DOE-1	11/20/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.44 J;
DOE-1	11/20/2025	Benzene	0.097	—	0.11	0.73	ug/m3	0.42 J;
DOE-1	11/20/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.53 ;
DOE-1	11/20/2025	Chloromethane	—	94	0.12	0.3	ug/m3	0.67 ;
DOE-1	11/20/2025	Dichlorodifluoromethane	—	100	0.13	0.73	ug/m3	2.9 ;
DOE-1	11/20/2025	Ethyl acetate	—	73	0.4	2.8	ug/m3	1.8 J;
DOE-1	11/20/2025	Hexane, n-	—	730	0.16	0.75	ug/m3	0.18 J;
DOE-1	11/20/2025	Isopropanol	—	210	0.32	3	ug/m3	0.45 J;
DOE-1	11/20/2025	Methylene chloride	1	—	0.22	0.66	ug/m3	0.57 J;
DOE-1	11/20/2025	Toluene	440	—	0.094	0.78	ug/m3	0.39 J;
DOE-1	11/20/2025	Trichlorofluoromethane	1300	—	0.12	0.73	ug/m3	1.4 ;
DOE-2	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	ug/m3	0.56 J;
DOE-2	11/20/2025	2-butanone	—	5200	0.16	1.4	ug/m3	0.33 J;
DOE-2	11/20/2025	Benzene	0.097	—	0.11	0.72	ug/m3	0.40 J;
DOE-2	11/20/2025	Carbon tetrachloride	—	0.47	0.1	0.14	ug/m3	0.50 ;
DOE-2	11/20/2025	Chloromethane	—	94	0.12	0.3	ug/m3	0.64 ;
DOE-2	11/20/2025	Dichlorodifluoromethane	—	100	0.12	0.71	ug/m3	2.8 ;
DOE-2	11/20/2025	Ethyl acetate	—	73	0.39	2.7	ug/m3	1.9 J;
DOE-2	11/20/2025	Hexane, n-	—	730	0.16	0.73	ug/m3	0.17 J;
DOE-2	11/20/2025	Isopropanol	—	210	0.31	2.9	ug/m3	0.52 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-2	11/20/2025	Methylene chloride	1	—	0.21	0.65	ug/m3	0.61 J;
DOE-2	11/20/2025	Toluene	440	—	0.092	0.77	ug/m3	0.38 J;
DOE-2	11/20/2025	Trichlorofluoromethane	1300	—	0.11	0.71	ug/m3	1.3 ;
DOE-3	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	ug/m3	0.58 J;
DOE-3	11/20/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.32 J;
DOE-3	11/20/2025	Benzene	0.097	—	0.11	0.74	ug/m3	0.33 J;
DOE-3	11/20/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.54 ;
DOE-3	11/20/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.68 ;
DOE-3	11/20/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	3.0 ;
DOE-3	11/20/2025	Ethyl acetate	—	73	0.41	2.8	ug/m3	1.3 J;
DOE-3	11/20/2025	Hexane, n-	—	730	0.16	0.76	ug/m3	0.16 J;
DOE-3	11/20/2025	Isopropanol	—	210	0.32	3	ug/m3	0.40 J;
DOE-3	11/20/2025	Methylene chloride	1	—	0.22	0.67	ug/m3	0.56 J;
DOE-3	11/20/2025	Toluene	440	—	0.095	0.8	ug/m3	0.33 J;
DOE-3	11/20/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.4 ;
DOE-4	11/20/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	ug/m3	0.56 J;
DOE-4	11/20/2025	2-butanone	—	5200	0.17	1.5	ug/m3	0.31 J;
DOE-4	11/20/2025	Benzene	0.097	—	0.12	0.77	ug/m3	0.30 J;
DOE-4	11/20/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.52 ;
DOE-4	11/20/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.65 ;
DOE-4	11/20/2025	Dichlorodifluoromethane	—	100	0.13	0.76	ug/m3	2.9 ;
DOE-4	11/20/2025	Ethyl acetate	—	73	0.42	2.9	ug/m3	0.60 J;
DOE-4	11/20/2025	Isopropanol	—	210	0.33	3.1	ug/m3	0.34 J;
DOE-4	11/20/2025	Methylene chloride	1	—	0.23	0.69	ug/m3	0.65 J;
DOE-4	11/20/2025	Toluene	440	—	0.098	0.82	ug/m3	0.31 J;
DOE-4	11/20/2025	Trichlorofluoromethane	1300	—	0.12	0.76	ug/m3	1.4 ;
DOE-1	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.49 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	12/5/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.22 J;
DOE-1	12/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.28 J;
DOE-1	12/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.41 ;
DOE-1	12/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.63 ;
DOE-1	12/5/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.2 ;
DOE-1	12/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	23 ;
DOE-1	12/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.33 J;
DOE-1	12/5/2025	Tetrahydrofuran	—	2100	0.098	1.5	ug/m3	0.12 J;
DOE-1	12/5/2025	Toluene	440	—	0.096	0.8	ug/m3	0.45 J;
DOE-1	12/5/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.1 ;
DOE-2	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.48 J;
DOE-2	12/5/2025	2-butanone	—	5200	0.16	1.5	ug/m3	0.44 J;
DOE-2	12/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.18 J;
DOE-2	12/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.25 ;
DOE-2	12/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.63 ;
DOE-2	12/5/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.2 ;
DOE-2	12/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	6.8 ;
DOE-2	12/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.31 J;
DOE-2	12/5/2025	Toluene	440	—	0.096	0.8	ug/m3	0.17 J;
DOE-2	12/5/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.1 ;
DOE-3	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.1	0.63	ug/m3	0.49 J;
DOE-3	12/5/2025	2-butanone	—	5200	0.15	1.4	ug/m3	0.27 J;
DOE-3	12/5/2025	Benzene	0.097	—	0.1	0.69	ug/m3	0.19 J;
DOE-3	12/5/2025	Carbon tetrachloride	—	0.47	0.1	0.14	ug/m3	0.44 ;
DOE-3	12/5/2025	Chloroform	—	0.12	0.097	0.14	ug/m3	0.15 ;
DOE-3	12/5/2025	Chloromethane	—	94	0.12	0.29	ug/m3	0.49 ;
DOE-3	12/5/2025	Dichlorodifluoromethane	—	100	0.12	0.69	ug/m3	2.3 ;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	12/5/2025	Ethyl acetate	—	73	0.38	2.7	ug/m3	11 ;
DOE-3	12/5/2025	Methylene chloride	1	—	0.2	0.63	ug/m3	1.1 ;
DOE-3	12/5/2025	Toluene	440	—	0.088	0.74	ug/m3	0.31 J;
DOE-3	12/5/2025	Trichlorofluoromethane	1300	—	0.11	0.69	ug/m3	1.1 ;
DOE-4	12/5/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	ug/m3	0.49 J;
DOE-4	12/5/2025	Benzene	0.097	—	0.11	0.75	ug/m3	0.17 J;
DOE-4	12/5/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.44 ;
DOE-4	12/5/2025	Chloroform	—	0.12	0.1	0.16	ug/m3	0.32 ;
DOE-4	12/5/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.60 ;
DOE-4	12/5/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.3 ;
DOE-4	12/5/2025	Ethyl acetate	—	73	0.41	2.9	ug/m3	1.2 J;
DOE-4	12/5/2025	Methylene chloride	1	—	0.22	0.68	ug/m3	0.31 J;
DOE-4	12/5/2025	Toluene	440	—	0.096	0.8	ug/m3	0.15 J;
DOE-4	12/5/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	1.1 ;
DOE-1	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	ug/m3	0.44 J;
DOE-1	12/16/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.17 J;
DOE-1	12/16/2025	Benzene	0.097	—	0.12	0.79	ug/m3	0.13 J;
DOE-1	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.37 ;
DOE-1	12/16/2025	Chloroform	—	0.12	0.11	0.16	ug/m3	0.17 ;
DOE-1	12/16/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.59 ;
DOE-1	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.78	ug/m3	1.9 ;
DOE-1	12/16/2025	Ethyl acetate	—	73	0.43	3	ug/m3	4.1 ;
DOE-1	12/16/2025	Methylene chloride	1	—	0.23	0.71	ug/m3	0.32 J;
DOE-1	12/16/2025	N-heptane	—	420	0.13	0.8	ug/m3	0.37 J;
DOE-1	12/16/2025	N-octane	—	100	0.18	0.82	ug/m3	0.91 ;
DOE-1	12/16/2025	Tetrahydrofuran	—	2100	0.1	1.5	ug/m3	0.68 J;
DOE-1	12/16/2025	Toluene	440	—	0.1	0.84	ug/m3	0.17 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.78	ug/m3	0.93 ;
DOE-2	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.7	ug/m3	0.46 J;
DOE-2	12/16/2025	2-butanone	—	5200	0.17	1.6	ug/m3	0.66 J;
DOE-2	12/16/2025	Acrolein	—	0.021	0.23	1.7	ug/m3	0.62 J;
DOE-2	12/16/2025	Carbon disulfide	—	730	0.24	1.6	ug/m3	0.51 J;
DOE-2	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.16	ug/m3	0.37 ;
DOE-2	12/16/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.59 ;
DOE-2	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.77	ug/m3	1.9 ;
DOE-2	12/16/2025	Ethyl acetate	—	73	0.43	3	ug/m3	1.6 J;
DOE-2	12/16/2025	Methylene chloride	1	—	0.23	0.7	ug/m3	0.24 J;
DOE-2	12/16/2025	Toluene	440	—	0.099	0.83	ug/m3	0.13 J;
DOE-2	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.77	ug/m3	0.94 ;
DOE-3	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.67	ug/m3	0.47 J;
DOE-3	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.39 ;
DOE-3	12/16/2025	Chloromethane	—	94	0.13	0.31	ug/m3	0.60 ;
DOE-3	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.74	ug/m3	2.0 ;
DOE-3	12/16/2025	Ethyl acetate	—	73	0.41	2.8	ug/m3	1.3 J;
DOE-3	12/16/2025	Methylene chloride	1	—	0.22	0.67	ug/m3	0.26 J;
DOE-3	12/16/2025	N-heptane	—	420	0.12	0.76	ug/m3	0.21 J;
DOE-3	12/16/2025	N-octane	—	100	0.18	0.77	ug/m3	0.67 J;
DOE-3	12/16/2025	Toluene	440	—	0.095	0.8	ug/m3	0.11 J;
DOE-3	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.74	ug/m3	0.99 ;
DOE-4	12/16/2025	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	ug/m3	0.43 J;
DOE-4	12/16/2025	Carbon tetrachloride	—	0.47	0.11	0.15	ug/m3	0.37 ;
DOE-4	12/16/2025	Chloromethane	—	94	0.13	0.32	ug/m3	0.59 ;
DOE-4	12/16/2025	Dichlorodifluoromethane	—	100	0.13	0.76	ug/m3	1.9 ;
DOE-4	12/16/2025	Ethyl acetate	—	73	0.42	2.9	ug/m3	1.2 J;

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	12/16/2025	Methylene chloride	1	—	0.23	0.69	ug/m3	0.25 J;
DOE-4	12/16/2025	N-heptane	—	420	0.13	0.78	ug/m3	0.20 J;
DOE-4	12/16/2025	N-octane	—	100	0.18	0.8	ug/m3	0.78 J;
DOE-4	12/16/2025	Toluene	440	—	0.098	0.82	ug/m3	0.17 J;
DOE-4	12/16/2025	Trichlorofluoromethane	1300	—	0.12	0.76	ug/m3	0.94 ;

Notes:

Bold text indicates that the result is above method reporting limit.

Peach shading indicates that the result is above DTSC HHRA NOTE 3.

Pink shading indicates that the result is above the US EPA RSL.

MDL = method detection limit

MRL = method reporting limit

µg/m³ = micrograms per meter cubed

“—” indicates no value

J- = The result is an estimated quantity, but the result may be biased low

V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound

J = Result is an estimated quantity. Associated numerical value is approximate concentration of analyte in sample.

D = Dilution

; = separates lab qualifiers from data validation qualifiers. If no qualifier(s) then just the ; may be reported.

APPENDIX C

Radiological Results

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Table C-1. Gross alpha and gross beta air sample results for air samplers, Q4/2025.

Quarter	Air Station ID	Sample Collection Date	Gross Alpha ($\mu\text{Ci/mL}$)	Gross Alpha MDC ($\mu\text{Ci/mL}$)	Gross Beta ($\mu\text{Ci/mL}$)	Gross Beta MDC ($\mu\text{Ci/mL}$)
Sample Location – DOE-1						
25Q4	DOE-1	10/3/2025	3.71E-15	4.41E-15	6.56E-14	2.07E-14
25Q4	DOE-1	10/6/2025	4.89E-15	5.83E-15	4.97E-14	2.74E-14
25Q4	DOE-1	10/10/2025	2.45E-15	4.42E-15	6.46E-14	2.07E-14
25Q4	DOE-1	10/13/2025	9.34E-16	5.95E-15	4.21E-14	2.79E-14
25Q4	DOE-1	10/17/2025	-3.12E-16	4.42E-15	4.28E-14	2.08E-14
25Q4	DOE-1	10/20/2025	2.59E-15	5.86E-15	9.29E-14	2.75E-14
25Q4	DOE-1	10/24/2025	2.97E-15	4.45E-15	1.00E-13	2.09E-14
25Q4	DOE-1	10/27/2025	4.26E-15	5.86E-15	8.05E-14	2.75E-14
25Q4	DOE-1	10/31/2025	-6.04E-17	4.42E-15	5.24E-14	2.08E-14
25Q4	DOE-1	11/3/2025	4.88E-15	6.37E-15	1.25E-13	2.67E-14
25Q4	DOE-1	11/7/2025	3.25E-15	4.91E-15	9.25E-14	2.06E-14
25Q4	DOE-1	11/10/2025	5.65E-16	6.44E-15	5.46E-14	2.70E-14
25Q4	DOE-1	11/13/2025	2.89E-15	6.38E-15	6.91E-14	2.67E-14
25Q4	DOE-1	11/17/2025	1.48E-15	4.98E-15	5.23E-14	2.08E-14
25Q4	DOE-1	11/21/2025	-5.78E-16	4.78E-15	2.87E-14	2.00E-14
25Q4	DOE-1	11/24/2025	-2.51E-15	6.56E-15	7.36E-14	2.75E-14
25Q4	DOE-1	11/26/2025	-5.10E-15	9.48E-15	5.59E-14	3.97E-14
25Q4	DOE-1	12/1/2025	6.97E-15	3.62E-15	9.69E-14	1.67E-14
25Q4	DOE-1	12/5/2025	4.74E-15	4.37E-15	6.51E-14	2.01E-14
25Q4	DOE-1	12/8/2025	1.13E-15	6.11E-15	5.73E-14	2.82E-14
25Q4	DOE-1	12/12/2025	3.05E-15	4.42E-15	4.43E-14	2.04E-14
25Q4	DOE-1	12/15/2025	1.10E-15	5.98E-15	1.25E-13	2.75E-14
25Q4	DOE-1	12/19/2025	4.05E-15	4.42E-15	6.52E-14	2.04E-14
25Q4	DOE-1	12/22/2025	5.81E-15	5.97E-15	1.00E-13	2.75E-14
25Q4	DOE-1	12/26/2025	1.59E-15	4.50E-15	2.91E-14	2.07E-14
25Q4	DOE-1	12/29/2025	-5.68E-16	5.87E-15	1.53E-14	2.71E-14
Sample Location – DOE-2						
25Q4	DOE-2	10/3/2025	2.72E-15	4.44E-15	3.76E-14	2.09E-14
25Q4	DOE-2	10/6/2025	4.52E-15	5.78E-15	5.56E-14	2.71E-14
25Q4	DOE-2	10/10/2025	3.46E-15	4.42E-15	6.92E-14	2.07E-14
25Q4	DOE-2	10/13/2025	1.27E-15	5.95E-15	3.60E-14	2.79E-14
25Q4	DOE-2	10/17/2025	2.96E-15	4.42E-15	3.26E-14	2.08E-14
25Q4	DOE-2	10/20/2025	6.26E-15	5.87E-15	9.90E-14	2.75E-14
25Q4	DOE-2	10/24/2025	-6.06E-17	4.44E-15	7.20E-14	2.08E-14
25Q4	DOE-2	10/27/2025	3.92E-15	5.86E-15	7.51E-14	2.75E-14

Quarter	Air Station ID	Sample Collection Date	Gross Alpha ($\mu\text{Ci/mL}$)	Gross Alpha MDC ($\mu\text{Ci/mL}$)	Gross Beta ($\mu\text{Ci/mL}$)	Gross Beta MDC ($\mu\text{Ci/mL}$)
25Q4	DOE-2	10/31/2025	1.70E-15	4.42E-15	5.51E-14	2.08E-14
25Q4	DOE-2	11/3/2025	2.86E-15	6.32E-15	1.03E-13	2.65E-14
25Q4	DOE-2	11/7/2025	4.28E-15	4.91E-15	1.02E-13	2.06E-14
25Q4	DOE-2	11/11/2025	-4.44E-16	6.44E-15	6.91E-14	2.70E-14
25Q4	DOE-2	11/13/2025	2.22E-15	6.38E-15	4.92E-14	2.67E-14
25Q4	DOE-2	11/17/2025	1.77E-16	4.98E-15	3.92E-14	2.08E-14
25Q4	DOE-2	11/21/2025	1.69E-16	4.77E-15	2.37E-14	2.00E-14
25Q4	DOE-2	11/24/2025	9.20E-16	6.57E-15	1.79E-14	2.75E-14
25Q4	DOE-2	11/26/2025	-1.58E-16	9.46E-15	5.11E-14	3.96E-14
25Q4	DOE-2	12/1/2025	2.91E-15	3.62E-15	6.41E-14	1.67E-14
25Q4	DOE-2	12/5/2025	2.52E-15	4.36E-15	8.01E-14	2.01E-14
25Q4	DOE-2	12/8/2025	2.17E-15	6.13E-15	6.95E-14	2.83E-14
25Q4	DOE-2	12/12/2025	2.80E-15	4.41E-15	5.35E-14	2.04E-14
25Q4	DOE-2	12/15/2025	5.47E-15	5.97E-15	9.91E-14	2.75E-14
25Q4	DOE-2	12/19/2025	1.58E-15	4.47E-15	5.55E-14	2.06E-14
25Q4	DOE-2	12/22/2025	4.72E-15	5.88E-15	5.52E-14	2.71E-14
25Q4	DOE-2	12/26/2025	-2.47E-15	4.51E-15	3.21E-14	2.08E-14
25Q4	DOE-2	12/29/2025	3.73E-15	5.87E-15	1.71E-14	2.71E-14
Sample Location – DOE-3						
25Q4	DOE-3	10/3/2025	1.71E-15	4.44E-15	1.94E-14	2.08E-14
25Q4	DOE-3	10/6/2025	4.21E-15	5.79E-15	3.93E-14	2.72E-14
25Q4	DOE-3	10/10/2025	6.93E-16	4.41E-15	4.14E-14	2.07E-14
25Q4	DOE-3	10/13/2025	-4.19E-16	5.95E-15	4.82E-14	2.79E-14
25Q4	DOE-3	10/17/2025	3.21E-15	4.43E-15	4.18E-14	2.08E-14
25Q4	DOE-3	10/20/2025	4.92E-15	5.86E-15	6.24E-14	2.75E-14
25Q4	DOE-3	10/24/2025	3.47E-15	4.44E-15	5.37E-14	2.08E-14
25Q4	DOE-3	10/27/2025	1.92E-15	5.85E-15	4.57E-14	2.75E-14
25Q4	DOE-3	10/31/2025	1.19E-15	4.41E-15	2.83E-14	2.07E-14
25Q4	DOE-3	11/3/2025	1.56E-15	6.37E-15	7.46E-14	2.67E-14
25Q4	DOE-3	11/7/2025	2.22E-15	4.90E-15	6.90E-14	2.05E-14
25Q4	DOE-3	11/11/2025	-1.08E-16	6.46E-15	5.80E-14	2.71E-14
25Q4	DOE-3	11/13/2025	1.23E-15	6.38E-15	3.31E-14	2.67E-14
25Q4	DOE-3	11/17/2025	1.47E-15	4.97E-15	3.92E-14	2.08E-14
25Q4	DOE-3	11/21/2025	-8.27E-16	4.77E-15	3.76E-14	2.00E-14
25Q4	DOE-3	11/24/2025	2.29E-15	6.57E-15	1.68E-14	2.75E-14
25Q4	DOE-3	11/26/2025	2.78E-15	9.39E-15	6.05E-14	3.93E-14
25Q4	DOE-3	12/1/2025	3.94E-15	3.63E-15	5.96E-14	1.68E-14

Quarter	Air Station ID	Sample Collection Date	Gross Alpha ($\mu\text{Ci/mL}$)	Gross Alpha MDC ($\mu\text{Ci/mL}$)	Gross Beta ($\mu\text{Ci/mL}$)	Gross Beta MDC ($\mu\text{Ci/mL}$)
25Q4	DOE-3	12/5/2025	3.50E-15	4.36E-15	4.58E-14	2.01E-14
25Q4	DOE-3	12/8/2025	1.82E-15	6.13E-15	7.21E-14	2.82E-14
25Q4	DOE-3	12/12/2025	1.31E-15	4.42E-15	2.89E-14	2.04E-14
25Q4	DOE-3	12/15/2025	1.10E-15	5.98E-15	7.21E-14	2.76E-14
25Q4	DOE-3	12/19/2025	1.84E-15	4.49E-15	6.06E-14	2.07E-14
25Q4	DOE-3	12/22/2025	1.09E-15	5.89E-15	5.94E-14	2.71E-14
25Q4	DOE-3	12/26/2025	3.37E-15	4.51E-15	8.01E-15	2.08E-14
25Q4	DOE-3	12/29/2025	-1.23E-15	5.87E-15	1.74E-14	2.71E-14
Sample Location – DOE-4						
25Q4	DOE-4	10/3/2025	2.21E-15	4.44E-15	5.48E-14	2.08E-14
25Q4	DOE-4	10/6/2025	1.89E-15	5.78E-15	3.26E-14	2.71E-14
25Q4	DOE-4	10/10/2025	6.93E-16	4.42E-15	4.14E-14	2.07E-14
25Q4	DOE-4	10/13/2025	2.96E-15	5.95E-15	3.89E-14	2.79E-14
25Q4	DOE-4	10/17/2025	1.45E-15	4.42E-15	1.13E-14	2.08E-14
25Q4	DOE-4	10/20/2025	1.26E-15	5.87E-15	1.07E-13	2.75E-14
25Q4	DOE-4	10/24/2025	5.24E-15	4.44E-15	7.54E-14	2.08E-14
25Q4	DOE-4	10/27/2025	3.91E-15	5.85E-15	1.10E-13	2.75E-14
25Q4	DOE-4	10/31/2025	6.91E-16	4.40E-15	6.84E-14	2.07E-14
25Q4	DOE-4	11/3/2025	3.54E-15	6.36E-15	1.24E-13	2.66E-14
25Q4	DOE-4	11/7/2025	2.99E-15	4.91E-15	8.50E-14	2.06E-14
25Q4	DOE-4	11/10/2025	-1.08E-16	6.44E-15	5.53E-14	2.70E-14
25Q4	DOE-4	11/13/2025	2.27E-16	6.40E-15	7.57E-14	2.68E-14
25Q4	DOE-4	11/17/2025	1.47E-15	4.95E-15	2.19E-14	2.07E-14
25Q4	DOE-4	11/21/2025	2.38E-15	5.94E-15	4.03E-14	2.49E-14
25Q4	DOE-4	11/24/2025	9.24E-16	6.61E-15	3.64E-14	2.77E-14
25Q4	DOE-4	11/26/2025	1.80E-15	9.39E-15	1.25E-13	3.94E-14
25Q4	DOE-4	12/1/2025	7.01E-15	3.63E-15	8.21E-14	1.68E-14
25Q4	DOE-4	12/5/2025	6.69E-15	4.36E-15	5.44E-14	2.01E-14
25Q4	DOE-4	12/8/2025	5.27E-15	6.13E-15	5.53E-14	2.82E-14
25Q4	DOE-4	12/12/2025	2.56E-15	4.42E-15	5.44E-14	2.04E-14
25Q4	DOE-4	12/15/2025	3.46E-15	5.97E-15	9.34E-14	2.75E-14
25Q4	DOE-4	12/19/2025	-6.83E-16	4.46E-15	5.86E-14	2.06E-14
25Q4	DOE-4	12/22/2025	3.40E-15	5.88E-15	7.93E-14	2.71E-14
25Q4	DOE-4	12/26/2025	2.09E-15	4.50E-15	6.15E-14	2.07E-14

Note: Results less than the MDC are noted in the table as negative numbers.

Table C-2. Gross alpha and gross beta air sample results for air samplers, Q1/2025–Q4/2025.

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
Sample location DOE-1						
25Q1	DOE-1	1/3/2025	4.42E-15	6.73E-15	9.02E-14	2.81E-14
25Q1	DOE-1	1/6/2025	4.70E-15	6.64E-15	3.15E-14	2.78E-14
25Q1	DOE-1	1/10/2025	2.00E-15	4.93E-15	2.21E-14	2.06E-14
25Q1	DOE-1	1/13/2025	-3.38E-16	6.69E-15	3.03E-14	2.80E-14
25Q1	DOE-1	1/17/2025	2.25E-15	4.95E-15	4.28E-14	2.07E-14
25Q1	DOE-1	1/20/2025	5.02E-15	6.61E-15	1.39E-13	2.77E-14
25Q1	DOE-1	1/24/2025	2.53E-16	5.00E-15	4.40E-14	2.09E-14
25Q1	DOE-1	1/28/2025	3.01E-15	4.95E-15	2.93E-14	2.07E-14
25Q1	DOE-1	1/31/2025	3.00E-15	6.59E-15	1.13E-13	2.76E-14
25Q1	DOE-1	2/3/2025	1.88E-15	6.79E-15	1.36E-13	2.83E-14
25Q1	DOE-1	2/7/2025	2.62E-15	4.97E-15	1.97E-14	2.07E-14
25Q1	DOE-1	2/10/2025	-8.39E-16	6.74E-15	4.26E-14	2.81E-14
25Q1	DOE-1	2/14/2025	6.30E-16	4.98E-15	2.93E-14	2.08E-14
25Q1	DOE-1	2/17/2025	5.19E-16	6.80E-15	2.26E-14	2.84E-14
25Q1	DOE-1	2/21/2025	2.38E-15	4.99E-15	4.99E-14	2.08E-14
25Q1	DOE-1	2/24/2025	-1.83E-15	6.65E-15	6.08E-14	2.77E-14
25Q1	DOE-1	2/28/2025	-1.88E-15	5.01E-15	4.90E-14	2.09E-14
25Q1	DOE-1	3/3/2025	-1.59E-15	7.08E-15	6.26E-14	2.73E-14
25Q1	DOE-1	3/7/2025	-2.93E-15	5.27E-15	1.82E-14	2.03E-14
25Q1	DOE-1	3/10/2025	-9.24E-16	7.15E-15	4.11E-14	2.76E-14
25Q1	DOE-1	3/14/2025	2.06E-15	5.23E-15	1.78E-14	2.02E-14
25Q1	DOE-1	3/17/2025	1.45E-15	7.14E-15	2.43E-14	2.75E-14
25Q1	DOE-1	3/21/2025	-9.27E-16	5.24E-15	4.27E-14	2.02E-14
25Q1	DOE-1	3/24/2025	-1.58E-15	7.05E-15	6.34E-14	2.72E-14
25Q1	DOE-1	3/28/2025	-2.44E-15	5.29E-15	3.46E-14	2.04E-14
25Q1	DOE-1	3/31/2025	-1.91E-15	7.03E-15	3.94E-14	2.71E-14
25Q2	DOE-1	4/4/2025	-1.53E-15	4.79E-15	3.84E-14	2.08E-14
25Q2	DOE-1	4/7/2025	1.28E-15	6.22E-15	6.14E-14	2.70E-14
25Q2	DOE-1	4/11/2025	3.03E-15	4.85E-15	7.11E-14	2.10E-14
25Q2	DOE-1	4/14/2025	-1.70E-15	6.39E-15	8.31E-14	2.77E-14
25Q2	DOE-1	4/17/2025	-1.01E-15	6.25E-15	7.90E-14	2.71E-14
25Q2	DOE-1	4/21/2025	2.53E-15	4.86E-15	7.47E-14	2.10E-14
25Q2	DOE-1	4/25/2025	1.22E-15	4.73E-15	6.68E-14	2.05E-14
25Q2	DOE-1	4/28/2025	2.32E-15	6.41E-15	1.95E-14	2.77E-14
25Q2	DOE-1	5/2/2025	2.04E-15	4.60E-15	5.68E-14	2.08E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q2	DOE-1	5/5/2025	5.03E-15	6.08E-15	2.40E-14	2.75E-14
25Q2	DOE-1	5/9/2025	2.55E-15	4.61E-15	4.35E-14	2.09E-14
25Q2	DOE-1	5/12/2025	2.72E-15	6.14E-15	6.65E-14	2.78E-14
25Q2	DOE-1	5/16/2025	1.02E-15	4.58E-15	5.39E-14	2.07E-14
25Q2	DOE-1	5/20/2025	2.80E-15	4.61E-15	8.08E-14	2.09E-14
25Q2	DOE-1	5/23/2025	-9.71E-16	6.07E-15	5.62E-14	2.75E-14
25Q2	DOE-1	5/27/2025	7.65E-16	4.54E-15	2.79E-14	2.05E-14
25Q2	DOE-1	5/30/2025	-3.14E-16	6.23E-15	7.11E-14	2.82E-14
25Q2	DOE-1	6/2/2025	6.14E-15	5.97E-15	7.60E-14	2.71E-14
25Q2	DOE-1	6/6/2025	1.61E-15	4.43E-15	2.29E-14	2.01E-14
25Q2	DOE-1	6/9/2025	2.85E-15	6.01E-15	4.88E-14	2.73E-14
25Q2	DOE-1	6/13/2025	2.61E-15	4.46E-15	4.43E-14	2.03E-14
25Q2	DOE-1	6/16/2025	3.83E-15	5.99E-15	8.72E-14	2.72E-14
25Q2	DOE-1	6/20/2025	8.79E-16	4.46E-15	6.07E-14	2.03E-14
25Q2	DOE-1	6/23/2025	3.83E-15	5.99E-15	6.67E-14	2.72E-14
25Q2	DOE-1	6/27/2025	2.14E-15	4.52E-15	2.60E-14	2.05E-14
25Q2	DOE-1	6/30/2025	-4.74E-16	5.95E-15	5.78E-14	2.70E-14
25Q3	DOE-1	7/3/2025	5.00E-15	6.28E-15	5.86E-14	2.73E-14
25Q3	DOE-1	7/7/2025	2.25E-15	4.74E-15	4.02E-14	2.06E-14
25Q3	DOE-1	7/11/2025	3.98E-15	4.68E-15	5.76E-14	2.04E-14
25Q3	DOE-1	7/14/2025	3.66E-15	6.29E-15	4.47E-14	2.73E-14
25Q3	DOE-1	7/18/2025	2.47E-15	4.69E-15	4.80E-14	2.04E-14
25Q3	DOE-1	7/21/2025	2.36E-15	6.41E-15	7.00E-14	2.78E-14
25Q3	DOE-1	7/25/2025	-1.28E-15	4.66E-15	5.04E-14	2.03E-14
25Q3	DOE-1	7/29/2025	-2.86E-16	4.78E-15	3.40E-14	2.08E-14
25Q3	DOE-1	8/1/2025	6.17E-15	6.05E-15	6.11E-14	2.70E-14
25Q3	DOE-1	8/4/2025	1.51E-15	6.14E-15	5.60E-14	2.74E-14
25Q3	DOE-1	8/8/2025	4.14E-15	4.56E-15	6.83E-14	2.03E-14
25Q3	DOE-1	8/11/2025	3.22E-15	6.17E-15	5.13E-14	2.75E-14
25Q3	DOE-1	8/15/2025	3.18E-15	4.62E-15	6.83E-14	2.06E-14
25Q3	DOE-1	8/18/2025	2.49E-15	6.06E-15	4.97E-14	2.70E-14
25Q3	DOE-1	8/22/2025	3.16E-15	4.61E-15	5.63E-14	2.05E-14
25Q3	DOE-1	8/25/2025	3.17E-15	6.09E-15	7.10E-14	2.71E-14
25Q3	DOE-1	8/29/2025	2.13E-15	4.58E-15	4.57E-14	2.04E-14
25Q3	DOE-1	9/2/2025	3.44E-15	4.62E-15	7.50E-14	2.04E-14
25Q3	DOE-1	9/5/2025	1.64E-15	6.39E-15	6.24E-14	2.82E-14
25Q3	DOE-1	9/8/2025	3.86E-15	6.06E-15	4.52E-14	2.68E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q3	DOE-1	9/12/2025	-2.14E-15	4.76E-15	2.30E-14	2.10E-14
25Q3	DOE-1	9/16/2025	1.97E-15	4.68E-15	5.43E-14	2.07E-14
25Q3	DOE-1	9/19/2025	-9.54E-17	6.26E-15	9.21E-14	2.77E-14
25Q3	DOE-1	9/22/2025	1.27E-15	6.25E-15	6.36E-14	2.76E-14
25Q3	DOE-1	9/26/2025	-5.85E-16	4.72E-15	6.21E-14	2.09E-14
25Q3	DOE-1	9/29/2025	-9.43E-17	6.19E-15	6.90E-14	2.74E-14
25Q4	DOE-1	10/3/2025	3.71E-15	4.41E-15	6.56E-14	2.07E-14
25Q4	DOE-1	10/6/2025	4.89E-15	5.83E-15	4.97E-14	2.74E-14
25Q4	DOE-1	10/10/2025	2.45E-15	4.42E-15	6.46E-14	2.07E-14
25Q4	DOE-1	10/13/2025	9.34E-16	5.95E-15	4.21E-14	2.79E-14
25Q4	DOE-1	10/17/2025	-3.12E-16	4.42E-15	4.28E-14	2.08E-14
25Q4	DOE-1	10/20/2025	2.59E-15	5.86E-15	9.29E-14	2.75E-14
25Q4	DOE-1	10/24/2025	2.97E-15	4.45E-15	1.00E-13	2.09E-14
25Q4	DOE-1	10/27/2025	4.26E-15	5.86E-15	8.05E-14	2.75E-14
25Q4	DOE-1	10/31/2025	-6.04E-17	4.42E-15	5.24E-14	2.08E-14
25Q4	DOE-1	11/3/2025	4.88E-15	6.37E-15	1.25E-13	2.67E-14
25Q4	DOE-1	11/7/2025	3.25E-15	4.91E-15	9.25E-14	2.06E-14
25Q4	DOE-1	11/10/2025	5.65E-16	6.44E-15	5.46E-14	2.70E-14
25Q4	DOE-1	11/13/2025	2.89E-15	6.38E-15	6.91E-14	2.67E-14
25Q4	DOE-1	11/17/2025	1.48E-15	4.98E-15	5.23E-14	2.08E-14
25Q4	DOE-1	11/21/2025	-5.78E-16	4.78E-15	2.87E-14	2.00E-14
25Q4	DOE-1	11/24/2025	-2.51E-15	6.56E-15	7.36E-14	2.75E-14
25Q4	DOE-1	11/26/2025	-5.10E-15	9.48E-15	5.59E-14	3.97E-14
25Q4	DOE-1	12/1/2025	6.97E-15	3.62E-15	9.69E-14	1.67E-14
25Q4	DOE-1	12/5/2025	4.74E-15	4.37E-15	6.51E-14	2.01E-14
25Q4	DOE-1	12/8/2025	1.13E-15	6.11E-15	5.73E-14	2.82E-14
25Q4	DOE-1	12/12/2025	3.05E-15	4.42E-15	4.43E-14	2.04E-14
25Q4	DOE-1	12/15/2025	1.10E-15	5.98E-15	1.25E-13	2.75E-14
25Q4	DOE-1	12/19/2025	4.05E-15	4.42E-15	6.52E-14	2.04E-14
25Q4	DOE-1	12/22/2025	5.81E-15	5.97E-15	1.00E-13	2.75E-14
25Q4	DOE-1	12/26/2025	1.59E-15	4.50E-15	2.91E-14	2.07E-14
25Q4	DOE-1	12/29/2025	-5.68E-16	5.87E-15	1.53E-14	2.71E-14
Sample location DOE-2						
25Q1	DOE-2	1/3/2025	6.45E-15	6.71E-15	6.05E-14	2.80E-14
25Q1	DOE-2	1/6/2025	0.00E+00	6.66E-15	4.98E-14	2.78E-14
25Q1	DOE-2	1/10/2025	2.49E-16	4.93E-15	2.58E-14	2.06E-14
25Q1	DOE-2	1/13/2025	2.71E-15	6.69E-15	6.61E-14	2.80E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q1	DOE-2	1/17/2025	3.76E-15	4.95E-15	6.61E-14	2.07E-14
25Q1	DOE-2	1/20/2025	6.20E-15	6.81E-15	1.34E-13	2.85E-14
25Q1	DOE-2	1/24/2025	3.04E-15	5.00E-15	4.33E-14	2.09E-14
25Q1	DOE-2	1/31/2025	3.97E-15	7.14E-15	8.50E-14	2.98E-14
25Q1	DOE-2	2/3/2025	3.58E-15	6.79E-15	1.11E-13	2.83E-14
25Q1	DOE-2	2/7/2025	-1.36E-15	4.97E-15	1.89E-14	2.07E-14
25Q1	DOE-2	2/10/2025	3.90E-15	6.75E-15	2.57E-14	2.82E-14
25Q1	DOE-2	2/14/2025	3.79E-16	4.98E-15	2.69E-14	2.08E-14
25Q1	DOE-2	2/17/2025	-8.48E-16	6.81E-15	4.27E-14	2.84E-14
25Q1	DOE-2	2/21/2025	-6.20E-16	4.99E-15	4.56E-14	2.08E-14
25Q1	DOE-2	2/24/2025	8.40E-16	6.65E-15	6.93E-14	2.77E-14
25Q1	DOE-2	2/28/2025	8.84E-16	5.01E-15	2.87E-14	2.09E-14
25Q1	DOE-2	3/3/2025	-4.27E-15	7.06E-15	4.37E-14	2.72E-14
25Q1	DOE-2	3/7/2025	-1.68E-15	5.27E-15	1.76E-14	2.03E-14
25Q1	DOE-2	3/10/2025	-3.98E-15	7.14E-15	3.18E-14	2.75E-14
25Q1	DOE-2	3/14/2025	-1.17E-15	5.22E-15	3.26E-14	2.01E-14
25Q1	DOE-2	3/17/2025	-1.27E-15	7.16E-15	3.54E-14	2.76E-14
25Q1	DOE-2	3/21/2025	6.98E-17	5.24E-15	4.40E-14	2.02E-14
25Q1	DOE-2	3/24/2025	2.79E-15	7.09E-15	4.57E-14	2.73E-14
25Q1	DOE-2	3/28/2025	8.24E-16	5.29E-15	3.51E-14	2.04E-14
25Q1	DOE-2	3/31/2025	-2.91E-15	7.03E-15	1.48E-14	2.71E-14
25Q2	DOE-2	4/4/2025	1.24E-15	4.79E-15	1.33E-14	2.08E-14
25Q2	DOE-2	4/7/2025	6.26E-16	6.22E-15	8.25E-14	2.69E-14
25Q2	DOE-2	4/11/2025	3.03E-15	4.85E-15	7.11E-14	2.10E-14
25Q2	DOE-2	4/14/2025	3.08E-16	6.39E-15	5.34E-14	2.77E-14
25Q2	DOE-2	4/17/2025	3.01E-16	6.25E-15	3.51E-14	2.71E-14
25Q2	DOE-2	4/21/2025	4.88E-16	4.85E-15	4.51E-14	2.10E-14
25Q2	DOE-2	4/25/2025	1.22E-15	4.74E-15	5.65E-14	2.05E-14
25Q2	DOE-2	4/28/2025	-2.04E-15	6.40E-15	2.24E-14	2.77E-14
25Q2	DOE-2	5/2/2025	2.78E-15	4.59E-15	3.25E-14	2.08E-14
25Q2	DOE-2	5/5/2025	2.36E-15	6.09E-15	4.39E-14	2.76E-14
25Q2	DOE-2	5/9/2025	1.28E-15	4.61E-15	5.45E-14	2.09E-14
25Q2	DOE-2	5/12/2025	2.38E-15	6.12E-15	3.04E-14	2.76E-14
25Q2	DOE-2	5/16/2025	-2.30E-16	4.57E-15	2.22E-14	2.06E-14
25Q2	DOE-2	5/20/2025	-4.83E-16	4.59E-15	2.81E-14	2.07E-14
25Q2	DOE-2	5/23/2025	3.58E-16	6.05E-15	3.42E-14	2.72E-14
25Q2	DOE-2	5/27/2025	-4.75E-16	4.52E-15	1.40E-14	2.03E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q2	DOE-2	5/30/2025	1.05E-15	6.21E-15	2.11E-14	2.80E-14
25Q2	DOE-2	6/2/2025	5.15E-16	5.96E-15	5.51E-14	2.71E-14
25Q2	DOE-2	6/6/2025	2.34E-15	4.43E-15	3.78E-14	2.01E-14
25Q2	DOE-2	6/9/2025	2.52E-15	6.01E-15	5.30E-14	2.73E-14
25Q2	DOE-2	6/13/2025	1.38E-16	4.46E-15	2.43E-14	2.03E-14
25Q2	DOE-2	6/16/2025	2.17E-15	5.98E-15	4.44E-14	2.72E-14
25Q2	DOE-2	6/20/2025	2.85E-15	4.46E-15	6.62E-14	2.03E-14
25Q2	DOE-2	6/23/2025	4.82E-15	5.98E-15	2.52E-14	2.72E-14
25Q2	DOE-2	6/27/2025	2.39E-15	4.52E-15	2.17E-14	2.05E-14
25Q2	DOE-2	6/30/2025	2.16E-15	5.95E-15	4.23E-14	2.70E-14
25Q3	DOE-2	7/3/2025	1.30E-15	6.27E-15	3.89E-14	2.72E-14
25Q3	DOE-2	7/7/2025	3.26E-15	4.73E-15	6.27E-14	2.06E-14
25Q3	DOE-2	7/11/2025	3.73E-15	4.69E-15	6.25E-14	2.04E-14
25Q3	DOE-2	7/14/2025	1.97E-15	6.28E-15	2.68E-14	2.73E-14
25Q3	DOE-2	7/18/2025	2.23E-15	4.69E-15	1.44E-14	2.04E-14
25Q3	DOE-2	7/21/2025	2.69E-15	6.40E-15	3.97E-14	2.78E-14
25Q3	DOE-2	7/25/2025	1.97E-15	4.67E-15	2.10E-14	2.03E-14
25Q3	DOE-2	7/29/2025	-1.56E-15	4.78E-15	1.93E-14	2.08E-14
25Q3	DOE-2	8/1/2025	6.50E-15	6.05E-15	2.79E-14	2.70E-14
25Q3	DOE-2	8/4/2025	5.23E-15	6.14E-15	7.76E-14	2.74E-14
25Q3	DOE-2	8/8/2025	5.64E-15	4.55E-15	7.41E-14	2.03E-14
25Q3	DOE-2	8/11/2025	1.51E-15	6.17E-15	2.81E-14	2.75E-14
25Q3	DOE-2	8/15/2025	-1.43E-16	4.62E-15	2.08E-14	2.06E-14
25Q3	DOE-2	8/18/2025	1.49E-15	6.06E-15	3.81E-14	2.70E-14
25Q3	DOE-2	8/22/2025	1.64E-15	4.60E-15	5.46E-14	2.05E-14
25Q3	DOE-2	8/25/2025	3.51E-15	6.10E-15	4.11E-14	2.72E-14
25Q3	DOE-2	8/29/2025	8.69E-16	4.57E-15	3.19E-14	2.04E-14
25Q3	DOE-2	9/2/2025	4.69E-15	4.61E-15	4.84E-14	2.04E-14
25Q3	DOE-2	9/5/2025	2.34E-15	6.40E-15	7.13E-14	2.83E-14
25Q3	DOE-2	9/8/2025	8.96E-16	6.06E-15	6.37E-14	2.68E-14
25Q3	DOE-2	9/12/2025	7.05E-16	4.77E-15	1.26E-14	2.11E-14
25Q3	DOE-2	9/16/2025	3.49E-15	4.68E-15	3.79E-14	2.07E-14
25Q3	DOE-2	9/19/2025	5.86E-16	6.27E-15	5.22E-14	2.77E-14
25Q3	DOE-2	9/22/2025	2.45E-16	6.25E-15	5.20E-14	2.76E-14
25Q3	DOE-2	9/26/2025	-5.85E-16	4.72E-15	5.50E-14	2.08E-14
25Q3	DOE-2	9/29/2025	1.25E-15	6.19E-15	4.19E-14	2.73E-14
25Q4	DOE-2	10/3/2025	2.72E-15	4.44E-15	3.76E-14	2.09E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q4	DOE-2	10/6/2025	4.52E-15	5.78E-15	5.56E-14	2.71E-14
25Q4	DOE-2	10/10/2025	3.46E-15	4.42E-15	6.92E-14	2.07E-14
25Q4	DOE-2	10/13/2025	1.27E-15	5.95E-15	3.60E-14	2.79E-14
25Q4	DOE-2	10/17/2025	2.96E-15	4.42E-15	3.26E-14	2.08E-14
25Q4	DOE-2	10/20/2025	6.26E-15	5.87E-15	9.90E-14	2.75E-14
25Q4	DOE-2	10/24/2025	-6.06E-17	4.44E-15	7.20E-14	2.08E-14
25Q4	DOE-2	10/27/2025	3.92E-15	5.86E-15	7.51E-14	2.75E-14
25Q4	DOE-2	10/31/2025	1.70E-15	4.42E-15	5.51E-14	2.08E-14
25Q4	DOE-2	11/3/2025	2.86E-15	6.32E-15	1.03E-13	2.65E-14
25Q4	DOE-2	11/7/2025	4.28E-15	4.91E-15	1.02E-13	2.06E-14
25Q4	DOE-2	11/11/2025	-4.44E-16	6.44E-15	6.91E-14	2.70E-14
25Q4	DOE-2	11/13/2025	2.22E-15	6.38E-15	4.92E-14	2.67E-14
25Q4	DOE-2	11/17/2025	1.77E-16	4.98E-15	3.92E-14	2.08E-14
25Q4	DOE-2	11/21/2025	1.69E-16	4.77E-15	2.37E-14	2.00E-14
25Q4	DOE-2	11/24/2025	9.20E-16	6.57E-15	1.79E-14	2.75E-14
25Q4	DOE-2	11/26/2025	-1.58E-16	9.46E-15	5.11E-14	3.96E-14
25Q4	DOE-2	12/1/2025	2.91E-15	3.62E-15	6.41E-14	1.67E-14
25Q4	DOE-2	12/5/2025	2.52E-15	4.36E-15	8.01E-14	2.01E-14
25Q4	DOE-2	12/8/2025	2.17E-15	6.13E-15	6.95E-14	2.83E-14
25Q4	DOE-2	12/12/2025	2.80E-15	4.41E-15	5.35E-14	2.04E-14
25Q4	DOE-2	12/15/2025	5.47E-15	5.97E-15	9.91E-14	2.75E-14
25Q4	DOE-2	12/19/2025	1.58E-15	4.47E-15	5.55E-14	2.06E-14
25Q4	DOE-2	12/22/2025	4.72E-15	5.88E-15	5.52E-14	2.71E-14
25Q4	DOE-2	12/26/2025	-2.47E-15	4.51E-15	3.21E-14	2.08E-14
25Q4	DOE-2	12/29/2025	3.73E-15	5.87E-15	1.71E-14	2.71E-14
Sample location DOE-3						
25Q1	DOE-3	1/3/2025	1.70E-15	6.71E-15	4.76E-14	2.80E-14
25Q1	DOE-3	1/6/2025	2.36E-15	6.66E-15	4.34E-14	2.79E-14
25Q1	DOE-3	1/10/2025	-7.47E-16	4.92E-15	6.55E-14	2.06E-14
25Q1	DOE-3	1/13/2025	1.02E-15	6.70E-15	3.72E-14	2.80E-14
25Q1	DOE-3	1/17/2025	1.00E-15	4.95E-15	4.81E-14	2.07E-14
25Q1	DOE-3	1/20/2025	9.01E-15	6.60E-15	1.04E-13	2.76E-14
25Q1	DOE-3	1/24/2025	5.07E-16	5.01E-15	4.01E-14	2.09E-14
25Q1	DOE-3	1/28/2025	1.25E-15	4.95E-15	4.07E-14	2.07E-14
25Q1	DOE-3	1/31/2025	2.67E-15	6.61E-15	1.08E-13	2.76E-14
25Q1	DOE-3	2/3/2025	-1.87E-15	6.79E-15	9.00E-14	2.83E-14
25Q1	DOE-3	2/7/2025	-1.86E-15	4.96E-15	2.15E-14	2.07E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q1	DOE-3	2/10/2025	3.23E-15	6.75E-15	1.67E-14	2.82E-14
25Q1	DOE-3	2/14/2025	8.74E-16	4.95E-15	5.00E-14	2.06E-14
25Q1	DOE-3	2/17/2025	-1.20E-15	6.88E-15	4.41E-14	2.87E-14
25Q1	DOE-3	2/21/2025	3.80E-16	4.99E-15	4.67E-14	2.08E-14
25Q1	DOE-3	2/24/2025	1.51E-15	6.65E-15	5.54E-14	2.77E-14
25Q1	DOE-3	2/28/2025	3.82E-16	5.01E-15	6.94E-14	2.09E-14
25Q1	DOE-3	3/3/2025	-1.58E-15	7.06E-15	1.80E-14	2.72E-14
25Q1	DOE-3	3/7/2025	-3.93E-15	5.27E-15	3.61E-14	2.03E-14
25Q1	DOE-3	3/10/2025	2.47E-15	7.14E-15	5.68E-14	2.75E-14
25Q1	DOE-3	3/14/2025	-1.42E-15	5.22E-15	1.20E-14	2.01E-14
25Q1	DOE-3	3/17/2025	-1.61E-15	7.18E-15	3.45E-14	2.77E-14
25Q1	DOE-3	3/21/2025	-4.29E-16	5.25E-15	3.41E-14	2.02E-14
25Q1	DOE-3	3/24/2025	1.10E-15	7.07E-15	5.76E-14	2.73E-14
25Q1	DOE-3	3/28/2025	-1.19E-15	5.29E-15	2.59E-14	2.04E-14
25Q1	DOE-3	3/31/2025	-3.24E-15	7.01E-15	2.98E-14	2.70E-14
25Q2	DOE-3	4/4/2025	-7.76E-16	4.80E-15	1.22E-14	2.08E-14
25Q2	DOE-3	4/7/2025	1.28E-15	6.22E-15	4.99E-14	2.69E-14
25Q2	DOE-3	4/11/2025	2.78E-15	4.85E-15	5.27E-14	2.10E-14
25Q2	DOE-3	4/14/2025	-1.03E-15	6.39E-15	3.69E-14	2.77E-14
25Q2	DOE-3	4/17/2025	2.27E-15	6.25E-15	6.89E-14	2.70E-14
25Q2	DOE-3	4/21/2025	9.61E-15	6.33E-15	1.07E-13	2.74E-14
25Q2	DOE-3	4/25/2025	4.45E-15	4.74E-15	3.75E-14	2.05E-14
25Q2	DOE-3	4/28/2025	-3.05E-15	6.40E-15	7.68E-15	2.77E-14
25Q2	DOE-3	5/2/2025	2.01E-17	4.58E-15	1.74E-14	2.06E-14
25Q2	DOE-3	5/5/2025	-6.39E-16	6.08E-15	4.04E-14	2.73E-14
25Q2	DOE-3	5/9/2025	2.02E-17	4.60E-15	6.68E-14	2.07E-14
25Q2	DOE-3	5/12/2025	2.04E-15	6.12E-15	2.47E-14	2.75E-14
25Q2	DOE-3	5/16/2025	1.52E-15	4.57E-15	3.62E-14	2.06E-14
25Q2	DOE-3	5/20/2025	7.75E-16	4.59E-15	3.26E-14	2.07E-14
25Q2	DOE-3	5/23/2025	4.67E-15	6.05E-15	3.29E-14	2.72E-14
25Q2	DOE-3	5/27/2025	-9.70E-16	4.52E-15	1.46E-14	2.03E-14
25Q2	DOE-3	5/30/2025	-3.13E-16	6.21E-15	1.21E-14	2.80E-14
25Q2	DOE-3	6/2/2025	-4.75E-16	5.96E-15	3.75E-14	2.71E-14
25Q2	DOE-3	6/6/2025	2.10E-15	4.43E-15	2.34E-14	2.02E-14
25Q2	DOE-3	6/9/2025	1.85E-15	6.01E-15	5.30E-14	2.73E-14
25Q2	DOE-3	6/13/2025	3.35E-15	4.46E-15	5.14E-14	2.03E-14
25Q2	DOE-3	6/16/2025	3.17E-15	5.99E-15	7.20E-14	2.72E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q2	DOE-3	6/20/2025	3.35E-15	4.46E-15	4.62E-14	2.03E-14
25Q2	DOE-3	6/23/2025	-1.47E-15	5.98E-15	2.45E-14	2.72E-14
25Q2	DOE-3	6/27/2025	3.65E-15	4.53E-15	2.95E-14	2.06E-14
25Q2	DOE-3	6/30/2025	5.13E-16	5.95E-15	4.30E-14	2.70E-14
25Q3	DOE-3	7/3/2025	1.30E-15	6.27E-15	3.89E-14	2.72E-14
25Q3	DOE-3	7/7/2025	3.26E-15	4.73E-15	6.27E-14	2.06E-14
25Q3	DOE-3	7/11/2025	3.73E-15	4.69E-15	6.25E-14	2.04E-14
25Q3	DOE-3	7/14/2025	1.97E-15	6.28E-15	2.68E-14	2.73E-14
25Q3	DOE-3	7/18/2025	2.23E-15	4.69E-15	1.44E-14	2.04E-14
25Q3	DOE-3	7/21/2025	2.69E-15	6.40E-15	3.97E-14	2.78E-14
25Q3	DOE-3	7/25/2025	1.97E-15	4.67E-15	2.10E-14	2.03E-14
25Q3	DOE-3	7/29/2025	-1.56E-15	4.78E-15	1.93E-14	2.08E-14
25Q3	DOE-3	8/1/2025	6.50E-15	6.05E-15	2.79E-14	2.70E-14
25Q3	DOE-3	8/4/2025	5.23E-15	6.14E-15	7.76E-14	2.74E-14
25Q3	DOE-3	8/8/2025	5.64E-15	4.55E-15	7.41E-14	2.03E-14
25Q3	DOE-3	8/11/2025	1.51E-15	6.17E-15	2.81E-14	2.75E-14
25Q3	DOE-3	8/15/2025	-1.43E-16	4.62E-15	2.08E-14	2.06E-14
25Q3	DOE-3	8/18/2025	1.49E-15	6.06E-15	3.81E-14	2.70E-14
25Q3	DOE-3	8/22/2025	1.64E-15	4.60E-15	5.46E-14	2.05E-14
25Q3	DOE-3	8/25/2025	3.51E-15	6.10E-15	4.11E-14	2.72E-14
25Q3	DOE-3	8/29/2025	8.69E-16	4.57E-15	3.19E-14	2.04E-14
25Q3	DOE-3	9/2/2025	4.69E-15	4.61E-15	4.84E-14	2.04E-14
25Q3	DOE-3	9/5/2025	2.34E-15	6.40E-15	7.13E-14	2.83E-14
25Q3	DOE-3	9/8/2025	8.96E-16	6.06E-15	6.37E-14	2.68E-14
25Q3	DOE-3	9/12/2025	7.05E-16	4.77E-15	1.26E-14	2.11E-14
25Q3	DOE-3	9/16/2025	3.49E-15	4.68E-15	3.79E-14	2.07E-14
25Q3	DOE-3	9/19/2025	5.86E-16	6.27E-15	5.22E-14	2.77E-14
25Q3	DOE-3	9/22/2025	2.45E-16	6.25E-15	5.20E-14	2.76E-14
25Q3	DOE-3	9/26/2025	-5.85E-16	4.72E-15	5.50E-14	2.08E-14
25Q3	DOE-3	9/29/2025	1.25E-15	6.19E-15	4.19E-14	2.73E-14
25Q4	DOE-3	10/3/2025	1.71E-15	4.44E-15	1.94E-14	2.08E-14
25Q4	DOE-3	10/6/2025	4.21E-15	5.79E-15	3.93E-14	2.72E-14
25Q4	DOE-3	10/10/2025	6.93E-16	4.41E-15	4.14E-14	2.07E-14
25Q4	DOE-3	10/13/2025	-4.19E-16	5.95E-15	4.82E-14	2.79E-14
25Q4	DOE-3	10/17/2025	3.21E-15	4.43E-15	4.18E-14	2.08E-14
25Q4	DOE-3	10/20/2025	4.92E-15	5.86E-15	6.24E-14	2.75E-14
25Q4	DOE-3	10/24/2025	3.47E-15	4.44E-15	5.37E-14	2.08E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q4	DOE-3	10/27/2025	1.92E-15	5.85E-15	4.57E-14	2.75E-14
25Q4	DOE-3	10/31/2025	1.19E-15	4.41E-15	2.83E-14	2.07E-14
25Q4	DOE-3	11/3/2025	1.56E-15	6.37E-15	7.46E-14	2.67E-14
25Q4	DOE-3	11/7/2025	2.22E-15	4.90E-15	6.90E-14	2.05E-14
25Q4	DOE-3	11/11/2025	-1.08E-16	6.46E-15	5.80E-14	2.71E-14
25Q4	DOE-3	11/13/2025	1.23E-15	6.38E-15	3.31E-14	2.67E-14
25Q4	DOE-3	11/17/2025	1.47E-15	4.97E-15	3.92E-14	2.08E-14
25Q4	DOE-3	11/21/2025	-8.27E-16	4.77E-15	3.76E-14	2.00E-14
25Q4	DOE-3	11/24/2025	2.29E-15	6.57E-15	1.68E-14	2.75E-14
25Q4	DOE-3	11/26/2025	2.78E-15	9.39E-15	6.05E-14	3.93E-14
25Q4	DOE-3	12/1/2025	3.94E-15	3.63E-15	5.96E-14	1.68E-14
25Q4	DOE-3	12/5/2025	3.50E-15	4.36E-15	4.58E-14	2.01E-14
25Q4	DOE-3	12/8/2025	1.82E-15	6.13E-15	7.21E-14	2.82E-14
25Q4	DOE-3	12/12/2025	1.31E-15	4.42E-15	2.89E-14	2.04E-14
25Q4	DOE-3	12/15/2025	1.10E-15	5.98E-15	7.21E-14	2.76E-14
25Q4	DOE-3	12/19/2025	1.84E-15	4.49E-15	6.06E-14	2.07E-14
25Q4	DOE-3	12/22/2025	1.09E-15	5.89E-15	5.94E-14	2.71E-14
25Q4	DOE-3	12/26/2025	3.37E-15	4.51E-15	8.01E-15	2.08E-14
25Q4	DOE-3	12/29/2025	-1.23E-15	5.87E-15	1.74E-14	2.71E-14
Sample location DOE-4						
25Q1	DOE-4	1/3/2025	2.04E-15	6.70E-15	6.02E-14	2.80E-14
25Q1	DOE-4	1/6/2025	3.37E-15	6.66E-15	6.16E-14	2.79E-14
25Q1	DOE-4	1/10/2025	1.24E-15	4.92E-15	2.94E-14	2.06E-14
25Q1	DOE-4	1/13/2025	-6.76E-16	6.68E-15	3.92E-14	2.79E-14
25Q1	DOE-4	1/17/2025	-1.25E-15	4.96E-15	5.51E-14	2.07E-14
25Q1	DOE-4	1/20/2025	6.01E-15	6.60E-15	1.04E-13	2.76E-14
25Q1	DOE-4	1/24/2025	7.61E-16	5.01E-15	4.15E-14	2.10E-14
25Q1	DOE-4	1/28/2025	-2.25E-15	4.95E-15	6.08E-14	2.07E-14
25Q1	DOE-4	1/31/2025	4.01E-15	6.61E-15	1.06E-13	2.76E-14
25Q1	DOE-4	2/3/2025	1.88E-15	6.79E-15	1.06E-13	2.83E-14
25Q1	DOE-4	2/7/2025	-1.36E-15	4.95E-15	1.30E-14	2.07E-14
25Q1	DOE-4	2/10/2025	5.16E-16	6.77E-15	4.02E-14	2.82E-14
25Q1	DOE-4	2/12/2025	7.51E-16	9.84E-15	1.01E-13	4.11E-14
25Q1	DOE-4	2/21/2025	-8.70E-16	4.99E-15	4.05E-14	2.08E-14
25Q1	DOE-4	2/24/2025	-4.94E-16	6.65E-15	4.41E-14	2.78E-14
25Q1	DOE-4	2/28/2025	-8.74E-16	5.01E-15	5.27E-14	2.09E-14
25Q1	DOE-4	3/3/2025	-3.60E-15	7.08E-15	6.51E-14	2.73E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q1	DOE-4	3/7/2025	-1.80E-16	5.26E-15	1.37E-14	2.03E-14
25Q1	DOE-4	3/10/2025	1.11E-15	7.15E-15	4.65E-14	2.76E-14
25Q1	DOE-4	3/14/2025	5.76E-16	5.32E-15	5.74E-14	2.05E-14
25Q1	DOE-4	3/17/2025	7.59E-16	7.00E-15	2.76E-14	2.70E-14
25Q1	DOE-4	3/21/2025	8.18E-16	5.24E-15	3.88E-14	2.02E-14
25Q1	DOE-4	3/24/2025	-2.25E-15	7.03E-15	6.78E-14	2.71E-14
25Q1	DOE-4	3/28/2025	7.04E-17	5.29E-15	1.67E-14	2.04E-14
25Q1	DOE-4	3/31/2025	-5.90E-15	7.00E-15	2.91E-14	2.70E-14
25Q2	DOE-4	4/4/2025	7.35E-16	4.80E-15	2.83E-14	2.08E-14
25Q2	DOE-4	4/7/2025	2.26E-15	6.24E-15	6.29E-14	2.70E-14
25Q2	DOE-4	4/11/2025	4.56E-15	4.85E-15	7.44E-14	2.10E-14
25Q2	DOE-4	4/14/2025	2.98E-15	6.38E-15	5.37E-14	2.76E-14
25Q2	DOE-4	4/17/2025	-2.62E-17	6.25E-15	4.28E-14	2.71E-14
25Q2	DOE-4	4/21/2025	9.97E-16	4.85E-15	7.44E-14	2.10E-14
25Q2	DOE-4	4/25/2025	1.22E-15	4.74E-15	5.89E-14	2.05E-14
25Q2	DOE-4	4/28/2025	1.32E-15	6.41E-15	4.03E-14	2.78E-14
25Q2	DOE-4	5/2/2025	7.72E-16	4.57E-15	3.75E-14	2.06E-14
25Q2	DOE-4	5/5/2025	-3.07E-16	6.08E-15	2.35E-14	2.74E-14
25Q2	DOE-4	5/9/2025	2.72E-16	4.60E-15	3.75E-14	2.07E-14
25Q2	DOE-4	5/12/2025	1.03E-15	6.12E-15	5.45E-14	2.75E-14
25Q2	DOE-4	5/16/2025	1.52E-15	4.57E-15	1.95E-14	2.06E-14
25Q2	DOE-4	5/20/2025	1.78E-15	4.59E-15	5.18E-14	2.07E-14
25Q2	DOE-4	5/23/2025	6.90E-16	6.05E-15	5.25E-14	2.72E-14
25Q2	DOE-4	5/27/2025	1.75E-15	4.52E-15	5.57E-14	2.03E-14
25Q2	DOE-4	5/30/2025	-2.02E-15	6.21E-15	5.43E-14	2.80E-14
25Q2	DOE-4	6/2/2025	9.75E-15	5.96E-15	6.14E-14	2.71E-14
25Q2	DOE-4	6/6/2025	1.12E-15	4.43E-15	2.39E-14	2.01E-14
25Q2	DOE-4	6/9/2025	2.51E-15	6.00E-15	2.71E-14	2.73E-14
25Q2	DOE-4	6/13/2025	1.62E-15	4.46E-15	3.88E-14	2.03E-14
25Q2	DOE-4	6/16/2025	1.51E-15	5.99E-15	7.06E-14	2.72E-14
25Q2	DOE-4	6/20/2025	2.60E-15	4.45E-15	6.96E-14	2.02E-14
25Q2	DOE-4	6/23/2025	-4.77E-16	5.98E-15	4.43E-14	2.72E-14
25Q2	DOE-4	6/27/2025	1.39E-15	4.53E-15	5.52E-14	2.06E-14
25Q2	DOE-4	6/30/2025	1.83E-15	5.94E-15	7.49E-14	2.70E-14
25Q3	DOE-4	7/3/2025	2.64E-15	6.27E-15	3.50E-14	2.73E-14
25Q3	DOE-4	7/7/2025	1.99E-15	4.73E-15	5.03E-14	2.05E-14
25Q3	DOE-4	7/11/2025	4.49E-15	4.69E-15	5.42E-14	2.04E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q3	DOE-4	7/14/2025	3.65E-15	6.27E-15	4.39E-14	2.72E-14
25Q3	DOE-4	7/18/2025	-5.32E-16	4.70E-15	3.10E-14	2.04E-14
25Q3	DOE-4	7/21/2025	3.72E-15	6.40E-15	5.83E-14	2.78E-14
25Q3	DOE-4	7/25/2025	-1.03E-15	4.67E-15	2.26E-14	2.03E-14
25Q3	DOE-4	7/29/2025	1.25E-15	4.79E-15	4.99E-14	2.08E-14
25Q3	DOE-4	8/1/2025	5.16E-15	6.06E-15	5.10E-14	2.70E-14
25Q3	DOE-4	8/4/2025	2.52E-15	6.14E-15	5.35E-14	2.74E-14
25Q3	DOE-4	8/8/2025	3.39E-15	4.56E-15	4.37E-14	2.03E-14
25Q3	DOE-4	8/11/2025	4.92E-15	6.17E-15	3.42E-14	2.75E-14
25Q3	DOE-4	8/15/2025	2.41E-15	4.62E-15	3.01E-14	2.06E-14
25Q3	DOE-4	8/18/2025	2.15E-15	6.05E-15	7.30E-14	2.70E-14
25Q3	DOE-4	8/22/2025	1.38E-15	4.60E-15	5.20E-14	2.05E-14
25Q3	DOE-4	8/25/2025	3.85E-15	6.10E-15	6.55E-14	2.72E-14
25Q3	DOE-4	8/29/2025	8.69E-16	4.58E-15	6.84E-14	2.04E-14
25Q3	DOE-4	9/2/2025	6.70E-15	4.61E-15	6.65E-14	2.04E-14
25Q3	DOE-4	9/5/2025	3.38E-15	6.40E-15	4.08E-14	2.83E-14
25Q3	DOE-4	9/8/2025	4.19E-15	6.05E-15	3.75E-14	2.67E-14
25Q3	DOE-4	9/12/2025	2.78E-15	4.77E-15	2.60E-14	2.11E-14
25Q3	DOE-4	9/16/2025	1.71E-15	4.67E-15	5.18E-14	2.06E-14
25Q3	DOE-4	9/19/2025	5.03E-15	6.28E-15	7.86E-14	2.77E-14
25Q3	DOE-4	9/22/2025	2.63E-15	6.25E-15	6.68E-14	2.76E-14
25Q3	DOE-4	9/26/2025	3.26E-15	4.72E-15	6.69E-14	2.08E-14
25Q3	DOE-4	9/29/2025	2.43E-16	6.20E-15	6.98E-14	2.74E-14
25Q4	DOE-4	10/3/2025	2.21E-15	4.44E-15	5.48E-14	2.08E-14
25Q4	DOE-4	10/6/2025	1.89E-15	5.78E-15	3.26E-14	2.71E-14
25Q4	DOE-4	10/10/2025	6.93E-16	4.42E-15	4.14E-14	2.07E-14
25Q4	DOE-4	10/13/2025	2.96E-15	5.95E-15	3.89E-14	2.79E-14
25Q4	DOE-4	10/17/2025	1.45E-15	4.42E-15	1.13E-14	2.08E-14
25Q4	DOE-4	10/20/2025	1.26E-15	5.87E-15	1.07E-13	2.75E-14
25Q4	DOE-4	10/24/2025	5.24E-15	4.44E-15	7.54E-14	2.08E-14
25Q4	DOE-4	10/27/2025	3.91E-15	5.85E-15	1.10E-13	2.75E-14
25Q4	DOE-4	10/31/2025	6.91E-16	4.40E-15	6.84E-14	2.07E-14
25Q4	DOE-4	11/3/2025	3.54E-15	6.36E-15	1.24E-13	2.66E-14
25Q4	DOE-4	11/7/2025	2.99E-15	4.91E-15	8.50E-14	2.06E-14
25Q4	DOE-4	11/10/2025	-1.08E-16	6.44E-15	5.53E-14	2.70E-14
25Q4	DOE-4	11/13/2025	2.27E-16	6.40E-15	7.57E-14	2.68E-14
25Q4	DOE-4	11/17/2025	1.47E-15	4.95E-15	2.19E-14	2.07E-14

Quarter	Air Station ID	Sample Collection Date	Result Alpha (μCi/mL)	MDC – Alpha (μCi/mL)	Result Beta (μCi/mL)	MDC – Beta (μCi/mL)
25Q4	DOE-4	11/21/2025	2.38E-15	5.94E-15	4.03E-14	2.49E-14
25Q4	DOE-4	11/24/2025	9.24E-16	6.61E-15	3.64E-14	2.77E-14
25Q4	DOE-4	11/26/2025	1.80E-15	9.39E-15	1.25E-13	3.94E-14
25Q4	DOE-4	12/1/2025	7.01E-15	3.63E-15	8.21E-14	1.68E-14
25Q4	DOE-4	12/5/2025	6.69E-15	4.36E-15	5.44E-14	2.01E-14
25Q4	DOE-4	12/8/2025	5.27E-15	6.13E-15	5.53E-14	2.82E-14
25Q4	DOE-4	12/12/2025	2.56E-15	4.42E-15	5.44E-14	2.04E-14
25Q4	DOE-4	12/15/2025	3.46E-15	5.97E-15	9.34E-14	2.75E-14
25Q4	DOE-4	12/19/2025	-6.83E-16	4.46E-15	5.86E-14	2.06E-14
25Q4	DOE-4	12/22/2025	3.40E-15	5.88E-15	7.93E-14	2.71E-14
25Q4	DOE-4	12/26/2025	2.09E-15	4.50E-15	6.15E-14	2.07E-14
25Q4	DOE-4	12/29/2025	1.09E-15	5.90E-15	3.99E-14	2.72E-14

Note: Results less than the MDC are noted in the table as negative numbers.

Table C-3. Individual radionuclide analysis for composite filter samples, Q4/2025.

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Q4/2025 Location DOE-1 Air Volume/Sample 9.85E+8 mL							
Actinium-228	4E-11	1E-10	1E-10	-32.6	48.4	U ; U	-3.31E-14
Americium-241	-	2E-14	-	-0.185	0.760	U ; UJ	-1.88E-16
Beryllium-7	-	5E-8	4E-8	53.2	138	U ; U	5.40E-14
Cesium-137	4E-10	-	-	0.138	9.90	U ; U	1.40E-16
Cobalt-60	-	4E-10	8E-11	-2.94	8.06	U ; U	-2.98E-15
Plutonium-238	-	3E-14	4E-14	-0.0714	0.490	U ; U	-7.25E-17
Plutonium-239	-	2E-14	4E-14	0.208	0.521	U ; U	2.11E-16
Plutonium-241	-	1E-12	2E-12	-22.5	36.1	U ; U	-2.28E-14
Polonium-210	1E-12	1E-12	-	10.4	0.558	;	1.06E-14
Potassium-40	9E-10	-	-	17.0	102	U ; U	1.73E-14
Radium-226	-	1E-12	-	5.49	2.57	; UJ	5.57E-15
Radium-226/228	-	1E-12	-	1.11	2.81	U ; U	1.13E-15
Radium-228	-	3E-12	-	6.49	7.22	U ; U	6.59E-15
Strontium-90	5E-11	-	9E-12	1.05	2.43	U ; U	1.07E-15
Thorium-228	-	5E-14	4E-14	0.513	0.760	U ; UJ	5.21E-16
Thorium-230	-	4E-14	5E-14	0.993	0.597	; UJ	1.01E-15
Thorium-232	-	7E-15	1E-14	0.848	0.514	; J	8.61E-16
Uranium-233/234	4E-12	2E-12	9E-14	0.652	0.874	U ; U	6.62E-16
Uranium-235/236	5E-12	2E-12	1E-13	0.0836	0.527	U ; U	8.49E-17
Uranium-238	5E-12	2E-12	1E-13	1.02	0.493	;	1.04E-15
Q4/2025 Location DOE-2 Air Volume/Sample 9.85E+8 mL							
Actinium-228	4E-11	1E-10	1E-10	-10.9	70.1	U ; U	-1.11E-14
Americium-241	-	2E-14	-	-0.196	1.35	U ; UJ	-1.99E-16
Beryllium-7	-	5E-8	4E-8	-14.7	184	U ; U	-1.49E-14
Cesium-137	4E-10	-	-	10.5	18.6	U ; U	1.07E-14
Cobalt-60	-	4E-10	8E-11	-17.6	13.4	U ; U	-1.79E-14
Plutonium-238	-	3E-14	4E-14	-0.0162	0.325	U ; U	-1.64E-17
Plutonium-239	-	2E-14	4E-14	0.00541	0.546	U ; U	5.49E-18
Plutonium-241	-	1E-12	2E-12	-7.40	31.4	U ; U	-7.51E-15
Polonium-210	1E-12	1E-12	-	8.17	0.429	;	8.29E-15

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Potassium-40	9E-10	-	-	102	139	U ; U	1.04E-13
Radium-226	-	1E-12	-	3.22	2.87	; UJ	3.27E-15
Radium-226/228	-	1E-12	-	4.12	2.27	;	4.18E-15
Radium-228	-	3E-12	-	12.0	7.39	;	1.22E-14
Strontium-90	5E-11	-	9E-12	-2.39	3.04	U ; U	-2.43E-15
Thorium-228	-	5E-14	4E-14	0.623	1.23	U ; U	6.32E-16
Thorium-230	-	4E-14	5E-14	0.964	1.27	U ; U	9.79E-16
Thorium-232	-	7E-15	1E-14	1.65	0.912	;	1.68E-15
Uranium-233/234	4E-12	2E-12	9E-14	0.671	0.759	U ; U	6.81E-16
Uranium-235/236	5E-12	2E-12	1E-13	-0.0701	0.595	U ; U	-7.12E-17
Uranium-238	5E-12	2E-12	1E-13	0.870	0.519	;	8.83E-16
Q4/2025 Location DOE-3 Air Volume/Sample 9.85E+8 mL							
Actinium-228	4E-11	1E-10	1E-10	-20.7	40.0	U ; U	-2.10E-14
Americium-241	-	2E-14	-	0.000	0.595	U ; UJ	0.00E+0
Beryllium-7	-	5E-8	4E-8	31.8	130	U ; U	3.23E-14
Cesium-137	4E-10	-	-	4.33	12.1	U ; U	4.40E-15
Cobalt-60	-	4E-10	8E-11	-0.786	9.36	U ; U	-7.98E-16
Plutonium-238	-	3E-14	4E-14	-0.0157	0.314	U ; U	-1.59E-17
Plutonium-239	-	2E-14	4E-14	-0.0941	0.483	U ; U	-9.55E-17
Plutonium-241	-	1E-12	2E-12	-7.62	29.7	U ; U	-7.74E-15
Polonium-210	1E-12	1E-12	-	6.07	0.527	;	6.16E-15
Potassium-40	9E-10	-	-	-76.2	180	U ; U	-7.74E-14
Radium-226	-	1E-12	-	4.11	3.11	; UJ	4.17E-15
Radium-226/228	-	1E-12	-	4.57	2.34	;	4.64E-15
Radium-228	-	3E-12	-	5.64	7.28	U ; U	5.73E-15
Strontium-90	5E-11	-	9E-12	2.27	4.05	U ; U	2.30E-15
Thorium-228	-	5E-14	4E-14	0.259	0.956	U ; U	2.63E-16
Thorium-230	-	4E-14	5E-14	1.12	0.883	; UJ	1.14E-15
Thorium-232	-	7E-15	1E-14	0.470	0.637	U ; U	4.77E-16
Uranium-233/234	4E-12	2E-12	9E-14	0.413	0.752	U ; U	4.19E-16

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Uranium-235/236	5E-12	2E-12	1E-13	0.159	0.427	U ; U	1.67E-16
Uranium-238	5E-12	2E-12	1E-13	1.14	0.457	;	1.20E-15
Q4/2025 Location DOE-4 Air Volume/Sample 9.76E+8 mL							
Actinium-228	4E-11	1E-10	1E-10	-7.59	33.7	U ; U	-7.78E-15
Americium-241	-	2E-14	-	0.108	0.412	U ; UJ	1.11E-16
Beryllium-7	-	5E-8	4E-8	138	61.3	;	1.41E-13
Cesium-137	4E-10	-	-	-1.70	7.37	U ; U	-1.74E-15
Cobalt-60	-	4E-10	8E-11	-4.55	5.71	U ; U	-4.66E-15
Plutonium-238	-	3E-14	4E-14	0.0633	0.401	U ; U	6.49E-17
Plutonium-239	-	2E-14	4E-14	-0.114	0.560	U ; U	-1.17E-16
Plutonium-241	-	1E-12	2E-12	-17.0	29.3	U ; U	-1.74E-14
Polonium-210	1E-12	1E-12	-	10.2	0.573	;	1.05E-14
Potassium-40	9E-10	-	-	18.8	60.4	U ; U	1.93E-14
Radium-226	-	1E-12	-	1.85	1.97	U ; J	1.90E-15
Radium-226/228	-	1E-12	-	5.58	1.98	;	5.72E-15
Radium-228	-	3E-12	-	8.47	8.11	;	8.68E-15
Strontium-90	5E-11	-	9E-12	0.0755	3.53	U ; U	7.74E-17
Thorium-228	-	5E-14	4E-14	0.668	0.609	; UJ	6.84E-16
Thorium-230	-	4E-14	5E-14	1.65	0.574	; UJ	1.69E-15
Thorium-232	-	7E-15	1E-14	0.517	0.494	; J	5.30E-16
Uranium-233/234	4E-12	2E-12	9E-14	1.51	0.954	; UJ	1.55E-15
Uranium-235/236	5E-12	2E-12	1E-13	0.138	0.413	U ; U	1.41E-16
Uranium-238	5E-12	2E-12	1E-13	0.677	0.900	U ; U	6.94E-16

NOTES AND DATA QUALIFIER MEANINGS:

DOE Order 5400.5 – Derived Concentration Guides for Air and Water, Figure III-1

Intake limits are based on removal half-times from the lung (D = 0.5 days, W = 50 days, Y = 500 days)

MDC - Minimum Detectable Concentration

Airborne Concentration (μ Ci/mL) = (Result (pCi/sample)) / ((Air Volume (mL)/Sample)*1000000)

; - separates lab qualifiers from data validation qualifiers

pCi/sample - Picocuries per sample

 μ Ci/mL - Microcuries per milliliter

mL - milliliters

J - Result is an estimated quantity. Associated numerical value is approximate concentration of analyte in sample.

U - Analyzed for, but not detected.

UJ – The analyte was not detected; however, the result is estimated because of discrepancies in meeting certain analyte specific QC criteria.

Table C-4. Individual radionuclide analysis for composite filter samples, Q1/2025–Q4/2025.

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μCi/mL)
25Q1 Location DOE-1 Air Volume/Sample 9.72E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	7.57	41.4	U ; U	7.79E-15
Americium-241	-	2.00E-14	-	0.128	0.303	U ; U	1.32E-16
Beryllium-7	-	5.00E-08	4.00E-08	65.4	89.8	U ; U	6.73E-14
Cesium-137	4.00E-10	-	-	-1.82	9.53	U ; U	-1.87E-15
Cobalt-60	-	4.00E-10	8.00E-11	-1.96	6.87	U ; U	-2.02E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.165	0.548	U ; U	1.70E-16
Plutonium-239	-	2.00E-14	4.00E-14	0.0192	0.646	U ; U	1.98E-17
Plutonium-241	-	1.00E-12	2.00E-12	4.61	60.7	U ; U	4.74E-15
Polonium-210	1.00E-12	1.00E-12	-	6.93	0.409	;	7.13E-15
Potassium-40	9.00E-10	-	-	121	81.7	UI ; UJ	1.24E-13
Radium-226/228	-	1.00E-12	-	14.8	3.92	; UJ	1.52E-14
Radium-228	-	3.00E-12	-	-1.57	4.93	U ; U	-1.62E-15
Strontium-90	5.00E-11	-	9.00E-12	0.945	2.78	U ; U	9.72E-16
Thorium-228	-	5.00E-14	4.00E-14	0.501	0.659	U ; U	5.15E-16
Thorium-230	-	4.00E-14	5.00E-14	1.09	0.599	; UJ	1.12E-15
Thorium-232	-	7.00E-15	1.00E-14	0.51	0.499	; UJ	5.25E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	1.37	0.625	; UJ	1.41E-15
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.0611	0.518	U ; U	-6.29E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.86	0.38	; UJ	8.85E-16
25Q1 Location DOE-2 Air Volume/Sample 9.25E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	1.56	43.4	U ; U	1.69E-15
Americium-241	-	2.00E-14	-	-0.0892	0.441	U ; U	-9.64E-17
Beryllium-7	-	5.00E-08	4.00E-08	75	100	U ; U	8.11E-14
Cesium-137	4.00E-10	-	-	-1.88	9.77	U ; U	-2.03E-15
Cobalt-60	-	4.00E-10	8.00E-11	2.9	13.6	U ; U	3.14E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.16	0.427	U ; U	1.73E-16
Plutonium-239	-	2.00E-14	4.00E-14	0.0196	0.427	U ; U	2.12E-17
Plutonium-241	-	1.00E-12	2.00E-12	8.05	86.3	U ; UJ	8.70E-15
Polonium-210	1.00E-12	1.00E-12	-	4.27	0.424	;	4.62E-15

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μCi/mL)
Potassium-40	9.00E-10	-	-	3.7	130	U ; U	4.00E-15
Radium-226/228	-	1.00E-12	-	2.08	4.98	U ; U	2.25E-15
Radium-228	-	3.00E-12	-	2.63	4.97	U ; U	2.84E-15
Strontium-90	5.00E-11	-	9.00E-12	-0.682	2.82	U ; U	-7.37E-16
Thorium-228	-	5.00E-14	4.00E-14	0.919	0.762	; UJ	9.94E-16
Thorium-230	-	4.00E-14	5.00E-14	1.04	0.813	; UJ	1.12E-15
Thorium-232	-	7.00E-15	1.00E-14	0.755	0.463	; UJ	8.16E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.442	0.71	U ; U	4.78E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.17	0.549	U ; U	1.84E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.863	0.473	; UJ	9.33E-16
25Q1 Location DOE-3 Air Volume/Sample 9.72E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	14.9	41.8	U ; U	1.53E-14
Americium-241	-	2.00E-14	-	0.0262	0.31	U ; U	2.70E-17
Beryllium-7	-	5.00E-08	4.00E-08	226	105	;	2.33E-13
Cesium-137	4.00E-10	-	-	1.38	12.5	U ; U	1.42E-15
Cobalt-60	-	4.00E-10	8.00E-11	0.371	10	U ; U	3.82E-16
Plutonium-238	-	3.00E-14	4.00E-14	0.0997	0.363	U ; U	1.03E-16
Plutonium-239	-	2.00E-14	4.00E-14	-0.0472	0.4	U ; U	-4.86E-17
Plutonium-241	-	1.00E-12	2.00E-12	-65.4	85.1	U ; UJ	-6.73E-14
Polonium-210	1.00E-12	1.00E-12	-	0.821	0.635	; UJ	8.45E-16
Potassium-40	9.00E-10	-	-	145	113	UI ; UJ	1.49E-13
Radium-226/228	-	1.00E-12	-	9.43	4.69	; UJ	9.70E-15
Radium-228	-	3.00E-12	-	4.06	6.94	U ; U	4.18E-15
Strontium-90	5.00E-11	-	9.00E-12	-1.37	1.75	U ; U	-1.41E-15
Thorium-228	-	5.00E-14	4.00E-14	0.892	0.691	; UJ	9.18E-16
Thorium-230	-	4.00E-14	5.00E-14	1.36	0.817	; UJ	1.40E-15
Thorium-232	-	7.00E-15	1.00E-14	0.473	0.712	U ; U	4.87E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.549	0.624	U ; U	5.65E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.11	0.401	U ; U	1.13E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.911	0.433	; UJ	9.37E-16

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μCi/mL)
25Q1 Location DOE-4 Air Volume/Sample 9.19E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	25.3	50.8	U ; U	2.75E-14
Americium-241	-	2.00E-14	-	0.064	0.408	U ; U	6.96E-17
Beryllium-7	-	5.00E-08	4.00E-08	-12.2	123	U ; U	-1.33E-14
Cesium-137	4.00E-10	-	-	6.72	13.8	U ; U	7.31E-15
Cobalt-60	-	4.00E-10	8.00E-11	1.46	13.9	U ; U	1.59E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.0718	0.215	U ; U	7.81E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.0172	0.344	U ; U	-1.87E-17
Plutonium-241	-	1.00E-12	2.00E-12	-7.59	95.7	U ; UJ	-8.26E-15
Polonium-210	1.00E-12	1.00E-12	-	6.28	0.457	;	6.83E-15
Potassium-40	9.00E-10	-	-	101	185	U ; U	1.10E-13
Radium-226/228	-	1.00E-12	-	8.54	5.01	; UJ	9.29E-15
Radium-228	-	3.00E-12	-	-0.667	4.74	U ; U	-7.26E-16
Strontium-90	5.00E-11	-	9.00E-12	0.0552	2.54	U ; U	6.01E-17
Thorium-228	-	5.00E-14	4.00E-14	1.03	0.557	; UJ	1.12E-15
Thorium-230	-	4.00E-14	5.00E-14	0.487	0.537	U ; U	5.30E-16
Thorium-232	-	7.00E-15	1.00E-14	0.01	0.441	U ; U	1.09E-17
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.112	1.13	U ; U	1.22E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.0983	0.834	U ; U	-1.07E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.473	0.674	U ; U	5.15E-16
25Q2 Location DOE-1 Air Volume/Sample 9.84E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	1.97	47.3	U ; U	2.00E-15
Americium-241	-	2.00E-14	-	0.0649	1.42	U ; UJ	6.60E-17
Beryllium-7	-	5.00E-08	4.00E-08	120	123	U ; U	1.22E-13
Cesium-137	4.00E-10	-	-	1.21	11.7	U ; U	1.23E-15
Cobalt-60	-	4.00E-10	8.00E-11	8.53	18.6	U ; U	8.67E-15
Plutonium-238	-	3.00E-14	4.00E-14	-0.0142	0.497	U ; U	-1.44E-17
Plutonium-239	-	2.00E-14	4.00E-14	0.108	0.392	U ; U	1.10E-16
Plutonium-241	-	1.00E-12	2.00E-12	-16.5	27.9	U ; U	-1.68E-14
Polonium-210	1.00E-12	1.00E-12	-	7.75	0.438	;	7.88E-15
Potassium-40	9.00E-10	-	-	121	221	U ; U	1.23E-13
Radium-226	-	1.00E-12	-	4.93	2.22	;	5.01E-15

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Radium-228	-	3.00E-12	-	6.55	3.52	; J	6.66E-15
Strontium-90	5.00E-11	-	9.00E-12	-1.94	2.94	U ; UJ	-1.97E-15
Thorium-228	-	5.00E-14	4.00E-14	0.823	0.788	;	8.36E-16
Thorium-230	-	4.00E-14	5.00E-14	1.3	0.616	;	1.32E-15
Thorium-232	-	7.00E-15	1.00E-14	1.38	0.483	;	1.40E-15
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.763	0.553	;	7.75E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0	0.22	U ; U	0.00E+00
Uranium-238	5.00E-12	2.00E-12	1.00E-13	1.09	0.46	;	1.11E-15
25Q2 Location DOE-2 Air Volume/Sample 9.84E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	5.9	70.1	U ; U	6.00E-15
Americium-241	-	2.00E-14	-	-0.0968	0.822	U ; U	-9.84E-17
Beryllium-7	-	5.00E-08	4.00E-08	118	170	U ; U	1.20E-13
Cesium-137	4.00E-10	-	-	0.071	16.4	U ; U	7.22E-17
Cobalt-60	-	4.00E-10	8.00E-11	3.63	17.9	U ; U	3.69E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.0488	0.428	U ; U	4.96E-17
Plutonium-239	-	2.00E-14	4.00E-14	0.0487	0.427	U ; U	4.95E-17
Plutonium-241	-	1.00E-12	2.00E-12	-2.25	31.3	U ; U	-2.29E-15
Polonium-210	1.00E-12	1.00E-12	-	6.56	0.495	;	6.67E-15
Potassium-40	9.00E-10	-	-	22.3	228	U ; U	2.27E-14
Radium-226	-	1.00E-12	-	3.53	1.69	;	3.59E-15
Radium-228	-	3.00E-12	-	8.68	3.95	; J	8.82E-15
Strontium-90	5.00E-11	-	9.00E-12	-0.716	2.86	U ; UJ	-7.28E-16
Thorium-228	-	5.00E-14	4.00E-14	0.854	0.558	;	8.68E-16
Thorium-230	-	4.00E-14	5.00E-14	0.762	0.499	;	7.74E-16
Thorium-232	-	7.00E-15	1.00E-14	0.981	0.369	;	9.97E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.957	0.491	;	9.73E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.0357	0.38	U ; U	3.63E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.946	0.366	;	9.61E-16
25Q2 Location DOE-3 Air Volume/Sample 9.74E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	25.7	56.3	U ; U	2.64E-14
Americium-241	-	2.00E-14	-	0.494	1.32	U ; UJ	5.07E-16

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Beryllium-7	-	5.00E-08	4.00E-08	113	130	U ; U	1.16E-13
Cesium-137	4.00E-10	-	-	-3.69	10.4	U ; U	-3.79E-15
Cobalt-60	-	4.00E-10	8.00E-11	7.91	21.1	U ; U	8.12E-15
Plutonium-238	-	3.00E-14	4.00E-14	-0.0404	0.343	U ; U	-4.15E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.0941	0.434	U ; U	-9.66E-17
Plutonium-241	-	1.00E-12	2.00E-12	-2.6	27.7	U ; U	-2.67E-15
Polonium-210	1.00E-12	1.00E-12	-	5.38	0.515	;	5.52E-15
Potassium-40	9.00E-10	-	-	31.9	205	U ; U	3.28E-14
Radium-226	-	1.00E-12	-	4.62	3.65	;	4.74E-15
Radium-228	-	3.00E-12	-	12.7	4.17	; J	1.30E-14
Strontium-90	5.00E-11	-	9.00E-12	0.295	2.92	U ; UJ	3.03E-16
Thorium-228	-	5.00E-14	4.00E-14	0.941	0.476	;	9.66E-16
Thorium-230	-	4.00E-14	5.00E-14	0.889	0.553	;	9.13E-16
Thorium-232	-	7.00E-15	1.00E-14	1.03	0.284	;	1.06E-15
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.698	0.649	;	7.17E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.0396	0.457	U ; U	-4.07E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.921	0.468	;	9.46E-16
25Q2 Location DOE-4 Air Volume/Sample 9.84E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	1.74	46.8	U ; U	1.77E-15
Americium-241	-	2.00E-14	-	0	0.38	U ; U	0.00E+00
Beryllium-7	-	5.00E-08	4.00E-08	4.14	189	U ; U	4.21E-15
Cesium-137	4.00E-10	-	-	2.65	14.9	U ; U	2.69E-15
Cobalt-60	-	4.00E-10	8.00E-11	-0.0616	13	U ; U	-6.26E-17
Plutonium-238	-	3.00E-14	4.00E-14	0.0894	0.424	U ; U	9.09E-17
Plutonium-239	-	2.00E-14	4.00E-14	0.016	0.35	U ; U	1.63E-17
Plutonium-241	-	1.00E-12	2.00E-12	-8.29	28.2	U ; U	-8.42E-15
Polonium-210	1.00E-12	1.00E-12	-	6.13	0.464	;	6.23E-15
Potassium-40	9.00E-10	-	-	-46.5	129	U ; U	-4.73E-14
Radium-226	-	1.00E-12	-	1.8	1.72	;	1.83E-15
Radium-228	-	3.00E-12	-	6.32	4.86	; J	6.42E-15
Strontium-90	5.00E-11	-	9.00E-12	0.0612	2.88	U ; UJ	6.22E-17

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Thorium-228	-	5.00E-14	4.00E-14	1.16	0.623	;	1.18E-15
Thorium-230	-	4.00E-14	5.00E-14	1.42	0.56	;	1.44E-15
Thorium-232	-	7.00E-15	1.00E-14	0.786	0.376	;	7.99E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.953	0.389	;	9.68E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.109	0.296	U ; U	1.11E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	1.29	0.24	;	1.31E-15
25Q3 Location DOE-1 Air Volume/Sample 9.84E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	3.02	19.6	U ; U	3.07E-15
Americium-241	-	2.00E-14	-	-0.0159	0.319	U ; U	-1.62E-17
Beryllium-7	-	5.00E-08	4.00E-08	56.1	49.5	;	5.70E-14
Cesium-137	4.00E-10	-	-	-1.65	4.53	U ; U	-1.68E-15
Cobalt-60	-	4.00E-10	8.00E-11	2.99	5.59	U ; U	3.04E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.0583	0.195	U ; U	5.92E-17
Plutonium-239	-	2.00E-14	4.00E-14	0.0291	0.179	U ; U	2.96E-17
Plutonium-241	-	1.00E-12	2.00E-12	7.87	28.2	U ; U	8.00E-15
Polonium-210	1.00E-12	1.00E-12	-	7.15	0.389	;	7.27E-15
Potassium-40	9.00E-10	-	-	71.1	39.9	;	7.23E-14
Radium-226	-	1.00E-12	-	3.51	4.31	U ; U	3.57E-15
Radium-228	-	3.00E-12	-	9.11	6.83	;	9.26E-15
Strontium-90	5.00E-11	-	9.00E-12	1.08	2.9	U ; U	1.10E-15
Thorium-228	-	5.00E-14	4.00E-14	1.02	0.961	;	1.04E-15
Thorium-230	-	4.00E-14	5.00E-14	1.57	0.676	;	1.60E-15
Thorium-232	-	7.00E-15	1.00E-14	0.454	0.626	U ; U	4.61E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.963	0.794	;	9.79E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.104	0.711	U ; U	-1.06E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	1.45	0.646	;	1.47E-15
25Q3 Location DOE-2 Air Volume/Sample 9.84E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-14.1	22.6	U ; U	-1.43E-14
Americium-241	-	2.00E-14	-	0.0769	0.28	U ; U	7.82E-17
Beryllium-7	-	5.00E-08	4.00E-08	115	47.5	;	1.17E-13
Cesium-137	4.00E-10	-	-	1.35	4.61	U ; U	1.37E-15

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μCi/mL)
Cobalt-60	-	4.00E-10	8.00E-11	1.06	5.76	U ; U	1.08E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.0191	0.211	U ; U	1.94E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.0763	0.256	U ; U	-7.75E-17
Plutonium-241	-	1.00E-12	2.00E-12	-9.63	37.8	U ; U	-9.79E-15
Polonium-210	1.00E-12	1.00E-12	-	4.77	0.377	;	4.85E-15
Potassium-40	9.00E-10	-	-	-6.33	80.3	U ; U	-6.43E-15
Radium-226	-	1.00E-12	-	13.5	5.39	;	1.37E-14
Radium-228	-	3.00E-12	-	6.84	4.33	;	6.95E-15
Strontium-90	5.00E-11	-	9.00E-12	-1.22	2.9	U ; U	-1.24E-15
Thorium-228	-	5.00E-14	4.00E-14	1.14	0.8	;	1.16E-15
Thorium-230	-	4.00E-14	5.00E-14	0.769	0.756	;	7.82E-16
Thorium-232	-	7.00E-15	1.00E-14	0.71	0.484	;	7.22E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.458	0.492	U ; U	4.65E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.0332	0.383	U ; U	-3.37E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.758	0.414	;	7.70E-16
25Q3 Location DOE-3 Air Volume/Sample 9.50E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-16.7	19.4	U ; U	-1.76E-14
Americium-241	-	2.00E-14		0.0347	0.458	U ; U	3.65E-17
Beryllium-7	-	5.00E-08	4.00E-08	56.5	43.4	;	5.95E-14
Cesium-137	4.00E-10	-	-	0.868	3.88	U ; U	9.14E-16
Cobalt-60	-	4.00E-10	8.00E-11	0.753	5.62	U ; U	7.93E-16
Plutonium-238	-	3.00E-14	4.00E-14	-0.0449	0.229	U ; U	-4.73E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.015	0.254	U ; U	-1.58E-17
Plutonium-241	-	1.00E-12	2.00E-12	-3.52	28.5	U ; U	-3.71E-15
Polonium-210	1.00E-12	1.00E-12	-	4.01	0.481	;	4.22E-15
Potassium-40	9.00E-10	-	-	13.3	46	U ; U	1.40E-14
Radium-226	-	1.00E-12	-	6.81	3.47	;	7.17E-15
Radium-228	-	3.00E-12	-	1.21	7.75	U ; U	1.27E-15
Strontium-90	5.00E-11	-	9.00E-12	-1.64	2.85	U ; U	-1.73E-15
Thorium-228	-	5.00E-14	4.00E-14	0.297	1.13	U ; U	3.13E-16
Thorium-230	-	4.00E-14	5.00E-14	0.994	1.11	U ; U	1.05E-15

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Thorium-232	-	7.00E-15	1.00E-14	0.453	0.611	U ; U	4.77E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.622	0.51	;	6.55E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.159	0.427	U ; U	1.67E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	1.14	0.457	;	1.20E-15
25Q3 Location DOE-4 Air Volume/Sample 9.84E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-2.06	20.8	U ; U	-2.09E-15
Americium-241	-	2.00E-14	-	0.0499	0.437	U ; U	5.07E-17
Beryllium-7	-	5.00E-08	4.00E-08	77.3	43.7	;	7.86E-14
Cesium-137	4.00E-10	-	-	-0.358	4.21	U ; U	-3.64E-16
Cobalt-60	-	4.00E-10	8.00E-11	1.38	4.85	U ; U	1.40E-15
Plutonium-238	-	3.00E-14	4.00E-14	0.041	0.105	U ; U	4.17E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.082	0.209	U ; U	-8.33E-17
Plutonium-241	-	1.00E-12	2.00E-12	5.53	27.5	U ; U	5.62E-15
Polonium-210	1.00E-12	1.00E-12	-	5.33	0.378	; J	5.42E-15
Potassium-40	9.00E-10	-	-	70.6	43.3	;	7.17E-14
Radium-226	-	1.00E-12	-	3.67	4.05	U ; U	3.73E-15
Radium-228	-	3.00E-12	-	5.72	4.39	;	5.81E-15
Strontium-90	5.00E-11	-	9.00E-12	0.717	2.84	U ; U	7.29E-16
Thorium-228	-	5.00E-14	4.00E-14	1.16	0.73	;	1.18E-15
Thorium-230	-	4.00E-14	5.00E-14	0.988	0.945	;	1.00E-15
Thorium-232	-	7.00E-15	1.00E-14	1.12	0.573	;	1.14E-15
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.809	0.659	;	8.22E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.0409	0.436	U ; U	4.16E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.642	0.514	;	6.52E-16
25Q4 Location DOE-1 Air Volume/Sample 9.85E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-32.6	48.4	U ; U	-3.31E-14
Americium-241	-	2.00E-14	-	-0.185	0.76	U ; UJ	-1.88E-16
Beryllium-7	-	5.00E-08	4.00E-08	53.2	138	U ; U	5.40E-14
Cesium-137	4.00E-10	-	-	0.138	9.9	U ; U	1.40E-16
Cobalt-60	-	4.00E-10	8.00E-11	-2.94	8.06	U ; U	-2.98E-15
Plutonium-238	-	3.00E-14	4.00E-14	-0.0714	0.49	U ; U	-7.25E-17

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μCi/mL)
Plutonium-239	-	2.00E-14	4.00E-14	0.208	0.521	U ; U	2.11E-16
Plutonium-241	-	1.00E-12	2.00E-12	-22.5	36.1	U ; U	-2.28E-14
Polonium-210	1.00E-12	1.00E-12	-	10.4	0.558	;	1.06E-14
Potassium-40	9.00E-10	-	-	17	102	U ; U	1.73E-14
Radium-226	-	1.00E-12	-	5.49	2.57	; UJ	5.57E-15
Radium-226/228	-	1.00E-12	-	1.11	2.81	U ; U	1.13E-15
Radium-228	-	3.00E-12	-	6.49	7.22	U ; U	6.59E-15
Strontium-90	5.00E-11	-	9.00E-12	1.05	2.43	U ; U	1.07E-15
Thorium-228	-	5.00E-14	4.00E-14	0.513	0.76	U ; UJ	5.21E-16
Thorium-230	-	4.00E-14	5.00E-14	0.993	0.597	; UJ	1.01E-15
Thorium-232	-	7.00E-15	1.00E-14	0.848	0.514	; J	8.61E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.652	0.874	U ; U	6.62E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.0836	0.527	U ; U	8.49E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	1.02	0.493	;	1.04E-15
25Q4 Location DOE-2 Air Volume/Sample 9.85E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-10.9	70.1	U ; U	-1.11E-14
Americium-241	-	2.00E-14	-	-0.196	1.35	U ; UJ	-1.99E-16
Beryllium-7	-	5.00E-08	4.00E-08	-14.7	184	U ; U	-1.49E-14
Cesium-137	4.00E-10	-	-	10.5	18.6	U ; U	1.07E-14
Cobalt-60	-	4.00E-10	8.00E-11	-17.6	13.4	U ; U	-1.79E-14
Plutonium-238	-	3.00E-14	4.00E-14	-0.0162	0.325	U ; U	-1.64E-17
Plutonium-239	-	2.00E-14	4.00E-14	0.00541	0.546	U ; U	5.49E-18
Plutonium-241	-	1.00E-12	2.00E-12	-7.4	31.4	U ; U	-7.51E-15
Polonium-210	1.00E-12	1.00E-12	-	8.17	0.429	;	8.29E-15
Potassium-40	9.00E-10	-	-	102	139	U ; U	1.04E-13
Radium-226	-	1.00E-12	-	3.22	2.87	; UJ	3.27E-15
Radium-226/228	-	1.00E-12	-	4.12	2.27	;	4.18E-15
Radium-228	-	3.00E-12	-	12	7.39	;	1.22E-14
Strontium-90	5.00E-11	-	9.00E-12	-2.39	3.04	U ; U	-2.43E-15
Thorium-228	-	5.00E-14	4.00E-14	0.623	1.23	U ; U	6.32E-16
Thorium-230	-	4.00E-14	5.00E-14	0.964	1.27	U ; U	9.79E-16

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μ Ci/mL)
Thorium-232	-	7.00E-15	1.00E-14	1.65	0.912	;	1.68E-15
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.671	0.759	U ; U	6.81E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.0701	0.595	U ; U	-7.12E-17
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.87	0.519	;	8.83E-16
25Q4 Location DOE-3 Air Volume/Sample 9.85E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-20.7	40	U ; U	-2.10E-14
Americium-241	-	2.00E-14	-	0	0.595	U ; UJ	0.00E+00
Beryllium-7	-	5.00E-08	4.00E-08	31.8	130	U ; U	3.23E-14
Cesium-137	4.00E-10	-	-	4.33	12.1	U ; U	4.40E-15
Cobalt-60	-	4.00E-10	8.00E-11	-0.786	9.36	U ; U	-7.98E-16
Plutonium-238	-	3.00E-14	4.00E-14	-0.0157	0.314	U ; U	-1.59E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.0941	0.483	U ; U	-9.55E-17
Plutonium-241	-	1.00E-12	2.00E-12	-7.62	29.7	U ; U	-7.74E-15
Polonium-210	1.00E-12	1.00E-12	-	6.07	0.527	;	6.16E-15
Potassium-40	9.00E-10	-	-	-76.2	180	U ; U	-7.74E-14
Radium-226	-	1.00E-12	-	4.11	3.11	; UJ	4.17E-15
Radium-226/228	-	1.00E-12	-	4.57	2.34	;	4.64E-15
Radium-228	-	3.00E-12	-	5.64	7.28	U ; U	5.73E-15
Strontium-90	5.00E-11	-	9.00E-12	2.27	4.05	U ; U	2.30E-15
Thorium-228	-	5.00E-14	4.00E-14	0.259	0.956	U ; U	2.63E-16
Thorium-230	-	4.00E-14	5.00E-14	1.12	0.883	; UJ	1.14E-15
Thorium-232	-	7.00E-15	1.00E-14	0.47	0.637	U ; U	4.77E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	0.413	0.752	U ; U	4.19E-16
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	-0.147	0.755	U ; U	-1.49E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.538	0.457	;	5.46E-16
25Q4 Location DOE-4 Air Volume/Sample 9.76E+8ml							
Actinium-228	4.00E-11	1.00E-10	1.00E-10	-7.59	33.7	U ; U	-7.78E-15
Americium-241	-	2.00E-14	-	0.108	0.412	U ; UJ	1.11E-16
Beryllium-7	-	5.00E-08	4.00E-08	138	61.3	;	1.41E-13
Cesium-137	4.00E-10	-	-	-1.7	7.37	U ; U	-1.74E-15
Cobalt-60		4.00E-10	8.00E-11	-4.55	5.71	U ; U	-4.66E-15

Radionuclide	DOE 5400.5 Fig III-1 D	DOE 5400.5 Fig III-1 W	DOE 5400.5 Fig III-1 Y	Result (pCi/sample)	MDC (pCi/sample)	Data Qualifier	Airborne Concentration (μCi/mL)
Plutonium-238	-	3.00E-14	4.00E-14	0.0633	0.401	U ; U	6.49E-17
Plutonium-239	-	2.00E-14	4.00E-14	-0.114	0.56	U ; U	-1.17E-16
Plutonium-241	-	1.00E-12	2.00E-12	-17	29.3	U ; U	-1.74E-14
Polonium-210	1.00E-12	1.00E-12	-	10.2	0.573	;	1.05E-14
Potassium-40	9.00E-10	-	-	18.8	60.4	U ; U	1.93E-14
Radium-226	-	1.00E-12	-	1.85	1.97	U ; J	1.90E-15
Radium-226/228	-	1.00E-12	-	5.58	1.98	;	5.72E-15
Radium-228	-	3.00E-12	-	8.47	8.11	;	8.68E-15
Strontium-90	5.00E-11	-	9.00E-12	0.0755	3.53	U ; U	7.74E-17
Thorium-228	-	5.00E-14	4.00E-14	0.668	0.609	; UJ	6.84E-16
Thorium-230	-	4.00E-14	5.00E-14	1.65	0.574	; UJ	1.69E-15
Thorium-232	-	7.00E-15	1.00E-14	0.517	0.494	; J	5.30E-16
Uranium-233/234	4.00E-12	2.00E-12	9.00E-14	1.51	0.954	; UJ	1.55E-15
Uranium-235/236	5.00E-12	2.00E-12	1.00E-13	0.138	0.413	U ; U	1.41E-16
Uranium-238	5.00E-12	2.00E-12	1.00E-13	0.677	0.9	U ; U	6.94E-16

NOTES AND DATA QUALIFIER MEANINGS:

DOE Order 5400.5 – Derived Concentration Guides for Air and Water, Figure III-1

Intake limits are based on removal half-times from the lung (D = 0.5 days, W = 50 days, Y = 500 days)

MDC - Minimum Detectable Concentration

Airborne Concentration (μCi/mL) = (Result (pCi/sample)) / ((Air Volume (mL)/Sample)*1000000)

; - separates lab qualifiers from data validation qualifiers

pCi/sample - Picocuries per sample

μCi/mL - Microcuries per milliliter

mL - milliliters

J - Result is an estimated quantity. Associated numerical value is approximate concentration of analyte in sample.

U - Analyzed for, but not detected.

UI - Uncertain identification.

UJ – The analyte was not detected; however, the result is estimated because of discrepancies in meeting certain analyte specific QC criteria.

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APPENDIX D

Q4/2025 PM₁₀ Monthly Audit Reports and Flow Verification Results

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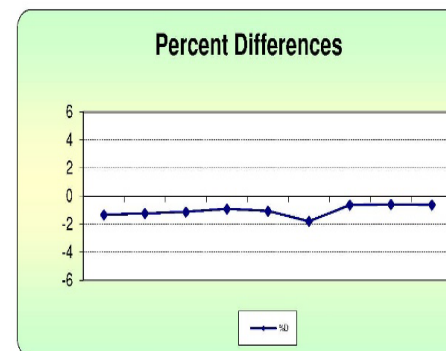
One-Point Flow Rate Bias Estimate

ETEC Site: DOE-1						Pollutant type: PM10				Bias (%)		
Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d ²	d	d ²			
Q4 / 2025 (Q31)	B18932	10/27/2025	14.00	14.19	-1.339	25th -1.242	1.793	1.339	1.793	n 9	Σ d 9.352	"AB" (Eqn 4) 1.039
			16.70	16.91	-1.242		1.542	1.242	1.542			
			17.50	17.70	-1.130		1.277	1.130	1.277			
Q4 / 2025	B18932	11/24/2025	14.00	14.13	-0.920	75th -0.639	0.846	0.920	0.846	n-1 8	Σ d ² 10.973	"AS" (Eqn 5) 0.396
			16.70	16.88	-1.066		1.137	1.066	1.137			
			17.50	17.82	-1.796		3.225	1.796	3.225			
Q4 / 2025	B18932	12/18/2025	14.00	14.09	-0.639		0.408	0.639	0.408			
			16.70	16.80	-0.595		0.354	0.595	0.354			
			17.50	17.61	-0.625		0.390	0.625	0.390			

Bias (%) (Eqn 3)		Both Signs Positive
1.28		FALSE
Signed Bias (%)		Both Signs Negative
-1.28		TRUE

Note: No quality issues reported this quarter.

Reference: U.S. EPA, Ambient Monitoring Technology Information Center (AMTIC)
 Quality Indicator Assessment Reports
 Data Assessment Statistical Calculator - Software to calculate precision and bias statistics
 MS EXCEL filename - "11/3/2017 (dasc)11_3_17.xls"
<https://www3.epa.gov/ttn/amtic/qareport.html>



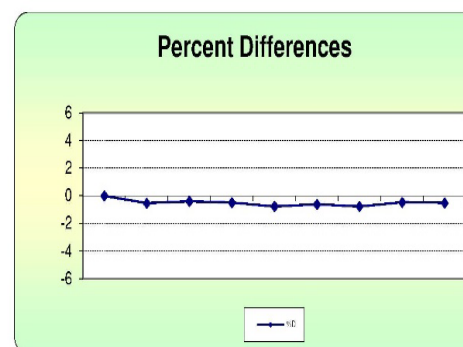


One-Point Flow Rate Bias Estimate

ETEC Site: DOE-2						Pollutant type: PM10				Bias (%)	
Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d ²	d	d ²	nΣ d 94.597 n-1Σd² 82.777 "AB" (Eqn 4) 0.511 "AS" (Eqn 5) 0.232	
Q4 / 2025 (Q31)	Y12096	10/27/2025	14.00	14.00	0.000	25th -0.625	0.000	0.000	0.000		
			16.70	16.79	-0.536		0.287	0.536	0.287		
			17.50	17.57	-0.398		0.159	0.398	0.159		
Q4 / 2025	Y12096	11/24/2025	14.00	14.07	-0.498	75th -0.477	0.248	0.498	0.248	Bias (%) (Eqn 3) 0.65 Signed Bias (%) -0.65 Both Signs Positive FALSE Both Signs Negative TRUE	
			16.70	16.83	-0.772		0.597	0.772	0.597		
			17.50	17.61	-0.625		0.390	0.625	0.390		
Q4 / 2025	Y12096	12/18/2025	14.00	14.11	-0.780		0.608	0.780	0.608		
			16.70	16.78	-0.477		0.227	0.477	0.227		
			17.50	17.59	-0.512		0.262	0.512	0.262		

Note: No quality issues reported
this quarter.

Reference: U.S. EPA, Ambient Monitoring Technology Information Center (AMTIC)
Quality Indicator Assessment Reports
Data Assessment Statistical Calculator - Software to calculate precision and bias statistics
MS EXCEL filename - "11/3/2017 (dasc)11_3_17.xls"
<https://www3.epa.gov/ttn/amtic/qareport.html>





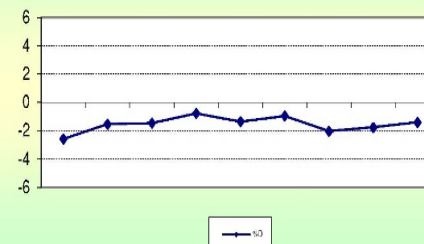
One-Point Flow Rate Bias Estimate

ETEC Site: DOE-3					Pollutant type: PM10					Bias (%)												
Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d ²	d	d ²	<table><tr><td>n</td><td>Σ d </td><td>"AB" (Eqn 4)</td></tr><tr><td>9</td><td>13.875</td><td>1.542</td></tr><tr><td>n-1</td><td>Σ d ²</td><td>"AS" (Eqn 5)</td></tr><tr><td>8</td><td>23.718</td><td>0.540</td></tr></table>	n	Σ d	"AB" (Eqn 4)	9	13.875	1.542	n-1	Σ d ²	"AS" (Eqn 5)	8	23.718	0.540
n	Σ d	"AB" (Eqn 4)																				
9	13.875	1.542																				
n-1	Σ d ²	"AS" (Eqn 5)																				
8	23.718	0.540																				
Q4 / 2025 (Q31)	W23313	10/27/2025	14.00	14.37	-2.575	25th -1.765	6.630	2.575	6.630													
			16.70	16.96	-1.533		2.350	1.533	2.350													
			17.50	17.76	-1.464		2.143	1.464	2.143													
Q4 / 2025	W23313	11/24/2025	14.00	14.11	-0.780	75th -1.359	0.608	0.780	0.608	<table><tr><td>Bias (%) (Eqn 3)</td><td>Both Signs Positive</td></tr><tr><td>1.88</td><td>FALSE</td></tr><tr><td>Signed Bias (%)</td><td>Both Signs Negative</td></tr><tr><td>-1.88</td><td>TRUE</td></tr></table>	Bias (%) (Eqn 3)	Both Signs Positive	1.88	FALSE	Signed Bias (%)	Both Signs Negative	-1.88	TRUE				
Bias (%) (Eqn 3)	Both Signs Positive																					
1.88	FALSE																					
Signed Bias (%)	Both Signs Negative																					
-1.88	TRUE																					
			16.70	16.93	-1.359	1.846	1.359	1.846														
			17.50	17.67	-0.962	0.926	0.962	0.926														
Q4 / 2025	W23313	12/18/2025	14.00	14.29	-2.029		4.118	2.029	4.118													
			16.70	17.00	-1.765		3.114	1.765	3.114													
			17.50	17.75	-1.408		1.984	1.408	1.984													

Note: No quality issues reported this quarter.

Reference: U.S. EPA, Ambient Monitoring Technology Information Center (AMTIC)
 Quality Indicator Assessment Reports
 Data Assessment Statistical Calculator - Software to calculate precision and bias statistics
 MS EXCEL filename - "11/3/2017 (dasc)11_3_17.xls"
<https://www3.epa.gov/ttn/amtic/qareport.html>

Percent Differences



ETEC Site: DOE-4						Pollutant type: PM10	Bias (%)		
Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d ²	d	d ²
Q4 / 2025 (Q31)	X16067	10/27/2025	14.00	14.16	-1.130	<u>25th</u> -1.464	1.277	1.130	1.277
			16.70	16.87	-1.008		1.015	1.008	1.015
			17.50	17.69	-1.074		1.154	1.074	1.154
Q4 / 2025	X16067	11/24/2025	14.00	14.09	-0.639	<u>75th</u> -0.890	0.408	0.639	0.408
			16.70	16.85	-0.890		0.792	0.890	0.792
			17.50	17.65	-0.850		0.722	0.850	0.722
Q4 / 2025	X16067	12/18/2025	14.00	14.21	-1.478		2.184	1.478	2.184
			16.70	17.03	-1.938		3.755	1.938	3.755
			17.50	17.76	-1.464		2.143	1.464	2.143

n	$\sum d $	"AB" (Eqn 4)
9	10.470	1.163
n-1	$\sum d^2$	"AS" (Eqn 5)
8	13.451	0.398

Bias (%) (Eqn 3)	Both Signs Positive
1.41	FALSE
Signed Bias (%)	Both Signs Negative
-1.41	TRUE

Percent Differences

Trial	Percent Difference
1	-1.5
2	-1.2
3	-1.5
4	-0.5
5	-1.2
6	-1.0
7	-1.8
8	-2.2
9	-2.0
10	-1.5
11	-1.8
12	-1.5

*Santa Susana Field Laboratory
Ventura County, California*



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # B18932
 Audit Date: 10/27/25 Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>1.05</u>	as left:	<u>1.05</u>		
	E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found: <u>25.2</u> °C	<u>25.0</u> °C	as left:	<u>25.2</u> °C	<u>25.0</u> °C
Barometric Pressure:	as found: <u>710.0</u> mmHg	<u>711.3</u> mmHg	as left:	<u>710.0</u> mmHg	<u>711.3</u> mmHg
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	<u>16.91</u> lpm	as left:	<u>16.7</u> lpm	<u>16.91</u> lpm
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	<u>14.19</u> lpm	as left:	<u>14.0</u> lpm	<u>14.19</u> lpm
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	<u>17.70</u> lpm	as left:	<u>17.5</u> lpm	<u>17.70</u> lpm

Mechanical Audits (Y = Yes N = No)					
Sample nozzle clean:	as found	<u>Y</u>	as left	<u>Y</u>	
Tape support vane clean:	as found	<u>Y</u>	as left	<u>Y</u>	
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 particle trap clean:	as found	<u>N</u>	as left	<u>Y</u>	
PM10 drip jar empty:	as found	<u>N</u>	as left	<u>Y</u>	
PM10 bug screen clear:	as found	<u>N</u>	as left	<u>Y</u>	

Manual Span Membrane Test			Pump Test		
Expected Span Mass (mg/cm2):	<u>0.949</u>		Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.944</u>		14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.005</u>		(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>0.94%</u>		<u>14.3</u>	<u>392.6</u>	<u>Good</u>

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1230</u>	<u>1330</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>1</u>	<u>1</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log						
Error	Date	Time	Error	Date	Time	
1 <u>No new messages</u>	<u>10/27/25</u>	<u>1335</u>	4			
2			5			
3			6			

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # Y12096
 Audit Date: 10/27/2025 Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>0.5</u>			as left: <u>0.5</u>	
		E-BAM	Ref. Std.	E-BAM	Ref. Std.
Ambient Temperature:	as found: <u>18.9</u> °C	<u>18.9</u> °C	as left: <u>18.9</u> °C	<u>19.2</u> °C	
Barometric Pressure:	as found: <u>710.8</u> mmHg	<u>712.7</u> mmHg	as left: <u>710.8</u> mmHg	<u>712.7</u> mmHg	
16.7 lpm Flow Rate	as found: <u>14.7</u> lpm	<u>16.79</u> lpm	as left: <u>16.7</u> lpm	<u>16.79</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	<u>14.00</u> lpm	as left: <u>14.0</u> lpm	<u>14.00</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	<u>17.57</u> lpm	as left: <u>17.5</u> lpm	<u>17.57</u> lpm	

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape support vane clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	<u>0.891</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.861</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.03</u>	(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>3.43%</u>	<u>14.8</u>	<u>416.3</u>	<u>Marginal</u>

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1035</u>	<u>1035</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>2</u>	<u>2</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>24hrs</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 <u>No new messages</u>	<u>10/27/25</u>	<u>1045</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3Serial # W23313Audit Date: 10/27/2025Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found:	<u>0.5</u>	as left:	<u>0.5</u>	
Ambient Temperature:	as found:	<u>23.1</u> °C	as left:	<u>23.1</u> °C	
Barometric Pressure:	as found:	<u>713.8</u> mmHg	as left:	<u>713.8</u> mmHg	
16.7 lpm Flow Rate	as found:	<u>16.7</u> lpm	as left:	<u>16.7</u> lpm	
14.0 lpm Flow Rate	as found:	<u>14.0</u> lpm	as left:	<u>14.0</u> lpm	
17.5 lpm Flow Rate	as found:	<u>17.5</u> lpm	as left:	<u>17.5</u> lpm	
Mechanical Audits (Y = Yes N = No)					
Sample nozzle clean:	as found	<u>N</u>	as left	<u>Y</u>	
Tape support vane clean:	as found	<u>N</u>	as left	<u>Y</u>	
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>	

Manual Span Membrane Test		Pump Test	
Expected Span Mass (mg/cm2):	<u>0.885</u>	Flow Rate	Vacuum
Measured Span Mass (mg/cm2):	<u>0.902</u>	14.0 - 15.0	Value
Difference (mg/cm2):	<u>0.017</u>	(lpm)	(Hg)
% Difference / Pass or Fail:	<u>1.90%</u>	<u>14.3</u>	<u>401.8</u>
			<u>Good</u>

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1148</u>	<u>1148</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>3</u>	<u>3</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 <u>No new Messages</u>	<u>10/27/25</u>	<u>1153</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4Serial # X16067Audit Date: 10/27/2025Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>0.5</u>	as left: <u>0.5</u>			
Ambient Temperature:	as found: <u>27.3</u> °C	Ref. Std. <u>26.1</u> °C	as left: <u>27.3</u> °C	Ref. Std. <u>26.1</u> °C	
Barometric Pressure:	as found: <u>705.4</u> mmHg	Ref. Std. <u>705.2</u> mmHg	as left: <u>705.4</u> mmHg	Ref. Std. <u>705.2</u> mmHg	
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	Ref. Std. <u>16.87</u> lpm	as left: <u>16.7</u> lpm	Ref. Std. <u>16.87</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	Ref. Std. <u>14.16</u> lpm	as left: <u>14.0</u> lpm	Ref. Std. <u>14.16</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	Ref. Std. <u>17.69</u> lpm	as left: <u>17.5</u> lpm	Ref. Std. <u>17.69</u> lpm	

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	<u>N</u>	as left	<u>Y</u>
Tape support vane clean:	as found	<u>N</u>	as left	<u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	<u>0.950</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.955</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.005</u>	(lpm)	(Hg)	
% Difference	<u>0.53%</u>	<u>14.3</u>	<u>408.6</u>	<u>Good/Marginal</u>

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1216</u>	<u>1216</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>4</u>	<u>4</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 <u>No new message</u>	<u>10/27/25</u>	<u>1220</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # B18932
 Audit Date: 11/24/25 Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>1.05</u>	as left:	<u>1.05</u>		
Ambient Temperature:	as found: <u>21.8</u> °C	Ref. Std. <u>21.5</u> °C	as left: <u>21.8</u> °C	Ref. Std. <u>21.5</u> °C	
Barometric Pressure:	as found: <u>716.3</u> mmHg	Ref. Std. <u>716.3</u> mmHg	as left: <u>716.3</u> mmHg	Ref. Std. <u>716.3</u> mmHg	
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	Ref. Std. <u>16.88</u> lpm	as left: <u>16.7</u> lpm	Ref. Std. <u>16.88</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	Ref. Std. <u>14.13</u> lpm	as left: <u>14.0</u> lpm	Ref. Std. <u>14.13</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	Ref. Std. <u>17.82</u> lpm	as left: <u>17.5</u> lpm	Ref. Std. <u>17.82</u> lpm	

Mechanical Audits (Y = Yes N = No)					
Sample nozzle clean:	as found	<u>N</u>	as left	<u>Y</u>	
Tape support vane clean:	as found	<u>N</u>	as left	<u>Y</u>	
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>N</u>	

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	<u>0.949</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2) :	<u>0.946</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2) :	<u>0.003</u>	(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>0.32%</u>	<u>14.6</u>	<u>384.1</u>	<u>Good</u>

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>0947</u>	<u>0947</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>1</u>	<u>1</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log						
Error	Date	Time	Error	Date	Time	
1 <u>No New Messages</u>	<u>11/24/25</u>	<u>1006</u>	4			
2			5			
3			6			

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # Y12096
 Audit Date: 11/24/25 Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A		Serial No:	158047	
Calibration Date:	2/11/2025				
Leak Check Value:	as found: <u>0.5</u>		as left: <u>0.5</u>		
	E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found: <u>21.3</u> °C	<u>20.1</u> °C	as left: <u>21.3</u> °C	<u>20.1</u> °C	
Barometric Pressure:	as found: <u>718.0</u> mmHg	<u>718.0</u> mmHg	as left: <u>718.0</u> mmHg	<u>718.0</u> mmHg	
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	<u>16.83</u> lpm	as left: <u>16.7</u> lpm	<u>16.83</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	<u>14.07</u> lpm	as left: <u>14.0</u> lpm	<u>14.07</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	<u>17.61</u> lpm	as left: <u>17.5</u> lpm	<u>17.61</u> lpm	

Mechanical Audits (Y = Yes N = No)			
Sample nozzle clean:	as found	<u>N</u>	as left <u>Y</u>
Tape support vane clean:	as found	<u>N</u>	as left <u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left <u>Y</u>
PM10 particle trap clean:	as found	<u>N</u>	as left <u>Y</u>
PM10 drip jar empty:	as found	<u>N</u>	as left <u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left <u>Y</u>

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	<u>0.891</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2) :	<u>0.870</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2) :	<u>0.021</u>	(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>2.39%</u>	<u>14.3</u>	<u>416.8</u>	<u>Marginal</u>

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>0805</u>	<u>0805</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>2</u>	<u>2</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 <u>No new Messages</u>	<u>11/24/25</u>	<u>0815</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3Serial # W23313Audit Date: 11/24/2025Audited By: T.S. Williford

Flow Audit											
Flow Audit Device Model:		BGI Delta Cal DC-1A		Serial No: 158047		Calibration Date:		2/11/2025			
Leak Check Value:		as found: 0.5				as left: 0.5					
		E-BAM		Ref. Std.				E-BAM		Ref. Std.	
Ambient Temperature:		as found: 20.1 °C		18.9 °C		as left: 20.1 °C		18.9 °C			
Barometric Pressure:		as found: 717.5 mmHg		717.2 mmHg		as left: 717.5 mmHg		717.2 mmHg			
16.7 lpm Flow Rate		as found: 16.7 lpm		16.93 lpm		as left: 16.7 lpm		16.93 lpm			
14.0 lpm Flow Rate		as found: 14.0 lpm		14.11 lpm		as left: 14.0 lpm		14.11 lpm			
17.5 lpm Flow Rate		as found: 17.5 lpm		17.67 lpm		as left: 17.5 lpm		17.67 lpm			

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape support vane clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	<u>0.885</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.906</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.021</u>	(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>2.35%</u>	<u>14.5</u>	<u>389.7</u>	<u>Good</u>

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1150</u>	<u>1150</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>3</u>	<u>3</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 <u>No new Messages</u>	<u>11/24/25</u>	<u>1158</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # X16067
 Audit Date: 11/24/25 Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>0.5</u>			as left: <u>0.5</u>	
	E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found: <u>22.1</u> °C	<u>19.3</u> °C	as left: <u>22.1</u> °C	<u>19.3</u> °C	
Barometric Pressure:	as found: <u>708.9</u> mmHg	<u>708.7</u> mmHg	as left: <u>708.9</u> mmHg	<u>708.7</u> mmHg	
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	<u>16.85</u> lpm	as left: <u>16.7</u> lpm	<u>16.85</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	<u>14.09</u> lpm	as left: <u>14.0</u> lpm	<u>14.09</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	<u>17.65</u> lpm	as left: <u>17.5</u> lpm	<u>17.65</u> lpm	

Mechanical Audits (Y = Yes N = No)			
Sample nozzle clean:	as found	<u>Y</u>	as left <u>Y</u>
Tape support vane clean:	as found	<u>Y</u>	as left <u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left <u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left <u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left <u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left <u>Y</u>

Manual Span Membrane Test		Pump Test	
Expected Span Mass (mg/cm2):	<u>0.950</u>	Flow Rate	Vacuum
Measured Span Mass (mg/cm2):	<u>0.948</u>	14.0 - 15.0	Value
Difference (mg/cm2):	<u>0.002</u>	(lpm)	(Hg)
% Difference / Pass or Fail:	<u>0.21 %</u>	<u>14.7</u>	<u>396.7</u>
			<u>Good</u>

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1252</u>	<u>1252</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>4</u>	<u>4</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 <u>No new messages</u>	<u>11/24/25</u>	<u>1301</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # B18932
 Audit Date: 12/18/25 Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>1.05</u>			as left: <u>1.05</u>	
		E-BAM	Ref. Std.	E-BAM	Ref. Std.
Ambient Temperature:	as found: <u>24.9</u> °C	<u>24.0</u> °C		as left: <u>24.9</u> °C	<u>24.0</u> °C
Barometric Pressure:	as found: <u>711.0</u> mmHg	<u>711.0</u> mmHg		as left: <u>711.0</u> mmHg	<u>711.0</u> mmHg
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	<u>16.8</u> lpm		as left: <u>16.7</u> lpm	<u>16.8</u> lpm
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	<u>14.09</u> lpm		as left: <u>14.0</u> lpm	<u>14.09</u> lpm
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	<u>17.61</u> lpm		as left: <u>17.5</u> lpm	<u>17.61</u> lpm

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape support vane clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	<u>0.949</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.951</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.002</u>	(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>0.21 %</u>	<u>14.3</u>	<u>381.2</u>	<u>Good</u>

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1056</u>	<u>1056</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>1</u>	<u>1</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 <u>No New messages</u>	<u>12/18/25</u>	<u>1056</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2Serial # Y12096Audit Date: 12/18/25Audited By: TS Williams

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>0.5</u>		as left: <u>0.5</u>		
Ambient Temperature:	as found: <u>25.3</u> °C	Ref. Std. <u>24.7</u> °C	as left: <u>25.3</u> °C	Ref. Std. <u>24.7</u> °C	
Barometric Pressure:	as found: <u>711.1</u> mmHg	Ref. Std. <u>712.7</u> mmHg	as left: <u>711.1</u> mmHg	Ref. Std. <u>712.7</u> mmHg	
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	Ref. Std. <u>16.78</u> lpm	as left: <u>16.7</u> lpm	Ref. Std. <u>16.78</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	Ref. Std. <u>14.11</u> lpm	as left: <u>14.0</u> lpm	Ref. Std. <u>14.11</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	Ref. Std. <u>17.59</u> lpm	as left: <u>17.5</u> lpm	Ref. Std. <u>17.59</u> lpm	

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape support vane clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>

Manual Span Membrane Test	Pump Test		
Expected Span Mass (mg/cm2): <u>0.891</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2): <u>0.867</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2): <u>0.024</u>	(lpm)	(Hg)	
% Difference / Pass or Fail: <u>2.73 %</u>	<u>14.3</u>	<u>421.8</u>	<u>Marginal</u>

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1119</u>	<u>1119</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>2</u>	<u>2</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 <u>No new Message</u>	<u>12/18/25</u>	<u>1130</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3Serial # W23313Audit Date: 12/18/25Audited By: TS W. L. Ford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found: <u>0.5</u>	as left:	<u>0.5</u>		
Ambient Temperature:	as found: <u>28.0</u> °C	Ref. Std. <u>26.4</u> °C	as left: <u>28.0</u> °C	Ref. Std. <u>26.4</u> °C	
Barometric Pressure:	as found: <u>714.3</u> mmHg	Ref. Std. <u>714.2</u> mmHg	as left: <u>714.3</u> mmHg	Ref. Std. <u>714.2</u> mmHg	
16.7 lpm Flow Rate	as found: <u>16.7</u> lpm	Ref. Std. <u>17.00</u> lpm	as left: <u>16.7</u> lpm	Ref. Std. <u>17.00</u> lpm	
14.0 lpm Flow Rate	as found: <u>14.0</u> lpm	Ref. Std. <u>14.29</u> lpm	as left: <u>14.0</u> lpm	Ref. Std. <u>14.29</u> lpm	
17.5 lpm Flow Rate	as found: <u>17.5</u> lpm	Ref. Std. <u>17.75</u> lpm	as left: <u>17.5</u> lpm	Ref. Std. <u>17.75</u> lpm	

Mechanical Audits (Y = Yes N = No)

Sample nozzle clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape support vane clean:	as found	<u>Y</u>	as left	<u>Y</u>
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	<u>0.885</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.921</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.036</u>	(lpm)	(Hg)	
% Difference	<u>3.99%</u>	<u>14.6</u>	<u>401.7</u>	<u>Good</u>

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1206</u>	<u>1206</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>3</u>	<u>3</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 <u>No New Messages</u>	<u>12/10</u>	<u>12/18/25</u>	4		
2			5		
3			6		

Audit Notes:



Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4Serial # X16067Audit Date: 12/18/25Audited By: TS Williford

Flow Audit					
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	158047	Calibration Date:	2/11/2025
Leak Check Value:	as found:	<u>0.5</u>	as left:	<u>0.5</u>	
Ambient Temperature:	as found:	<u>30.0</u> °C	as left:	<u>30.0</u> °C	
Barometric Pressure:	as found:	<u>705.8</u> mmHg	as left:	<u>705.7</u> mmHg	
16.7 lpm Flow Rate	as found:	<u>16.7</u> lpm	as left:	<u>16.7</u> lpm	
14.0 lpm Flow Rate	as found:	<u>14.0</u> lpm	as left:	<u>14.0</u> lpm	
17.5 lpm Flow Rate	as found:	<u>17.5</u> lpm	as left:	<u>17.5</u> lpm	
Mechanical Audits (Y = Yes N = No)					
Sample nozzle clean:	as found	<u>N</u>	as left	<u>Y</u>	
Tape support vane clean:	as found	<u>N</u>	as left	<u>Y</u>	
Tape spool covers tight:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 particle trap clean:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 drip jar empty:	as found	<u>Y</u>	as left	<u>Y</u>	
PM10 bug screen clear:	as found	<u>Y</u>	as left	<u>Y</u>	

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2):	<u>0.950</u>	Flow Rate	Vacuum	Quality Category
Measured Span Mass (mg/cm2):	<u>0.954</u>	14.0 - 15.0	Value	Good / Marginal / Poor
Difference (mg/cm2):	<u>0.004</u>	(lpm)	(Hg)	
% Difference / Pass or Fail:	<u>0.42 %</u>	<u>14.6</u>	<u>408.6</u>	<u>Good</u>

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	<u>1318</u>	<u>1318</u>	Analog Mode	Hourly	<u>✓</u>	Flow Type	Actual	<u>✓</u>
Location	<u>4</u>	<u>4</u>	Baud Rate	9600	<u>✓</u>	Restart Voltage	12.5 v	<u>✓</u>
Tape Advance	24 hrs	<u>✓</u>	RH Setpoint	45%	<u>✓</u>	Std Cond Temp	25 C	<u>✓</u>
Realtime Avg	60 mins	<u>✓</u>	Delta T Setpoint	15 C	<u>✓</u>	DAC	8.0 v	<u>✓</u>
Machine Type	PM-10	<u>✓</u>	RH Control	On	<u>✓</u>	RH Connect	No	<u>✓</u>
Analog FS	1.0 v	<u>✓</u>	Flow Setpoint	16.7	<u>✓</u>	Pump Protect	Off	<u>✓</u>

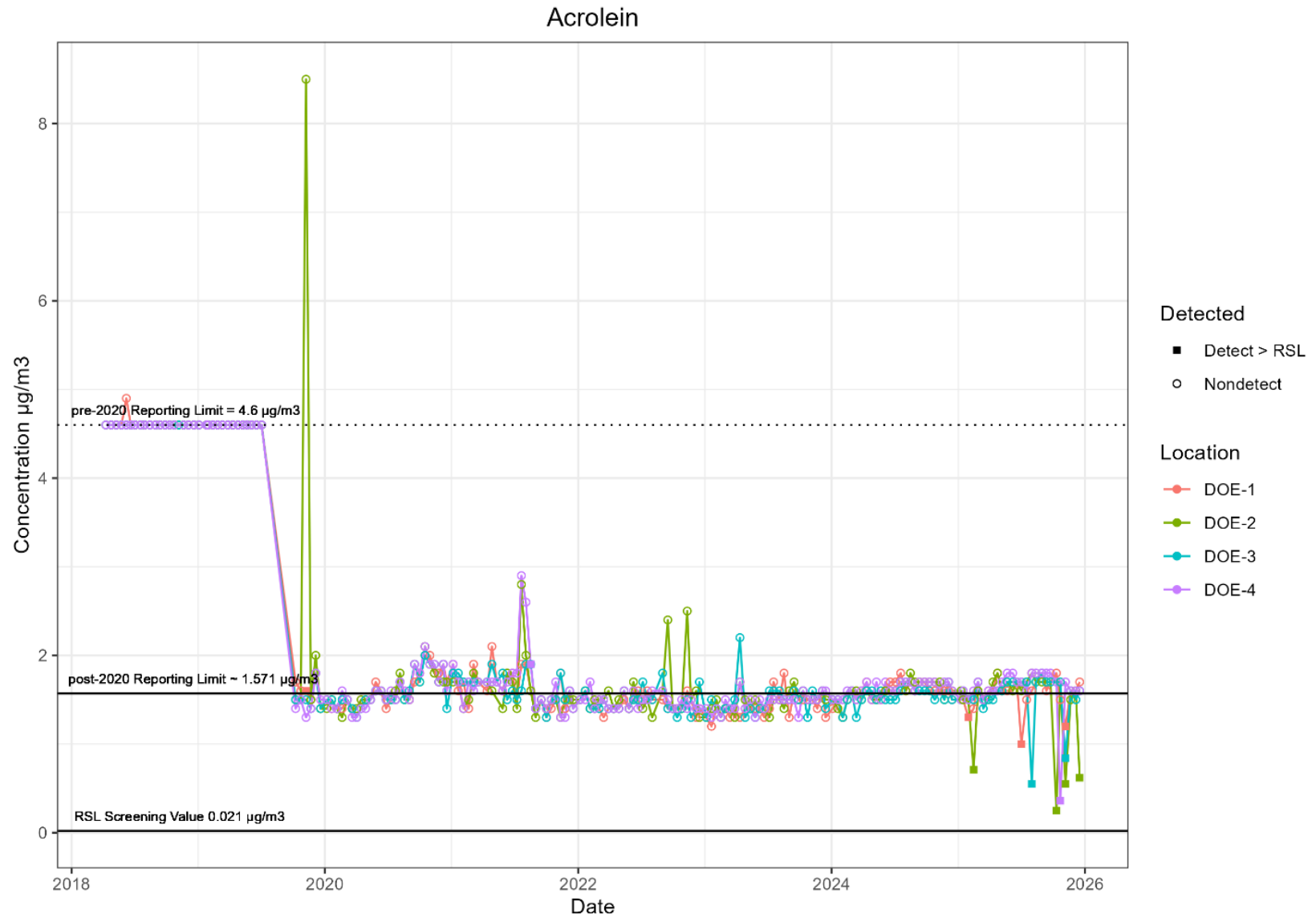
Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 <u>No new Messages</u>	<u>12/18/25</u>	<u>1325</u>	4		
2			5		
3			6		

Audit Notes:

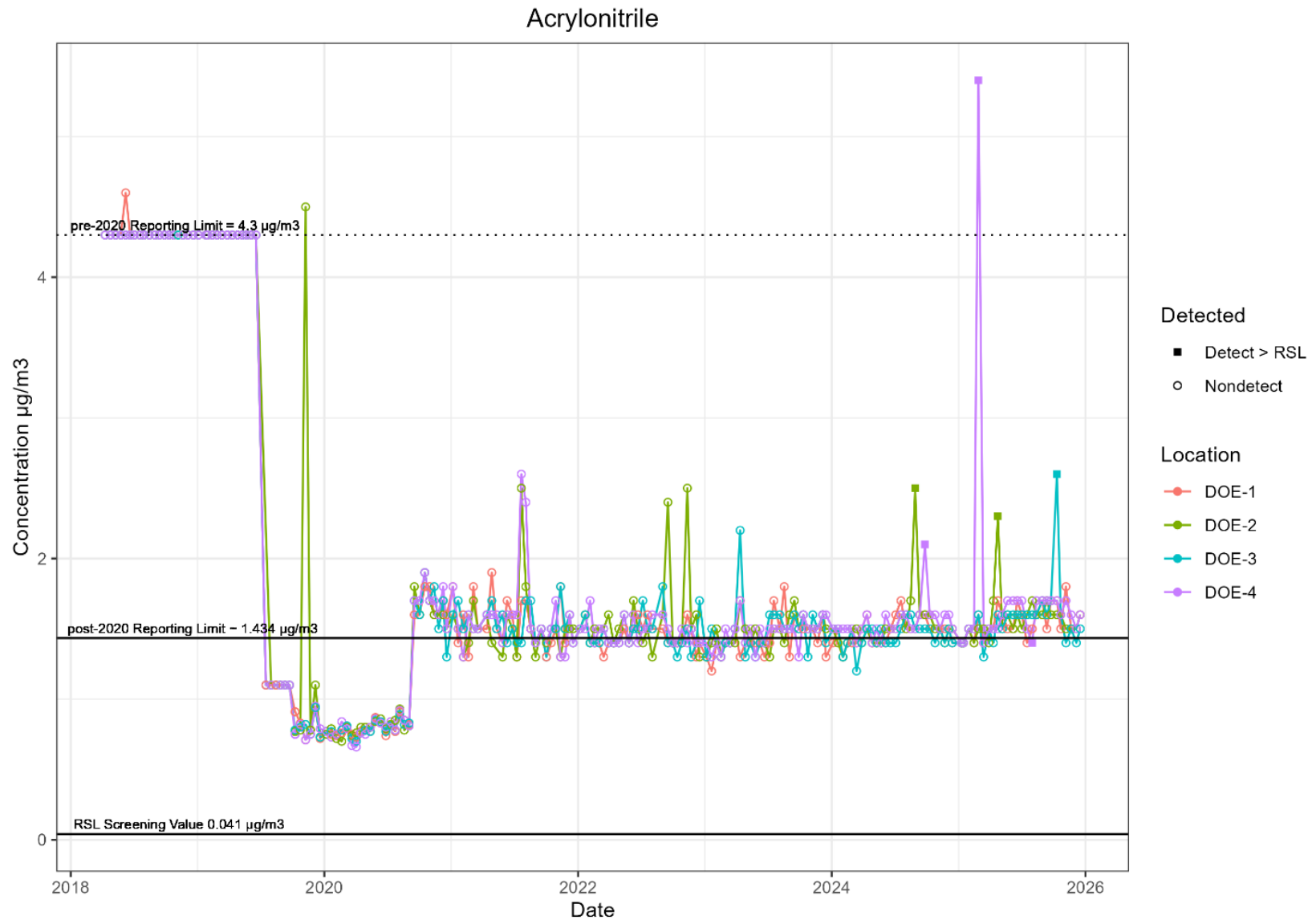
APPENDIX E

Select TO-15 VOC Time vs Concentration Plots 2018 through 2025

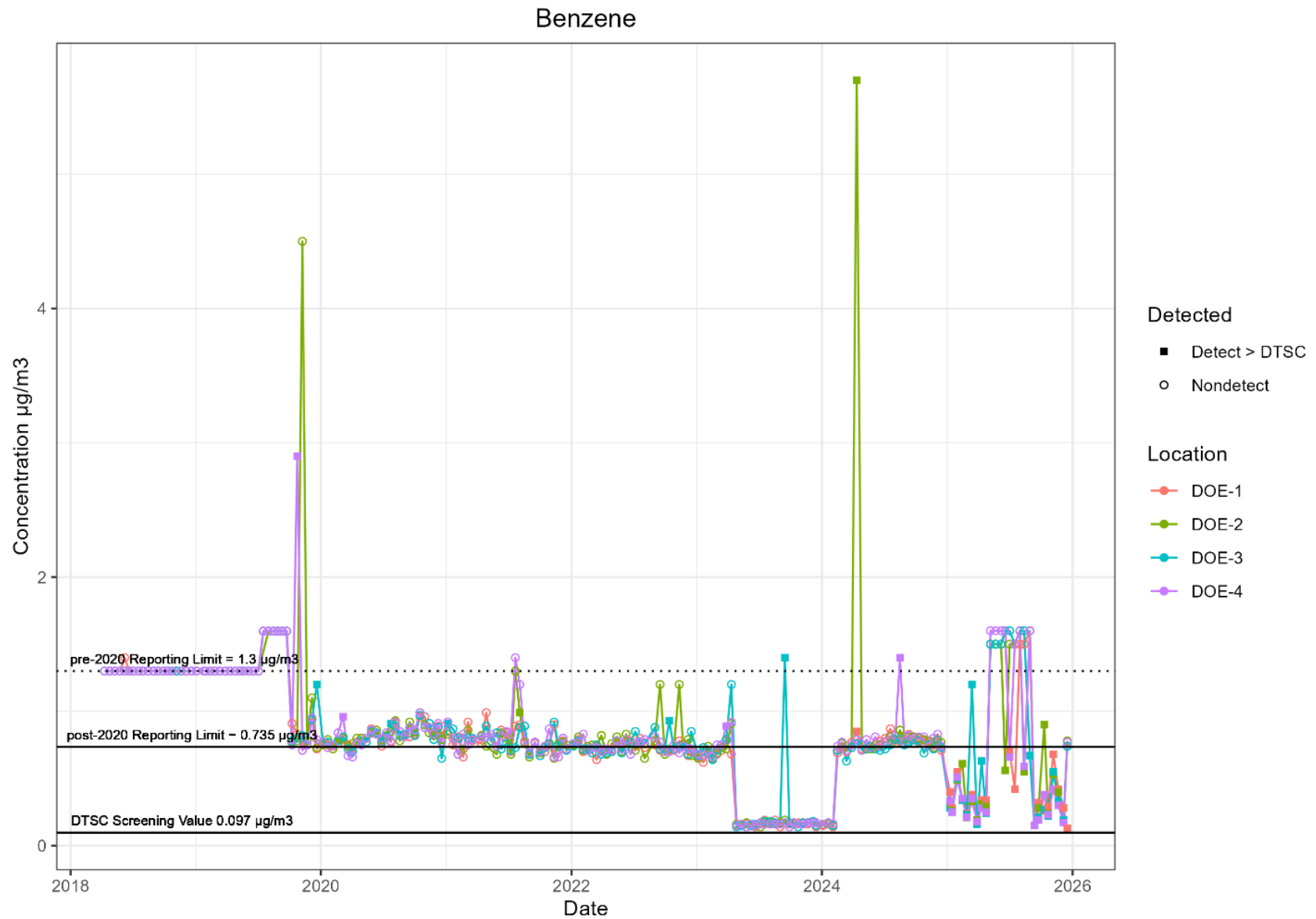
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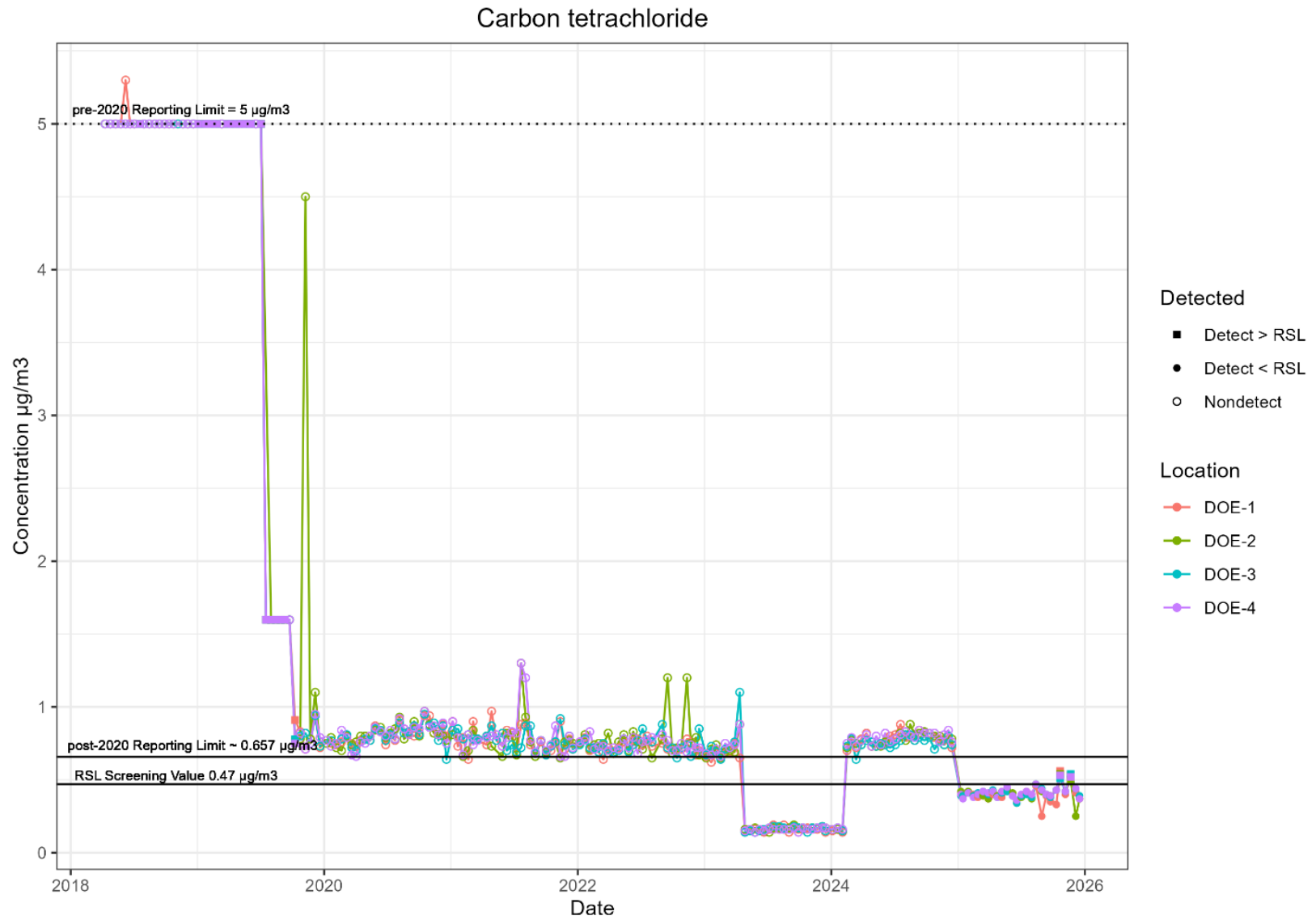
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



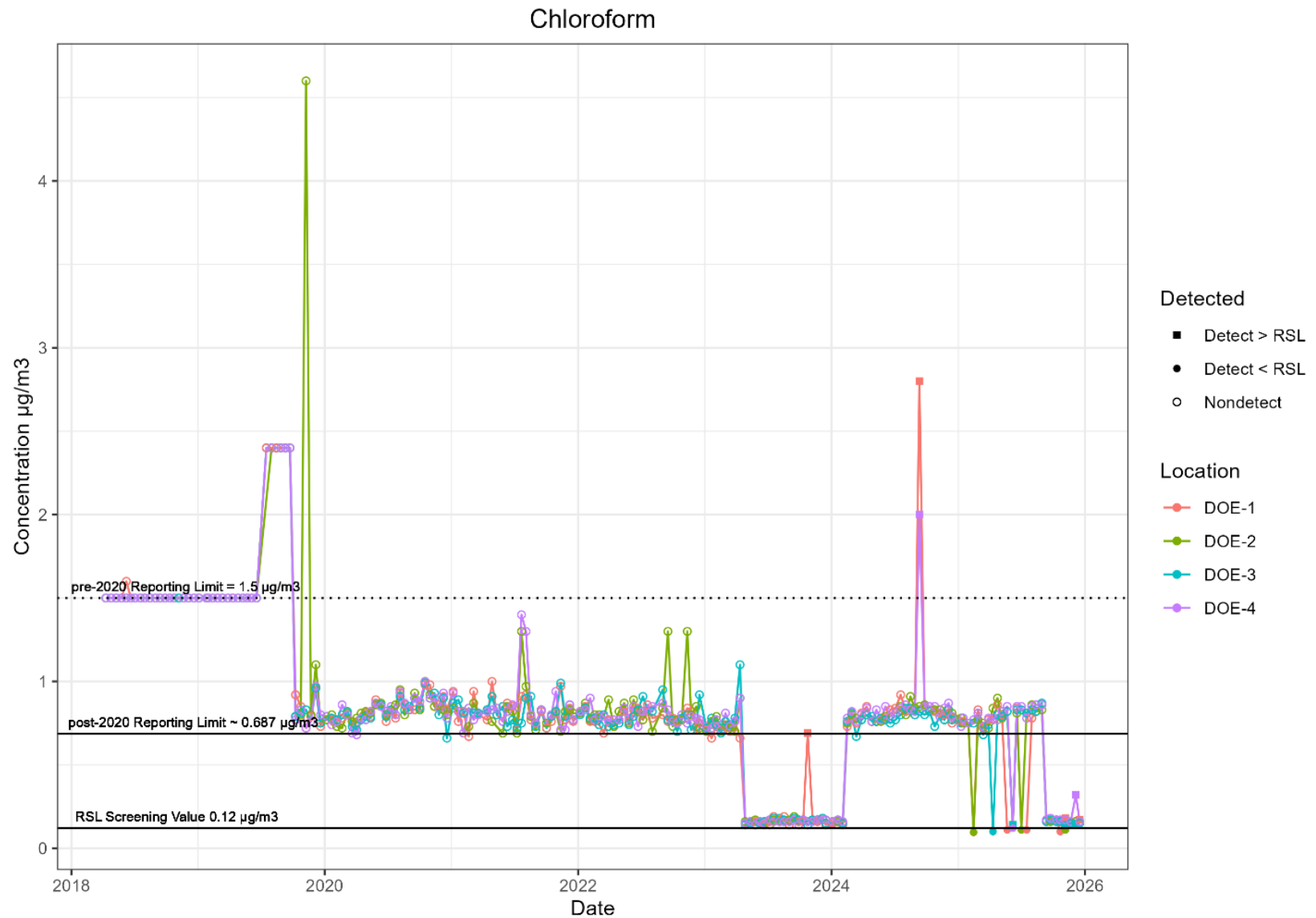
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



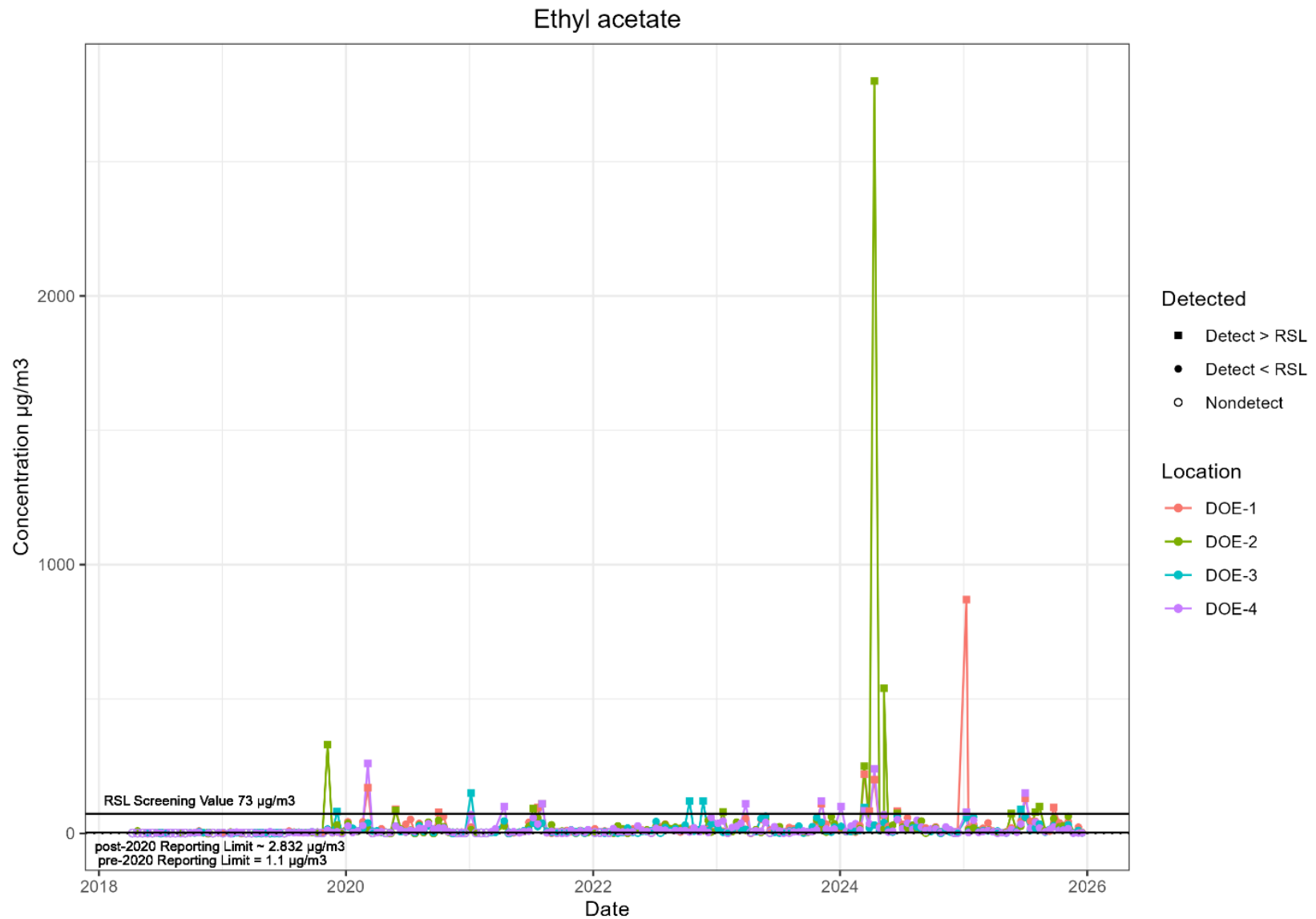
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



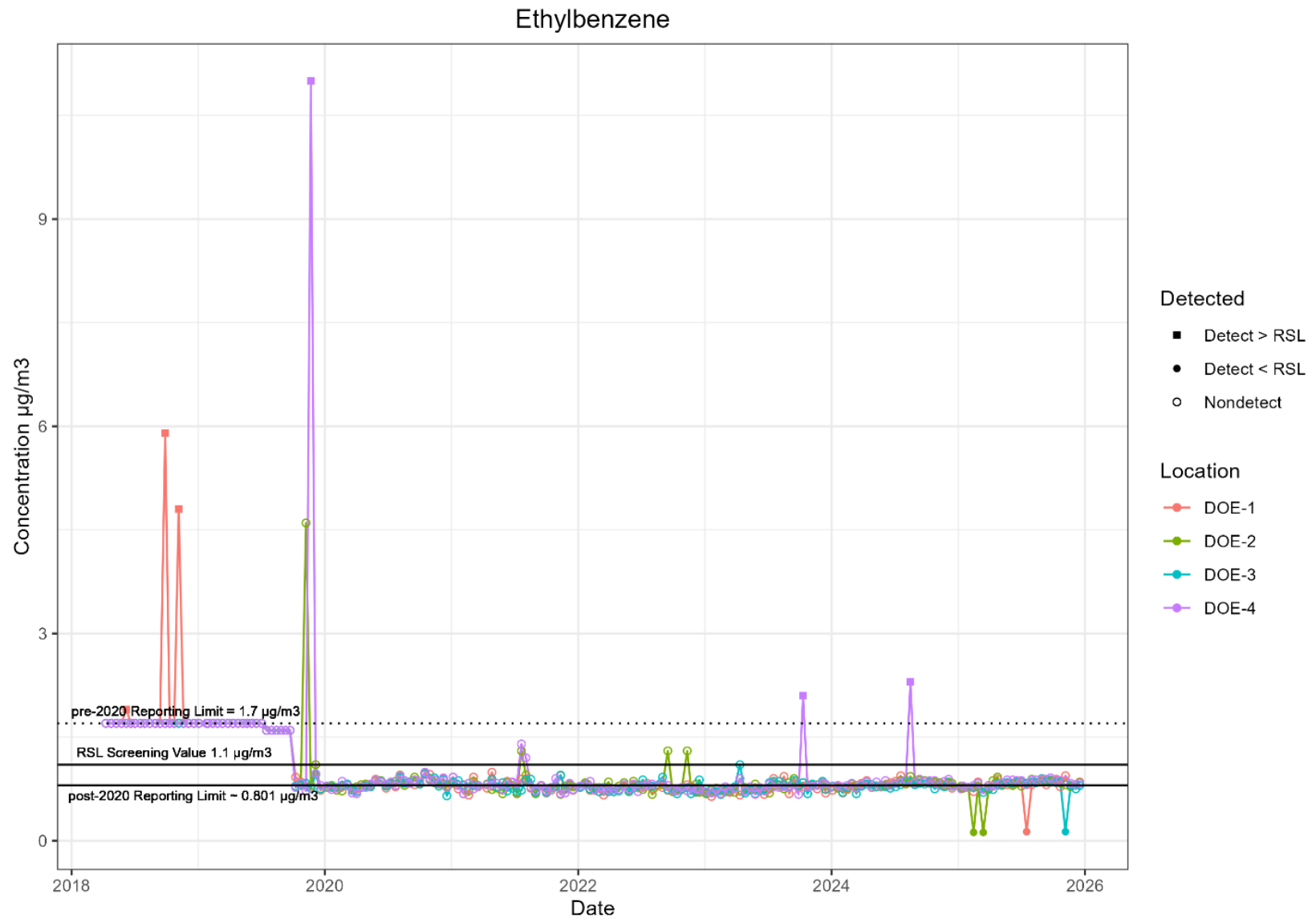
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



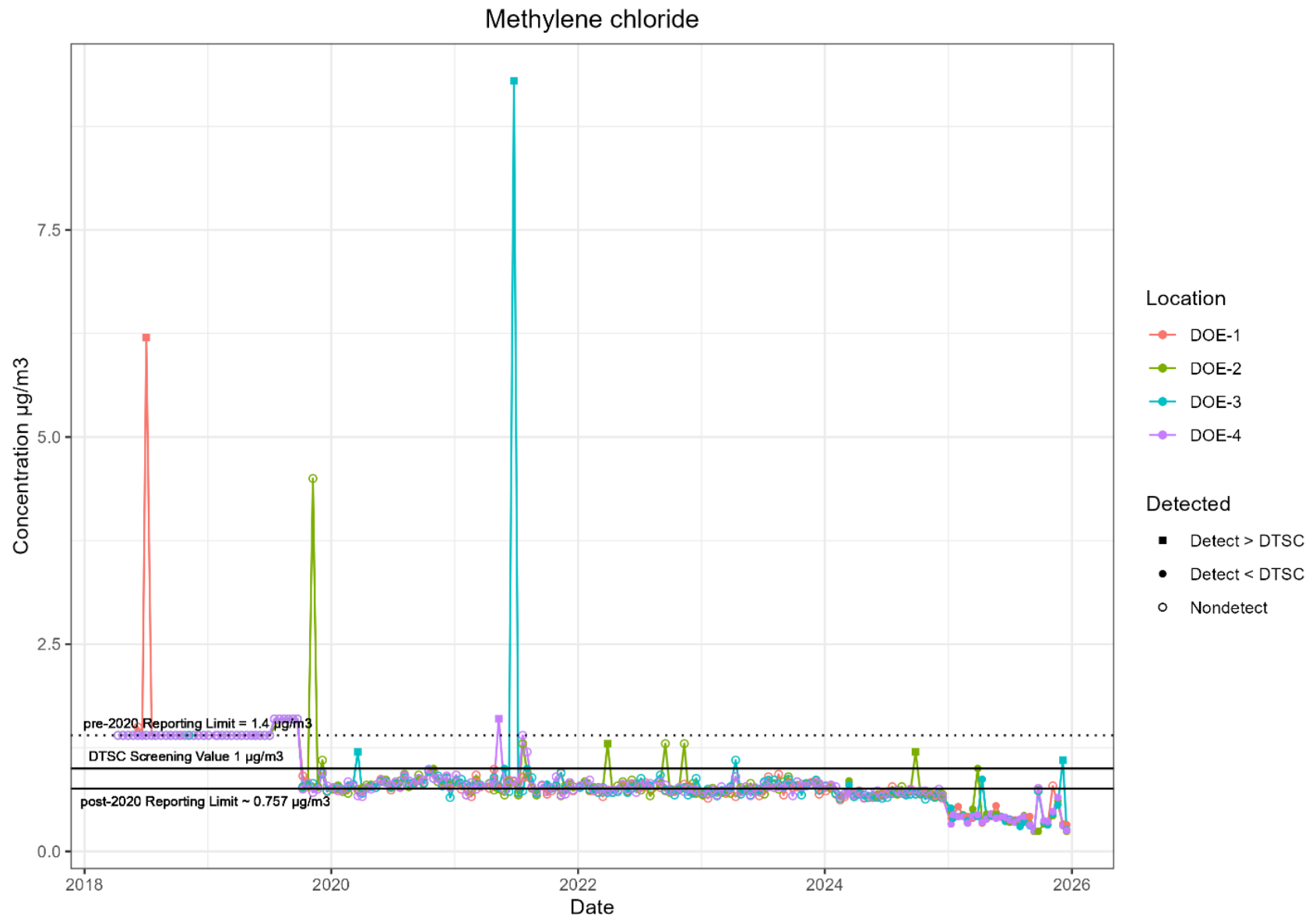
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



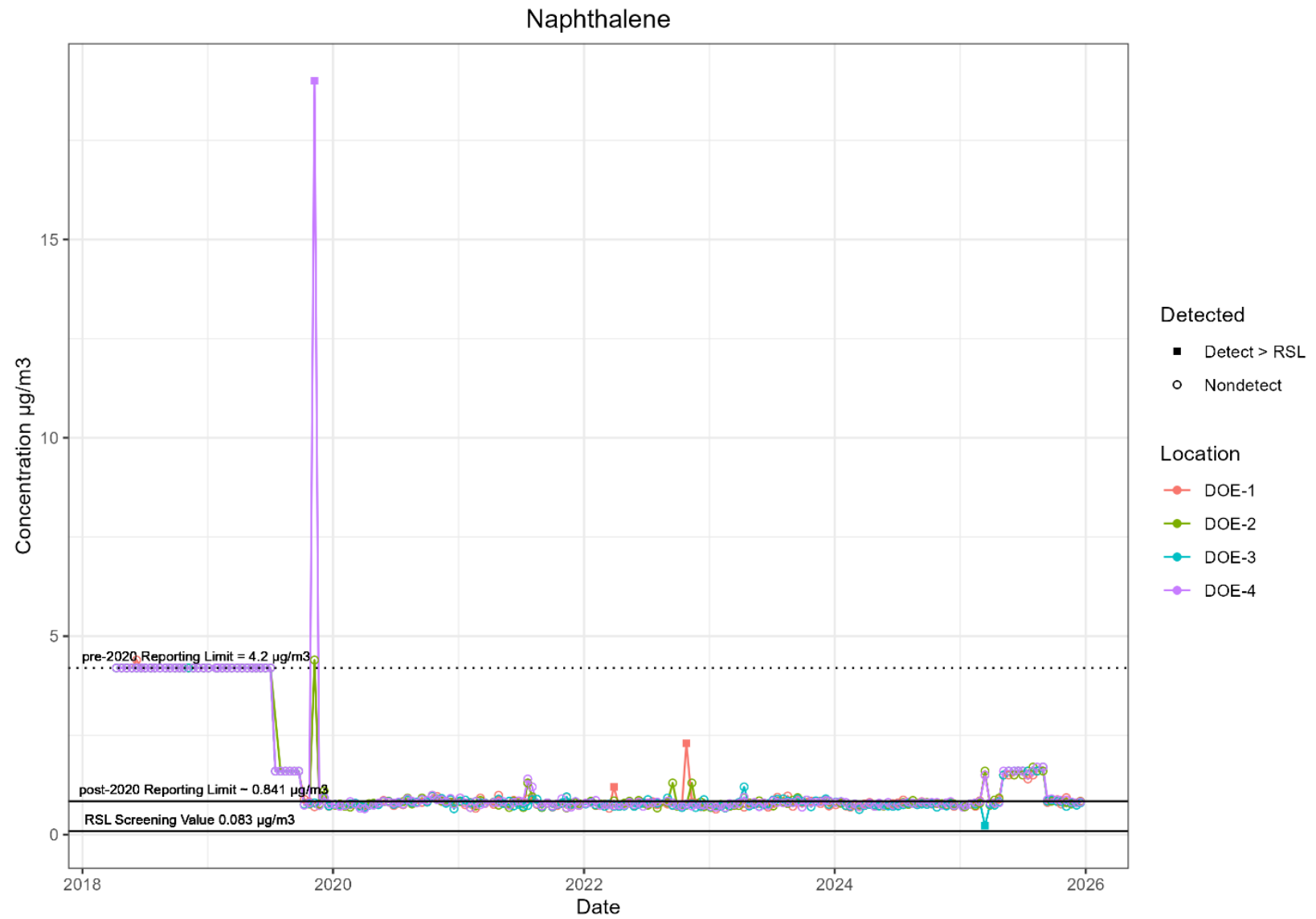
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



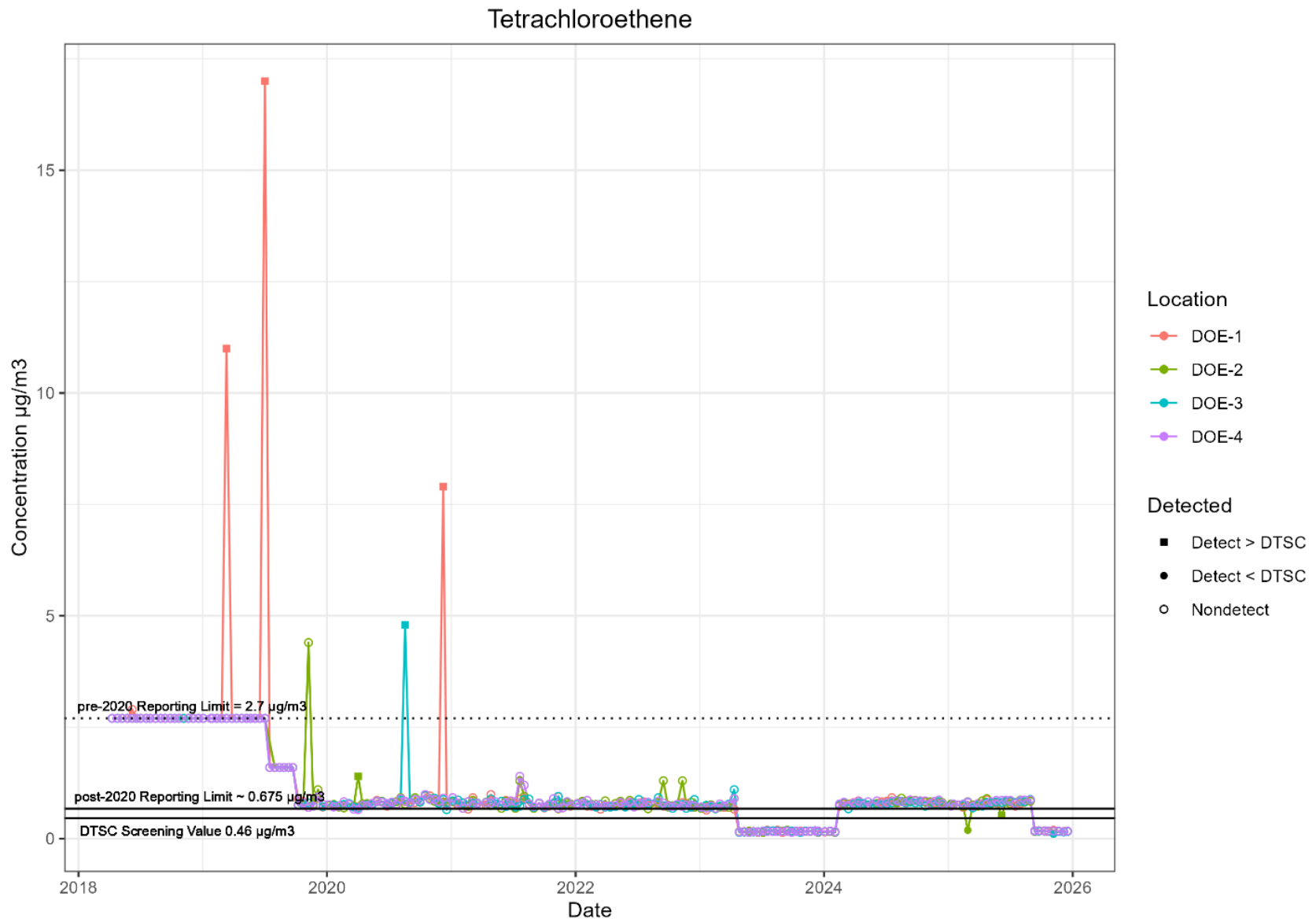
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



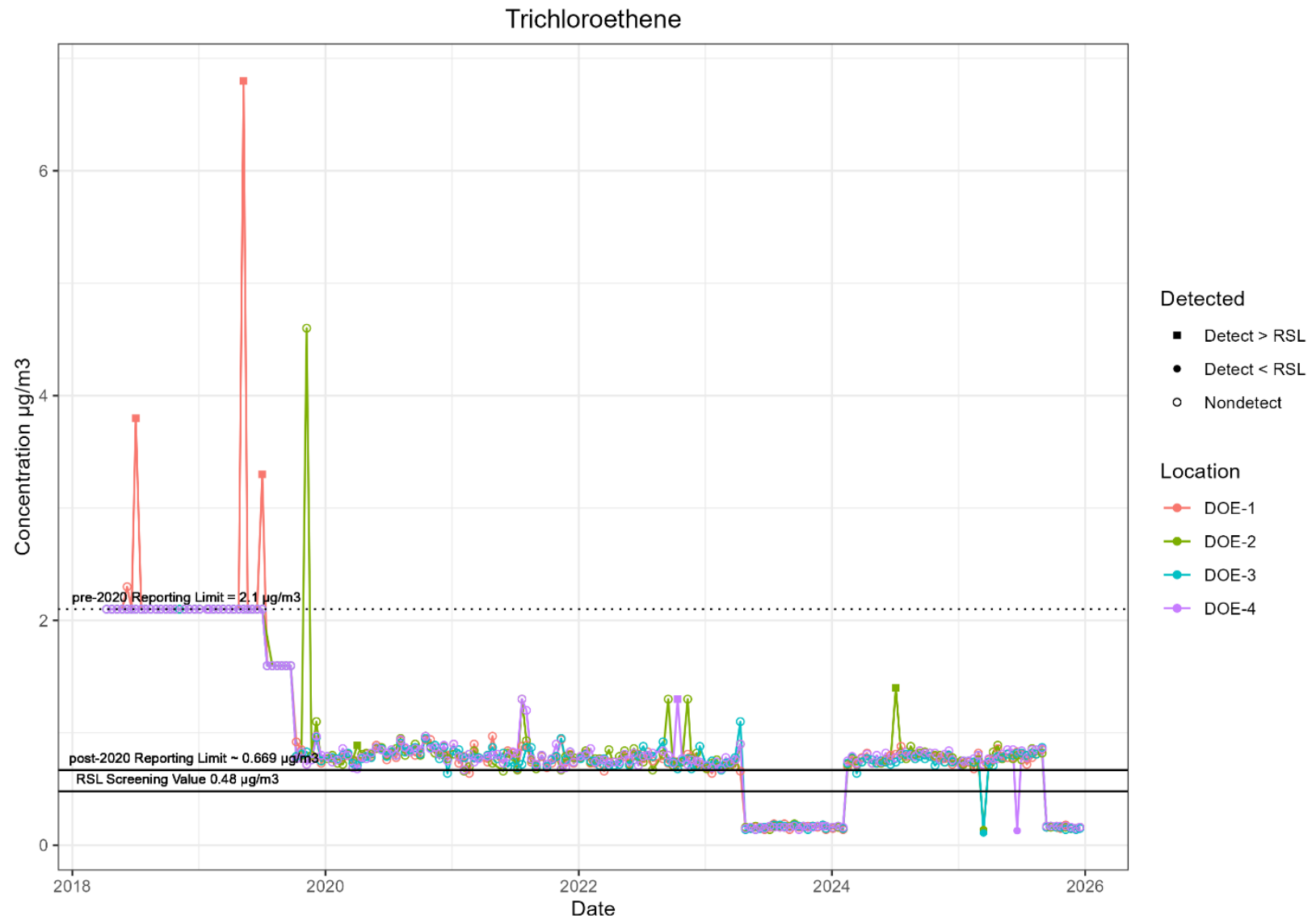
Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.



Data from 4/2018 - 12/2025 are presented.
Nondetects are presented at each result's associated reporting limit.

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APPENDIX F

VOC Analytical Data Packages, Q1/2025 through Q4/2025

Appendix F is available via separate attachment.

APPENDIX G

Radiological Analytical Data Packages, Q1/2025 through Q4/2025

Appendix G is available via separate attachment.