NORTH WIND PORTAGE

REPORT ON AIR MONITORING, AREA IV, FIRST QUARTER 2026

Santa Susana Field Laboratory
Ventura County, California



REPORT ON QUARTERLY AIR MONITORING, AREA IV, FIRST QUARTER 2026, SANTA SUSANA FIELD LABORATORY, VENTURA COUNTY, CA

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EXECUTIVE SUMMARY

This report summarizes the United States Department of Energy (DOE) air monitoring activities conducted during the first quarter of 2026 (Q1 2026), which is the thirty-second quarter (Q32) of the monitoring period (January 1, 2026, to March 31, 2026) at Area IV within the Santa Susana Field Laboratory (SSFL), located in Ventura County, California. 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 Q31 through Q34.

This quarterly 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 Baseline 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 (PM_{10}), 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 SSFL. Baseline levels have been developed for PM_{10}, VOCs, and radionuclides to aid in distinguishing between levels that naturally occur or were previously present at the ETEC site and to determine if onsite remediation activities produce elevated results. 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 2026 by DOE within Area IV are summarized in this report:

- Collected meteorological data from one location (DOE-4);
- Collected PM_{10} 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).

PM_{10} data, meteorological data, and radionuclide data all met the data completeness goal of 80%, and VOC data met the completeness goal of 85% for Q1 2026. The second quarter of 2026 (Q2 2026) monitoring period of the Air Monitoring Program is to begin April 1, 2026.

In addition to the air monitoring activities, the following site activities were conducted during Q1 2026 by DOE within Area IV:

- Groundwater level monitoring;
- Groundwater sampling activities at the Former Sodium Disposal Facility as a part of groundwater interim measures, conducted by CDM Smith;
- HMSA Pilot Study performance monitoring groundwater sampling; and
- Surveillance and maintenance.

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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
DASC	Data Assessment Statistical Calculator
DOE	U.S. Department of Energy
DTSC	State of California Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
ETEC	Energy Technology Engineering Center
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
mL	milliliter(s)
mph	miles per hour
MS	mass spectrometry
MDL	method detection limit
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
Q32	thirty-second quarter
QA	quality assurance
QC	quality control
RAWS	Remote Automatic Weather Stations
RPD	relative percent difference
RSL	regional screening level
SDG	sample delivery group
SLAMS	State and Local Air Monitoring Stations
SSFL	Santa Susana Field Laboratory
VOC	volatile organic compound

1. INTRODUCTION

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 was a business segment of Boeing. SSFL 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 included buildings that house 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 that may result from onsite remediation activities at SSFL. Responsible parties are monitoring particulate matter between 2.5 and 10 microns in aerodynamic diameter (PM_{10}) and/or volatile organic compounds (VOCs) at 14 locations at SSFL. Data are collected for four perimeter samplers (DOE-1 through DOE-4) and analyzed for gross alpha and gross beta. Individual radionuclide concentrations are 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 also 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 in this report for DOE-1, DOE-2, DOE-3, and DOE-4 of the 14 monitoring locations, represented in Figure 1. VOCs, PM_{10}, 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 results and quality assurance (QA) activities performed during the first quarter of 2026 (Q1 2026), which was from January 1, 2026, through March 31, 2026.

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 per year. The majority of the rainfall occurs between December and April, with January and February being the wettest months. During Q1 2026, the Simi Valley received approximately 7.07 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 Q1 2026 reporting period (January 1, 2026, through March 31, 2026).

Quality objectives and data completeness were met for all meteorological, PM_{10}, VOC, and radionuclide data for Q1 2026 of the Air Monitoring Program. Urban background data compared with air monitoring data indicate that the PM_{10} concentrations measured at stations DOE-1, DOE-2, DOE-3, and DOE-4 during Q1 2026 are comparable to the PM_{10} concentrations measured at stations characterizing urban background. Other sources that emit VOC characteristics are motor vehicle emissions, fossil fuel combustion, and wildfires. No PM_{10} concentrations exceeded the California Ambient Air Quality Standard (CAAQS; 50 micrograms per cubic meter [µg/m^3]), or the National Ambient Air Quality Standard (NAAQS; 150 µg/m^3).

During Q1 2026 no downtime was observed for the units at DOE-1 and DOE-2. The unit at DOE-3 experienced sporadic shutdowns and flow failures between the dates of January 29, 2026 and February 9, 2026, with major swings of measurements during that time frame. After downloading and reviewing these results, North Wind decided to indicate these values at DOE-3 during this timeframe of January 29, 2026 through February 9, 2026 as low confidence due to the sporadic shutdowns of the unit and did not include the data in this timeframe in PM_{10} tables when discussing detections or exceedances. These results are included and flagged in Appendix A as low confidence. After this timeframe, the sporadic shutdown of the unit resolved, and measurements returned to more normal values. The unit at DOE-3 was switched out during Q2 2026. The unit at DOE-4 experienced downtimes at the end of 2025 due to power cables vibrating loose, and the issue could not be resolved due to site closure for the Christmas holidays; upon returning to the site, the power cables were connected and secured on January 5, 2026.

During Q1 2026, nine VOC analytes were detected above the EPA regional screening level (RSL) or the April 2025 DTSC Human Health Risk Assessment (HHRA) Note 3 Screening Levels. Acrolein was detected at DOE-1, DOE-2, DOE-3, and DOE-4; acrylonitrile was detected at DOE-1; benzene was detected at DOE-1, DOE-2, DOE-3, and DOE-4; chloroform was detected at DOE-1; ethyl acetate was detected at DOE-1 and DOE-2; naphthalene was detected at DOE-1; carbon tetrachloride was detected at DOE-2 and DOE-4; trichloroethene was detected at DOE-4; and 1,2,4-trichlorobenzene was detected at DOE-1.

- Acrolein is a chemical used in a variety of industries and applications, such as chemical manufacturing, water treatment to control algae and microorganisms, and paper manufacturing. Acrolein in air is primarily produced by the incomplete combustion of organic materials and the oxidation of atmospheric pollutants including cigarette/vape smoke, vehicle emissions, burning wood, and cooking fumes.

- Acrylonitrile is a chemical used to produce plastics, synthetic rubbers, and acrylic fibers. Acrylonitrile in air is primarily produced by industrial emissions, tobacco smoke, and burning biomass such as wildfires.

- Benzene is a chemical used in a variety of industries and applications, such as gasoline, plastic manufacturing, adhesives, cleaning products, paint thinners, dyes, pesticides, pharmaceuticals, and printing inks. Benzene in air is primarily produced by tobacco smoke, automobile exhaust, and industrial emissions such as burning coal and oil, gasoline evaporation, and industrial processes.

- Chloroform is a chemical used as an industrial solvent in the production of pharmaceuticals, plastics, and textiles, as well as to make refrigerants and other chemicals. Chloroform in the air is primarily produced from anthropogenic sources, most notably the chlorination of drinking water, wastewater, and swimming pools; through industrial processes, particularly pulp and paper mills; and through chemical manufacturing.

- Ethyl acetate is a solvent used in a variety of industries and applications, such as adhesives, paint and coating products, pharmaceuticals, and printing inks. Ethyl acetate in air is primarily produced from its use in paints, coatings, adhesives, and cleaning agents.

- Naphthalene is a chemical used in the production of various industrial and consumer products, as well as a byproduct of combustion found in tobacco smoke, vehicle exhaust, and forest fires. Naphthalene in the air is primarily produced by the combustion of materials (wood, tobacco, fossil fuels), industrial emissions, and the use of pest repellents (mothballs).

- Carbon tetrachloride is a largely phased-out industrial chemical historically used as a cleaning solvent, refrigerant precursor, and fumigant, it is now strictly limited to controlled industrial applications, such as manufacturing chlorofluorocarbons, pharmaceutical intermediates, and specialized laboratory solvent uses. Carbon tetrachloride in the air is primarily produced by industrial emissions, specifically chemical manufacturing and production of chlorine, refrigerants, and pesticides.

- Trichloroethene is a chemical used in a variety of industries and applications, such as chemical production, paint removers, spot removers, carpet cleaners, metal cleaners, and adhesives. Trichloroethene in the air is primarily produced by industrial emissions, volatilization from contaminated groundwater, and the use of solvent-containing consumer products.

- 1,2,4-trichlorobenzene is a solvent primarily used in industry as a high-temperature solvent, chemical intermediate, and dye carrier, and is key in producing herbicides, lubricants, and dielectric fluids. 1,2,4-trichlorobenzene in the air is primarily produced by industrial manufacturing emissions, its use as a solvent, and improper waste disposal.

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.

Site data collected during Q1 2026 generally agree with greater Los Angeles area data collected, analyzed, and reported by the State of California DTSC. Air monitoring at Area IV of the SSFL is to be continued starting April 1, 2026, for second quarter 2026 (Q2 2026) of the Air Monitoring Program.

Site activities in addition to the air monitoring activities during Q1 2026 include site-wide groundwater level monitoring, surveillance and maintenance, HMSA Pilot Study performance monitoring groundwater sampling, and groundwater sampling activities at the Former Sodium Disposal Facility as part of the groundwater interim measures.

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 with six field duplicate samples collected during this reporting period.

During Q1 2026, radionuclide samples were collected at four perimeter sampler 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 and thoron 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 Q1 2026 — 26 each at DOE-1, DOE-2, DOE-3, and DOE-4. Following analysis for gross alpha and gross beta radiation, sample filters 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.

4. DATA

Sections 4.1 through 4.4 discuss Q1 2026 air monitoring data.

4.1 Meteorological Data

General Summary

Meteorological data, also called weather data, is 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 to 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 in association with the particulate monitoring data to describe the air quality for the communities 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 to ensure it meets acceptance criteria. 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., 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 corresponding to minutes :00, :15, :30; and :45 each hour. There were 90 days in this reporting period (Q1 2026) from 01 Jan 2026 through 31 Mar 2026 with a total of 8,640 possible 15-minute observations.

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 following each weekly data download. Data validation quality control 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 quality control (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]), and meteorological judgment. RAWS station CEEC1 in the Cheeseboro Canyon area is located 2.6 miles south of the DOE-4 site, and station SV in Simi Valley is located 4 miles northeast of the DOE-4 site.
    - Values verified by 2nd-level review considered "acceptable" ..... (final QC Code = 3).
    - Observations considered "suspect" ..... (final QC Code = 7).
    - Observations considered "invalid" or inaccurate ..... (final QC Code = 8).
    - Missing observations flagged as "missing" ..... (final 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 9 of the baseline monitoring are presented in Table 2. Data completeness to-date for Year 9 exceeds 80% for nine out of the ten monitored meteorological parameters. Prior to the start of this quarter, the wind speed sensor had failed and wasn't replaced until February 9, 2026 (see Section 5.1.8.2 for additional information). Consequently, there was a low data completeness for this parameter.

Wind Rose

The final validated 15-minute meteorological dataset was used to develop the wind rose for Q1 2026 as presented in Figure 3. 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 direction is shown as petals on the wind rose, with the frequency of wind speeds depicted by color bands (frequencies were calculated based on total valid observations). Calm winds have speeds less than 0.5 meters per second (m/sec).

During Q1 2026, data capture for wind speed and direction at DOE-4 was 56%. The average and maximum wind speeds were 4.3 m/sec and 16.3 m/s, respectively. The maximum recorded wind gust was 24.3 m/sec. The predominant wind directions this quarter were from the east-southeast (ESE) and from the north-northeast (NNE).

Table 2. Data screening summary for monitored meteorological parameters.

Meteorological Parameter	Screening Criteria (1) (for valid sensor responses)	Data Completeness Percent (%) (2)		
		Q1 2026	Year 9 to Date	Project to Date
Wind Speed	between 0 and 25 m/sec > 0.1 m/sec variation over 3 hours > 0.5 m/sec variation over 12 hours	56.08	56.08	95.25
Wind Direction	between 0 and 360 degrees > 1 degree variation over 3 hours > 10 degree variation over 12 hours	100	100	97.29
Standard Deviation of Wind Direction	Inherits the completeness stats of Wind Direction	100	100	97.29
Temperature @ 10 m	≤ local record high (monthly basis) ≥ local record low (monthly basis) > 0.5°C variation over 12 hours	100	100	97.29
Temperature @ 2 m	≤ local record high (monthly basis) ≥ local record low (monthly basis) > 0.5°C variation over 12 hours	100	100	97.25
Delta Temperature	≤ 0.1°C during daytime ≥ -0.1°C during nighttime between -3.0 and 5.0°C	100	100	97.25
Relative Humidity (and Dewpoint Temperature)	relative humidity between 0–100% 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	100	100	91.07
Precipitation	≤ 1 inch in 1 hour ≤ 4 inches in 24 hours ≥ 2 inches in 3 months	100	100	97.28
Barometric Pressure	between 871 and 982 mb (local) (i.e., between 940 and 1060 mb sea level) ≤ 6 mb variation over 3 hours	100	100	97.29
Solar Radiation	> 0 at night ≤ maximum possible for date, time, lat/long	100	100	97.26

(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 Two was 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.

The number of possible 15-minute observations in the completed reporting periods.
(Note – Reference to Quarters are listed in sequence number from project start (Q1) to present (Q32):

- Q01 = 8,736
- Q02 = 8,832
- Q03 = 8,832
- Q04 = 8,640 (only 3 quarters)
- Year 1 = 35,040
- Q05 = 8,736
- Q06 = 8,832
- Q07 = 7,488
- 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 = 35,040
- Q32 = 8,640
- Year 9 = 8,640 (to date)
- Project = 279,168 (to-date)

4.2 PM_{10} Data

PM_{10} data, defined as coarse particles between 2.5 and 10 microns in aerodynamic 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 disturbed road dust.

PM_{10} data are collected with Met One E-BAM monitors at four monitoring locations. 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 90 days in this reporting period.

- DOE-1 had valid readings all 90 days.
- DOE-2 had valid readings all 90 days.
- DOE-3 had valid readings 78 out of 90 days.
- DOE-4 had valid readings 86 out of 90 days.

DOE-1 and DOE-2 each had data completeness of 100% for PM_{10} in Q1 2026, and DOE-3 and DOE-4 had data completeness of 87% and 96%, respectively, for a total data completeness of 96%, exceeding the project goal of 80% completeness for total samples collected during Q1 2026 (see Table 3). The cumulative total project data completeness has been calculated as 93% from April 2018 through March 2026. The complete table of daily averages for Q1 2026 is presented in Appendix A. During Q1 2026 no downtime was observed for the units at DOE-1 and DOE-2. The unit at DOE-3 experienced sporadic shutdowns and flow failures between the dates of January 29, 2026 and February 9, 2026 with major swings of measurements during that time frame. After downloading and reviewing these results, North Wind decided to indicate these values at DOE-3 during this timeframe of January 29, 2026 through February 9, 2026 as low confidence due to the sporadic shutdowns of the unit and did not include the data in this timeframe in PM_{10} tables when discussing detections or exceedances. These results are included and flagged in Appendix A as low confidence. After this timeframe, the sporadic shutdown of the unit resolved, and measurements returned to more normal values. The unit at DOE-4 experienced downtimes at the end of 2025 due to power cables vibrating loose, and the issue couldn't be resolved due to site closure for the Christmas holidays; upon returning to the site, the power cables were connected and secured on January 5, 2026.

See the PM_{10} daily average table in Appendix A for downtime dates.

The nearby State and Local Air Monitoring Stations (SLAMS), Simi Valley – Cochran Street – PM_{10} Daily Averages, from 01/01/2025 to 01/31/2026 are presented in Appendix A (2025-2026). At the time of writing this report, the data posted are the most current available. Please note, per the EPA website, the 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).

Table 3. PM_{10} data completeness for January 1, 2026, to March 31, 2026.

Location	Valid Readings (Days)	Possible Readings (Days)	Data Completeness (Percent)
DOE-1	90	90	100
DOE-2	90	90	100
DOE-3	78	90	87
DOE-4	86	90	96
		Average Total Data Completeness	96%

The five highest PM_{10} results identified for the reporting period are listed in Table 4 along with the CAAQS for PM_{10}. PM_{10} concentrations were consistent with levels typically found in urban air. Of these top five results, all five were recorded at DOE-3. In total for Q1 2026, no values were above the CAAQS of 50 µg/m^3 or the NAAQS of 150 µg/m^3.

Table 4. Top five PM_{10} 24-hour average concentration days for Q1 2026.

Date	Location	PM_{10} Value (µg/m^3)	CAAQS (µg/m^3)
2/6/2026	DOE-3	43.095	50
2/9/2026	DOE-3	34.862	50
2/4/2026	DOE-3	34.533	50
2/3/2026	DOE-3	33.795	50
2/7/2026	DOE-3	27.866	50

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 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 to screening levels. These screening levels are risk-based concentrations derived from standardized equations combining exposure information with toxicity data.

All four DOE locations were sampled during each of the six VOC sampling events during this period. Data completeness goals for VOCs exceeded the project goal of 85% (see Table 5).

Table 5. Ambient air VOC data completeness.

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%

VOC detection results with associated screening levels are presented in Table B-1 (Appendix B), including comparison to the April 2025 DTSC HHRA Note 3 Screening Levels (DTSC 2025) or the EPA RSLs (EPA 2024).

- During the January 6, 2026 sampling event four analytes exceeded DTSC HHRA Note 3 Screening Levels or the EPA RSLs. Acrolein was detected above the EPA RSL limit of 0.021 µg/m^3 at one location at a concentration of 0.22 J; µg/m^3. Benzene was detected above the DTSC HHRA Note 3 level limit of 0.097 µg/m^3 at four locations at concentrations of 0.43 J; µg/m^3, 0.30 J; µg/m^3, 0.27 J; µg/m^3, and 0.26 J; µg/m^3. Chloroform was detected above the EPA RSL limit of 0.12 µg/m^3 one

location at a concentration of 0.15 J; µg/m^3. Ethyl acetate was detected above the EPA RSL limit of 73 µg/m^3 at one location with a concentration of 140 ; µg/m^3.

- During the January 21, 2026 sampling event three analytes exceeded DTSC HHRA Note 3 Screening Levels or the EPA RSLs. Benzene was detected above the DTSC HHRA Note 3 level limit of 0.097 µg/m^3 at four locations at concentrations of 0.68 J;J µg/m^3, 0.41 J;J µg/m^3, 0.23 J;J µg/m^3, and 0.45 J;J µg/m^3. Ethyl acetate was detected above the EPA RSL limit of 73 µg/m^3 at one location with a concentration of 100 ; µg/m^3. Acrolein was detected above the EPA RSL limit of 0.021 µg/m^3 at one location at a concentration of 0.36 J;J µg/m^3.
- During the February 6, 2026 sampling event seven analytes exceeded DTSC HHRA Note 3 Screening Levels or the EPA RSLs. 1,2,4-trichlorobenzene was detected above the DTSC HHRA Note 3 level limit of 0.38 µg/m^3 at one location at a concentration of 0.44 J; µg/m^3. Acrolein was detected above the EPA RSL limit of 0.021 µg/m^3 at two locations at concentrations of 0.52 J; µg/m^3 and 0.28 J; µg/m^3. Acrylonitrile was detected above the EPA RSL limit of 0.041 µg/m^3 at one location at a concentration of 0.24 J; µg/m^3. Benzene was detected above the DTSC HHRA Note 3 level limit of 0.097 µg/m^3 at three locations at concentrations of 0.85 ; µg/m^3, 0.46 J; µg/m^3, and 0.41 J; µg/m^3. Chloroform was detected above the EPA RSL limit of 0.12 µg/m^3 at one location at a concentration of 0.13 J; µg/m^3. Naphthalene was detected above the EPA RSL limit of 0.083 µg/m^3 at one location at a concentration of 0.38 J; µg/m^3. Carbon tetrachloride was detected above the EPA RSL limit of 0.47 µg/m^3 at two locations at concentrations of 0.49 ; µg/m^3 and 0.48 ; µg/m^3.
- During the February 19, 2026 sampling event two analytes exceeded DTSC HHRA Note 3 Screening Levels or the EPA RSLs. Acrolein was detected above the EPA RSL limit of 0.021 µg/m^3 at one location at a concentration of 1.3 J; µg/m^3 and benzene was detected above the DTSC HHRA Note 3 level limit of 0.097 µg/m^3 three locations at concentrations of 0.48 J; µg/m^3, 0.42 J; µg/m^3, and 0.37 J; µg/m^3.
- During the March 3, 2026 sampling event two analytes exceeded DTSC HHRA Note 3 Screening Levels or the EPA RSLs. Acrolein was detected above the EPA RSL limit of 0.021 µg/m^3 at four locations at concentrations of 0.75 J;J µg/m^3, 0.32 J;J µg/m^3, 0.28 J;J µg/m^3, and 0.28 J;J µg/m^3. Benzene was detected above the DTSC HHRA Note 3 level limit of 0.097 µg/m^3 at four locations at concentrations of 0.41 J;J µg/m^3, 0.39 J;J µg/m^3, 0.26 J;J µg/m^3, and 0.25 J;J µg/m^3.
- During the March 19, 2026 sampling event four analytes exceeded DTSC HHRA Note 3 Screening Levels or the EPA RSLs. Acrolein was detected above the EPA RSL limit of 0.021 µg/m^3 at four locations at concentrations of 0.23 J; µg/m^3, 0.33 J; µg/m^3, 0.26 J; µg/m^3, and 0.24 J; µg/m^3. Benzene was detected above the DTSC HHRA Note 3 level limit of 0.097 µg/m^3 at four locations at concentrations of 0.78 ; µg/m^3, 0.32 J; µg/m^3, 0.27 J; µg/m^3, and 0.41 J; µg/m^3. Ethyl acetate was detected above the EPA RSL limit of 73 µg/m^3 at one location at a concentration of 86 ; µg/m^3. In addition, trichloroethene was detected above the EPA RSL limit of 0.48 µg/m^3 at one location at a concentration of 1.5 ; µg/m^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 and in duplicate samples, indicating that these VOCs were not caused by the building demolition activities performed during June 2020 through February 2022. It has been noted that dichlorodifluoromethane (freon-12) concentrations detected in DOE samples are generally consistent in range, variations, and frequency with the Boeing and NASA data. This supports the assertion that the source may be regional. However, in response to past DTSC comments concerning ethyl acetate and the significantly higher detections at the DOE locations

verses the Boeing and NASA stations, DOE has identified a laboratory, Eurofins Environment Testing Northern California, LLC (Eurofins Air Toxics) to analyze split samples for Method TO-15 at each of the DOE air monitoring stations for comparison to the current laboratory, ALS. DOE plans to collect the split samples during Q2 2026, specifically during one of the bimonthly air sampling events in June 2026. The results of the split samples will be included in the Q2 2026 Air Monitoring Report. DOE will compare the results between the two laboratories and depending on the outcome, reconsider the laboratory used for future air monitoring sample analysis of Method TO-15.

Neither the establishment of sources for specific contaminants nor the performance of source apportionment was required for identifying remedial air quality impacts, nor was either within the scope or data quality objectives of the Air Monitoring Program.

4.4 Radionuclide Data

ETEC continuously monitors air at multiple locations for radioactive particles. This is performed for two reasons: (1) to determine the background airborne radioactivity concentration so that any possible releases from work activities can be detected, and (2) to detect any possible release from existing activities.

In Q1 2026, 104 airborne radioactivity filter samples were collected — 26 each for 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 using a “low background” Protean radiation counter system onsite. These samples were analyzed for background radioactive materials and potential Area IV–specific radioactive materials.

The alpha and beta data are presented in Table C-1 (Appendix C). The onsite analysis determined only “alpha” or “beta-gamma” and did not analyze for specific isotopes. Isotopic analysis was performed later by an offsite laboratory. Each sample produced a gross alpha and beta-gamma count. The analysis compared these values with the background radiation count rates, and using the volume of air collected determined the net counts and the minimum detectable concentration (MDC) for each sampling event. Some results in Table C-1 (Appendix C) are shown as negative values (because detector background is subtracted from the result).

While approximately 7% of the gross alpha results and approximately 80% of the gross beta-gamma results are above the MDC, none of these results are significant and all were well below the effluent limits specified in California regulations. This is because the “background” value is computed with a clean filter, not a filter exposed to background airborne concentrations. While a portion of the beta results were detectable, the average results remained low. The elevated (but still low) results may be due to airborne dust or smoke. Historically, there has been a noticeable direct correlation between high wind speeds and higher beta results.

Following collection and onsite analysis, the air filters were composited and analyzed for specific radionuclides by an offsite laboratory. The data are shown in Table C-2 (Appendix C). The laboratory analysis determined that most radioactive material present was natural in origin, consisting of beryllium-7, polonium-210, potassium-40, combined radium-226 and radium-228, thorium-228, thorium-230, thorium-232, uranium-233/234, uranium-235/236, and uranium-238.

While artificial radionuclides (e.g., cesium-137, strontium-90, plutonium-239) were present in very small amounts, none of the results were above the MDC in Q1 2026. The presence of these radionuclides is considered a part of the normal variation of global fallout and resuspension activities.

A summary of the gross air sampling data is shown in Table 6.

Table 6. Gross alpha and beta-gamma average results for Q1 2026.

Location	Average alpha result (µCi/mL)	Average alpha MDC (µCi/mL)	Average beta result (µCi/mL)	Average beta MDC (µCi/mL)
DOE-1	1.51E-15	5.53E-15	5.01E-14	2.43E-14
DOE-2	1.57E-15	5.53E-15	5.34E-14	2.43E-14
DOE-3	1.69E-15	5.53E-15	4.27E-14	2.44E-14
DOE-4	2.54E-15	5.53E-15	5.45E-14	2.44E-14
Average	1.83E-15	5.53E-15	5.02E-14	2.43E-14

5. QA/QC ACTIVITIES

The following QA/QC activities were conducted for the PM_{10}, VOC, radionuclide, and meteorological data collection and analysis.

5.1 Field QA/QC

5.1.1 PM_{10}

The 24-hour daily averages for Q1 2026 are presented in Appendix A along with the monthly minimum, maximum, and 95th percentile for each station location. In addition, the nearby SLAMS, Simi Valley – Cochran Street – PM_{10} Daily Averages, from 01/01/2025 to 01/31/2026 along with the monthly average minimum, maximum, and 95th percentile for the Simi Valley – Cochran Street location, are presented in Appendix A (2025-2026). Please note, only the Simi Valley PM_{10} data from the SLAMS have been reported. The Simi Valley $PM_{2.5}$ and the Reseda $PM_{2.5}$ have not been reported here since this report discusses only PM_{10} data, not $PM_{2.5}$ data. In addition, per the EPA website, the 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). At the time of writing this report, the data posted are the most current available.

Flow 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. 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 Q1 2026, the monitor at DOE-2 stopped functioning in early March and was replaced. The Q1 2026 quarterly flow rate bias percentages at the four E-BAM sites ranged from -2.86 to -1.11%. These results were within the flow rate measurement quality objective of +/- 4%.

Complete audit reports and flow verification results for Q1 2026 are presented in Appendix D of this document. The flow rate verifications were based on 40 CFR 58, Appendix A, 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 this EPA guidance document (EPA 2007) provide additional information and instructions for using the DASC tool.

5.1.2 VOCs

All data underwent at least two levels of QC review at the laboratory prior to transmission to North Wind. A minimum of 20% of the transmitted VOC results undergo Level IV data validation, annually. During this quarter, two of the six sample delivery groups (SDGs), P2600253 and P2600847, underwent Level IV 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.

Each location had valid readings on the six sample days for a sample completeness of 100%. Data completeness goals for VOCs exceeded the project goal of 85%.

5.1.3 Field Duplicates

Six field duplicates were collected during this reporting period, and six sampling events were conducted for the Q1 2026 effort. Of the two field duplicate pairs that were validated in Q1 2026 for SDGs P2600253 and P2600847, the following analytes exceeded the quality objective of +/- 15% relative percent difference (RPD):

- Dichlorodifluoromethane, chloromethane, trichlorofluoromethane, ethyl acetate, and carbon tetrachloride in P2600253.

5.1.4 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 -5.0 inches mercury (Hg) to -1.0 inches Hg during this reporting period.

5.1.5 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 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. Barium, which behaves chemically similar to radium, is used as a carrier to determine the yield of the chemical extraction.

Since Q2 2021, 100% of the radiological analytical results have undergone Level 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.

5.1.6 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* (EPA 2000), Table 8-4 – Suggested Data Screening Criteria, 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.

5.1.7 Maintenance

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

5.1.8 Corrective Action

Issues and corrective actions regarding the PM_{10} monitors and the meteorological station are noted in Sections 5.1.8.1 and 5.1.8.2, respectively. Issues and corrective actions regarding the E-BAM monitors are noted in Section 4.2. No issues or corrective actions were noted regarding the remaining monitoring equipment or sampling events during this reporting period.

5.1.8.1 PM_{10} Monitors

E-BAM units are occasionally swapped out for maintenance or repair. Also, due to the sporadic shutdowns and flow failures of DOE-3 between the dates of January 29, 2026 and February 9, 2026, North Wind will download and review E-BAM data more frequently to catch potential data quality issues sooner and swap out units when necessary. Refer to Section 4.2 for a detailed description of PM_{10} air monitoring equipment issues.

5.1.8.2 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 Q1 2026 for all parameters except wind speed. Quality issues this quarter included: (1) continued post-processing of the delta temperature data to resolve a datalogger programming equation where the 10-m and 2-m temperature parameters are reversed, (2) replacement of the wind speed sensor which failed late December 2025 and was replaced early February 2026, and (3) implementation of the recommended sensor maintenance schedule (shown in Table 7 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. The original datalogger was programmed to calculate this correctly. However, after the 2018 Woolsey Wildfire and replacement of the entire meteorological station, the replacement datalogger was improperly programmed to calculate the inverse of delta temperature. Consequently, delta temperature observations continue to be calculated by the datalogger 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" multiplication factor, delta temperature values in the validated project dataset accurately present delta temperature as:

    Delta Temperature = [Temperature @ 10 m] minus [Temperature @ 2 m]

(2) Wind Speed Sensor:

- Data Quality Issue:

- The wind speed sensor failed late December 2025. During the data quality validation process, the DOE-4 wind speed observations were found to be at the minimum value (0.3 m/sec) continuously for multiple days, indicative of a failed sensor. The wind speed sensor failure occurred on December 26, 2025 and was not identified until early January 2026 due to a scheduled site shutdown. The cause of the sensor failure was not determined.

- Corrective Actions:

  - Replacement Sensor – The wind speed sensor was replaced on February 9, 2026 and is performing within quality acceptance criteria. Although the sensor had failed in December 2025, the site shutdown for the end of year holidays, supplier delays, and several days of high wind speed all caused a significant delay in performing the needed sensor replacement.

(3) 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 based on the in-service time of the sensor. Table 7 lists the recommended maintenance schedules for the Met One sensors installed at the DOE-4 meteorological station.

Table 7. 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 & 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 as specified in the respective Met One 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 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 ALS case narrative discusses the cleaning of the canisters.

5.3 Audit Results

The PM_{10} instruments were calibrated at the manufacturer and were functioning properly upon installation. The PM_{10} 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 8 lists the dates for audits conducted in January through March 2026. 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 8. PM_{10} audit completeness.

Location	Met One E-BAM Serial Number	Parameter	Date
DOE-1	B18932	PM_{10}	01/09/2026
DOE-2	Y12096	PM_{10}	01/09/2026
DOE-3	W23313	PM_{10}	01/09/2026
DOE-4	X16067	PM_{10}	01/09/2026
DOE-1	B18932	PM_{10}	02/27/2026
DOE-2	Y12096	PM_{10}	02/27/2026
DOE-3	W23313	PM_{10}	02/27/2026
DOE-4	X16067	PM_{10}	02/27/2026
DOE-1	B18932	PM_{10}	03/27/2026
DOE-2	B20070	PM_{10}	03/27/2026
DOE-3	W23313	PM_{10}	03/27/2026
DOE-4	X16067	PM_{10}	03/27/2026

6. REFERENCES

40 CFR 58, Appendix C – Ambient Air Quality Monitoring Methodology.

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Figure 1 – SSFL Air Monitoring Locations

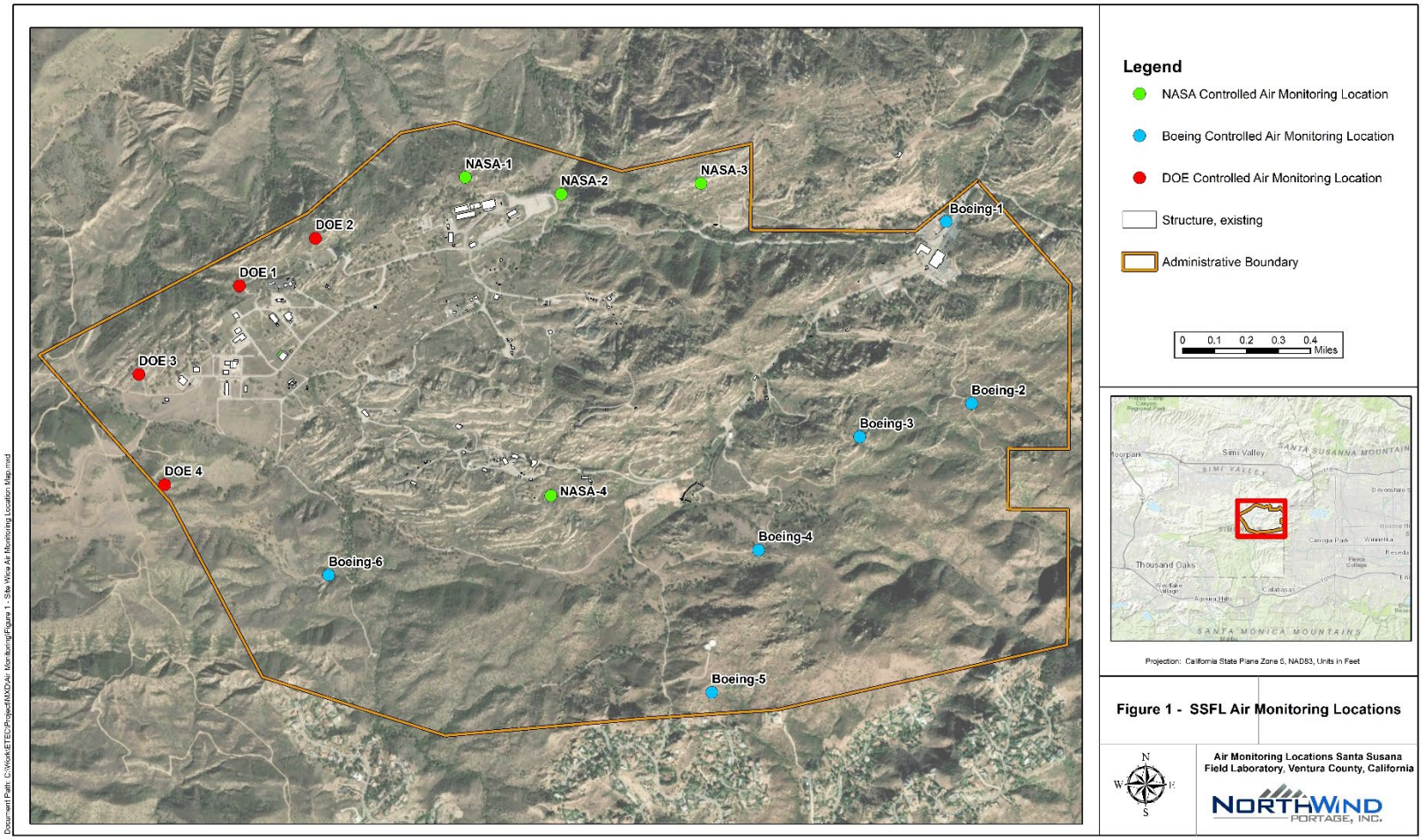


Figure 2 – DOE Air Monitoring Locations

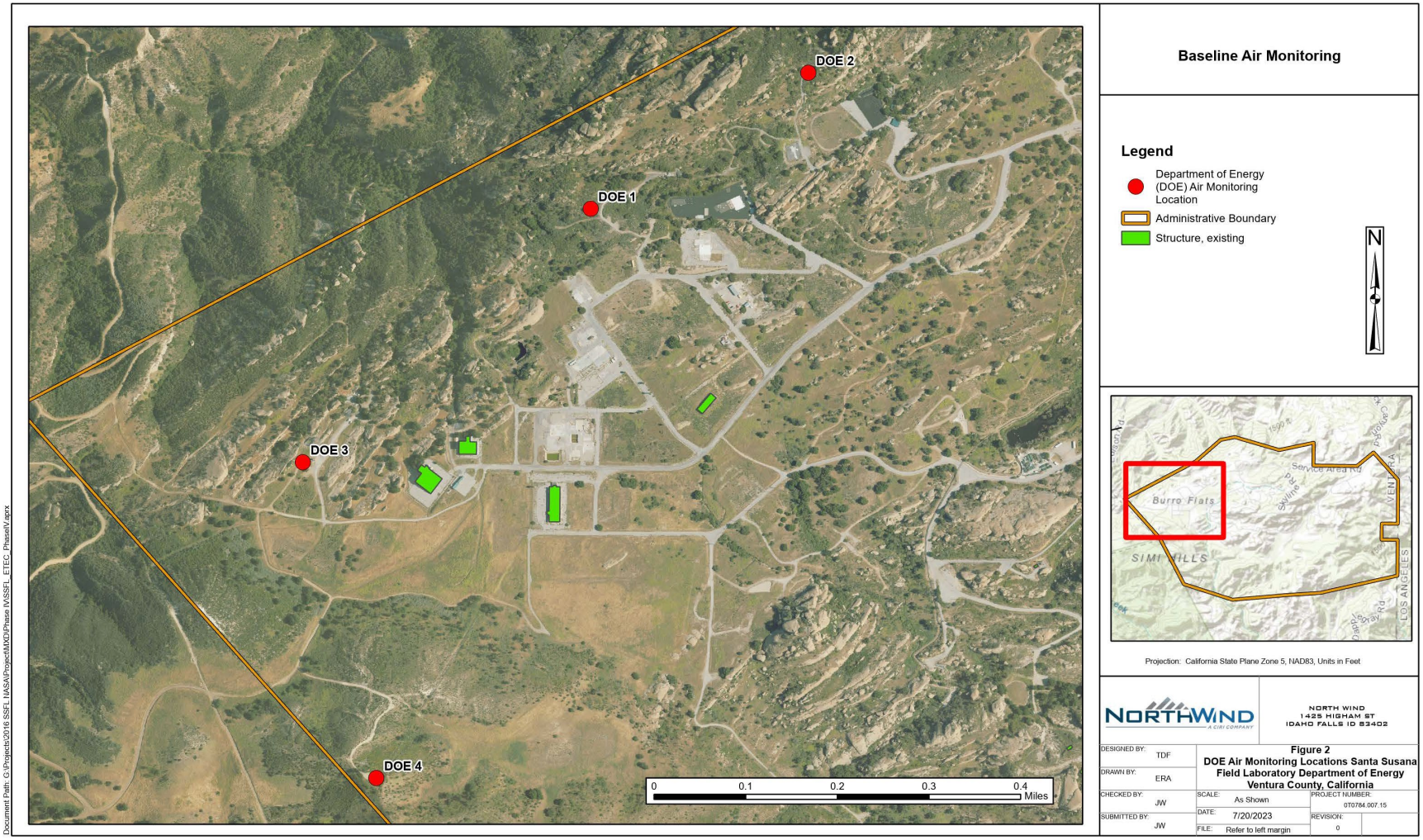
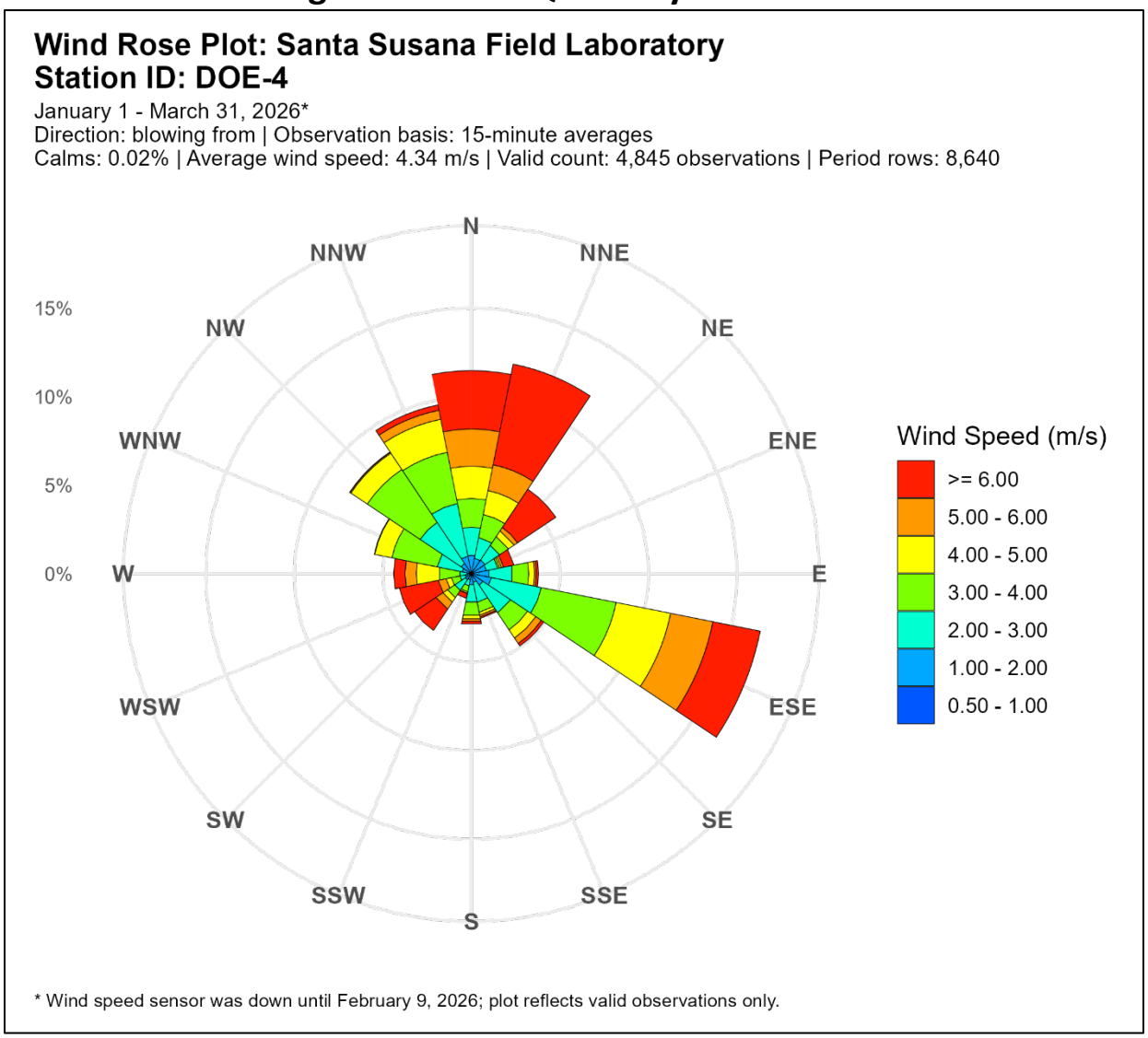


Figure 3 – DOE Quarterly Wind Rose



APPENDIX A
PM_{10} Daily Averages and Monthly Statistics

PM_{10} Daily Averages

Sample Date	DOE-1	DOE-2	DOE-3	DOE-4
	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)
01/01/2026	9.508	1.583	16.291	—
01/02/2026	5.562	2.083	4.791	—
01/03/2026	3.316	0.291	7.166	—
01/04/2026	2.716	0.291	6.291	—
01/05/2026	6.187	1.208	2.708	-0.727
01/06/2026	7.008	2.500	12.875	7.375
01/07/2026	4.912	2.250	5.125	4.125
01/08/2026	5.575	3.500	2.750	3.375
01/09/2026	6.233	3.458	3.583	4.083
01/10/2026	5.412	2.875	2.250	2.833
01/11/2026	3.387	0.958	1.041	1.041
01/12/2026	2.308	1.250	0.916	1.000
01/13/2026	2.529	1.500	0.333	0.416
01/14/2026	1.916	0.791	0.750	1.250
01/15/2026	3.225	0.916	1.000	0.541
01/16/2026	3.554	1.250	1.041	0.958
01/17/2026	2.612	1.416	1.291	0.833
01/18/2026	3.320	1.125	1.708	1.708
01/19/2026	7.666	1.166	1.416	1.083
01/20/2026	4.129	1.750	1.458	1.291
01/21/2026	27.866	13.208	13.500	16.166
01/22/2026	22.841	17.541	20.625	25.583
01/23/2026	18.762	11.708	15.041	15.791
01/24/2026	13.637	8.750	15.750	10.958
01/25/2026	9.504	6.458	5.916	8.125
01/26/2026	6.608	4.458	6.375	5.375
01/27/2026	5.229	4.291	4.333	3.708
01/28/2026	4.720	3.375	26.833	2.666
01/29/2026	6.862	5.916	58.166	5.166
01/30/2026	4.875	2.333	19.208	2.875
01/31/2026	5.283	3.166	18.958	2.750
02/01/2026	8.016	6.541	47.875	6.500
02/02/2026	15.958	12.500	67.666	12.750
02/03/2026	11.779	9.916	94.416	11.000
02/04/2026	9.079	8.666	96.285	6.708
02/05/2026	9.750	6.541	17.272	5.958

Sample Date	DOE-1	DOE-2	DOE-3	DOE-4
	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)
02/06/2026	21.208	11.375	175.100	12.333
02/07/2026	8.129	6.416	94.062	6.375
02/08/2026	7.208	5.583	—	4.541
02/09/2026	14.962	9.625	114.000	10.125
02/10/2026	24.225	13.416	17.000	15.416
02/11/2026	23.912	4.083	9.958	6.291
02/12/2026	12.741	6.416	15.250	8.750
02/13/2026	8.045	3.875	3.833	3.130
02/14/2026	23.529	7.250	16.000	18.250
02/15/2026	11.929	5.291	10.083	7.666
02/16/2026	2.500	1.750	2.166	2.291
02/17/2026	9.687	1.500	4.875	1.458
02/18/2026	5.779	2.000	6.750	3.041
02/19/2026	9.037	3.583	5.833	6.083
02/20/2026	5.170	2.166	4.083	2.333
02/21/2026	3.187	1.583	1.708	1.250
02/22/2026	2.637	1.583	0.708	0.833
02/23/2026	4.012	2.041	3.583	2.000
02/24/2026	6.529	4.041	3.666	2.791
02/25/2026	17.604	16.583	13.708	11.625
02/26/2026	4.545	2.500	1.625	1.583
02/27/2026	6.017	2.250	1.916	1.458
02/28/2026	7.966	5.375	5.583	4.666
03/01/2026	10.908	7.750	7.333	5.250
03/02/2026	12.187	11.041	15.125	11.958
03/03/2026	16.237	18.600	12.125	7.375
03/04/2026	15.362	16.225	16.625	13.875
03/05/2026	8.000	12.075	5.208	5.458
03/06/2026	5.112	7.479	3.708	3.583
03/07/2026	11.845	15.550	9.166	9.041
03/08/2026	3.679	4.470	2.625	2.375
03/09/2026	22.045	13.050	19.250	13.041
03/10/2026	17.408	9.120	17.166	12.625
03/11/2026	11.466	11.725	10.333	10.083
03/12/2026	7.604	7.979	7.958	5.791
03/13/2026	8.279	7.887	9.750	4.958
03/14/2026	12.650	11.508	9.791	9.625
03/15/2026	10.783	10.262	8.125	6.291

Sample Date	DOE-1	DOE-2	DOE-3	DOE-4
	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)	PM_{10} (µg/m³) (CAAQS 50 µg/m³)
03/16/2026	7.775	7.866	5.625	4.708
03/17/2026	6.854	6.045	5.375	4.708
03/18/2026	12.000	8.579	7.291	5.791
03/19/2026	12.745	10.925	10.291	9.500
03/20/2026	14.412	13.458	11.500	11.625
03/21/2026	13.625	9.712	9.250	9.583
03/22/2026	16.241	14.404	15.625	13.375
03/23/2026	21.479	18.445	16.375	17.916
03/24/2026	43.095	24.262	26.875	27.375
03/25/2026	34.533	26.295	19.083	17.208
03/26/2026	18.266	17.375	15.291	15.583
03/27/2026	33.795	21.178	19.000	20.250
03/28/2026	15.004	16.320	12.125	12.166
03/29/2026	11.866	11.483	9.375	9.458
03/30/2026	20.504	16.558	15.250	13.666
03/31/2026	15.312	34.862	19.208	20.791

Notes:

"—" indicates a filter sensor pressure failure with no value.

Negative values mean the background exceeded the particulate count.

CAAQS = California Ambient Air Quality Standards

NAAQS = National Ambient Air Quality Standards

µg/m3 = microgram per cubic meter

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

Orange-shaded boxes with bold numbers indicate value exceeded the NAAQS.

Purple-shaded date range indicates values listed for DOE-3 during this range are of low confidence and are not included in other PM10 tables. See text for further discussion.

EPA – Simi Valley – Cochran Street – PM_{10} Daily Averages, 01/01/2025–01/31/2026

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/m³) (CAAQS 50 µg/m³)
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/m³) (CAAQS 50 µg/m³)
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/m³) (CAAQS 50 µg/m³)
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/m³) (CAAQS 50 µg/m³)
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
1/1/2026	5

Simi Valley PM10 Sample Date	Simi Valley AQS # 061112002
	PM_{10} (µg/m^3) (CAAQS 50 µg/m^3)
1/2/2026	4
1/3/2026	3
1/4/2026	6
1/5/2026	7
1/6/2026	7
1/7/2026	6
1/8/2026	9
1/9/2026	8
1/10/2026	7
1/11/2026	5
1/12/2026	3
1/17/2026	6
1/18/2026	10
1/19/2026	9
1/20/2026	11
1/21/2026	21
1/22/2026	23
1/23/2026	20
1/24/2026	16
1/25/2026	17
1/26/2026	15
1/27/2026	16
1/28/2026	13
1/29/2026	17
1/30/2026	8
1/31/2026	10

Notes:

Data supplied from https://www.epa.gov/outdoor-air-quality-data/download-daily-data (2025-2026) Only the Simi Valley PM_{10} 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 PM_{10} 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/m^3.

PM_{10} Monthly Statistics

Location ID	January 2026			February 2026			March 2026		
	PM_{10}			PM_{10}			PM_{10}		
	High	Low	95th PCTL	High	Low	95th PCTL	High	Low	95th PCTL
DOE-1	27.866	1.916	20.802	24.225	2.5	23.778	43.095	3.679	34.164
DOE-2	17.541	0.291	12.458	16.583	1.5	13.095	34.862	4.47	25.279
DOE-3	26.833	0.333	19.108	17	0.708	16.1	26.875	2.625	19.229
DOE-4	25.583	-0.727	16.053	18.25	0.833	14.483	27.375	2.375	20.52

PCTL = percentile

EPA – Simi Valley – Cochran Street – PM_{10} Monthly Statistics, 01/01/2025–01/31/2026

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	High	95th PCTL	High	Low	95th PCTL
Simi Valley AQS # 061112002 (PM_{10})	64.00000	3.00000	34.00000	34.00000	34.00000	28.00000	19.00000	7.00000	18.25000

Location ID	January 2026		
	PM 10		
	High	Low	95th PCTL
Simi Valley AQS # 061112002 (PM10)	23.00000	3.00000	20.70000

Notes:

Data supplied from https://aqs.epa.gov/aqsweb/airdata/download_files.html#Meta (2025-2026). Only the Simi Valley PM_{10} 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 PM_{10} 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

Table B-1. Ambient air VOC detection results compared to Screening Level Values.

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	1/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m³	**0.55 J;**
DOE-1	1/6/2026	1,2,4-trimethylbenzene	—	63	0.10	0.74	µg/m³	**0.29 J;**
DOE-1	1/6/2026	1,2-Dichloroethane	—	0.11	0.083	0.14	µg/m³	**0.099 J;**
DOE-1	1/6/2026	2-butanone	—	5200	0.16	1.4	µg/m³	**0.30 J;**
DOE-1	1/6/2026	2-hexanone	—	31	0.093	1.5	µg/m³	**0.11 J;**
DOE-1	1/6/2026	Acrolein	—	0.021	0.21	1.5	µg/m³	**0.22 J;**
DOE-1	1/6/2026	Benzene	0.097	—	0.11	0.72	µg/m³	**0.43 J;**
DOE-1	1/6/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m³	**0.44 ;**
DOE-1	1/6/2026	Chloroform	—	0.12	0.10	0.15	µg/m³	**0.15 J;**
DOE-1	1/6/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.52 ;**
DOE-1	1/6/2026	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m³	**2.4 ;**
DOE-1	1/6/2026	Ethyl acetate	—	73	0.39	2.7	µg/m³	**140 ;**
DOE-1	1/6/2026	Hexane, n-	—	730	0.16	0.73	µg/m³	**0.17 J;**
DOE-1	1/6/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**0.92 J;**
DOE-1	1/6/2026	Methylene chloride	1	—	0.21	0.65	µg/m³	**0.44 J;**
DOE-1	1/6/2026	Tetrahydrofuran	—	2100	0.094	1.4	µg/m³	**0.13 J;**
DOE-1	1/6/2026	Toluene	440	—	0.092	0.77	µg/m³	**0.50 J;**
DOE-1	1/6/2026	Trichloroethene	—	0.48	0.10	0.15	µg/m³	**0.14 J;**
DOE-1	1/6/2026	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m³	**1.2 ;**
DOE-2	1/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m³	**0.52 J;**
DOE-2	1/6/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**0.27 J;**
DOE-2	1/6/2026	Benzene	0.097	—	0.11	0.76	µg/m³	**0.30 J;**
DOE-2	1/6/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.39 ;**
DOE-2	1/6/2026	Chloromethane	—	94	0.13	0.31	µg/m³	**0.44 ;**
DOE-2	1/6/2026	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m³	**2.5 ;**
DOE-2	1/6/2026	Ethyl acetate	—	73	0.42	2.9	µg/m³	**31 ;**
DOE-2	1/6/2026	Isopropanol	—	210	0.33	3.1	µg/m³	**0.40 J;**
DOE-2	1/6/2026	Methylene chloride	1	—	0.22	0.69	µg/m³	**0.43 J;**
DOE-2	1/6/2026	Toluene	440	—	0.097	0.81	µg/m³	**0.28 J;**
DOE-2	1/6/2026	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m³	**1.2 ;**
DOE-3	1/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m³	**0.50 J;**
DOE-3	1/6/2026	2-butanone	—	5200	0.16	1.4	µg/m³	**0.31 J;**
DOE-3	1/6/2026	Benzene	0.097	—	0.11	0.72	µg/m³	**0.27 J;**
DOE-3	1/6/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m³	**0.39 ;**
DOE-3	1/6/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.49 ;**
DOE-3	1/6/2026	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m³	**2.4 ;**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	1/6/2026	Ethyl acetate	—	73	0.39	2.7	µg/m³	**33 ;**
DOE-3	1/6/2026	Methylene chloride	1	—	0.21	0.65	µg/m³	**0.39 J;**
DOE-3	1/6/2026	Toluene	440	—	0.092	0.77	µg/m³	**0.25 J;**
DOE-3	1/6/2026	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m³	**1.2 ;**
DOE-4	1/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.71	µg/m³	**0.51 J;**
DOE-4	1/6/2026	2-butanone	—	5200	0.17	1.6	µg/m³	**0.28 J;**
DOE-4	1/6/2026	Benzene	0.097	—	0.12	0.79	µg/m³	**0.26 J;**
DOE-4	1/6/2026	Carbon tetrachloride	—	0.47	0.11	0.16	µg/m³	**0.39 ;**
DOE-4	1/6/2026	Chloromethane	—	94	0.13	0.33	µg/m³	**0.56 ;**
DOE-4	1/6/2026	Dichlorodifluoromethane	—	100	0.13	0.78	µg/m³	**2.4 ;**
DOE-4	1/6/2026	Ethyl acetate	—	73	0.43	3.0	µg/m³	**12 ;**
DOE-4	1/6/2026	Methylene chloride	1	—	0.23	0.71	µg/m³	**0.41 J;**
DOE-4	1/6/2026	Toluene	440	—	0.10	0.84	µg/m³	**0.22 J;**
DOE-4	1/6/2026	Trichlorofluoromethane	1300	—	0.13	0.78	µg/m³	**1.2 ;**
DOE-1	1/21/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.10	0.63	µg/m³	**0.52 J; J**
DOE-1	1/21/2026	2-butanone	—	5200	0.15	1.4	µg/m³	**0.51 J; J**
DOE-1	1/21/2026	Benzene	0.097	—	0.11	0.70	µg/m³	**0.68 J; J**
DOE-1	1/21/2026	Carbon disulfide	—	730	0.22	1.4	µg/m³	**0.35 J; J**
DOE-1	1/21/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m³	**0.45 ;**
DOE-1	1/21/2026	Chloromethane	—	94	0.12	0.29	µg/m³	**0.65 ;**
DOE-1	1/21/2026	Dichlorodifluoromethane	—	100	0.12	0.69	µg/m³	**2.8 ;**
DOE-1	1/21/2026	Ethyl acetate	—	73	0.38	2.7	µg/m³	**100 ;**
DOE-1	1/21/2026	Isopropanol	—	210	0.30	2.8	µg/m³	**0.33 J; J**
DOE-1	1/21/2026	Methylene chloride	1	—	0.21	0.63	µg/m³	**0.39 J; J**
DOE-1	1/21/2026	Tetrahydrofuran	—	2100	0.092	1.4	µg/m³	**0.37 J; J**
DOE-1	1/21/2026	Toluene	440	—	0.089	0.75	µg/m³	**0.93 ;**
DOE-1	1/21/2026	Trichlorofluoromethane	1300	—	0.11	0.69	µg/m³	**1.3 ;**
DOE-1	1/21/2026	Vinyl acetate	—	210	1.6	7.2	µg/m³	**1.9 J; J**
DOE-2	1/21/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m³	**0.50 J; J**
DOE-2	1/21/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**0.49 J; J**
DOE-2	1/21/2026	Benzene	0.097	—	0.11	0.76	µg/m³	**0.41 J; J**
DOE-2	1/21/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.44 ; J**
DOE-2	1/21/2026	Chloromethane	—	94	0.13	0.31	µg/m³	**0.61 ; J**
DOE-2	1/21/2026	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m³	**2.6 ; J**
DOE-2	1/21/2026	Ethyl acetate	—	73	0.42	2.9	µg/m³	**41 ; J**
DOE-2	1/21/2026	Methylene chloride	1	—	0.22	0.69	µg/m³	**0.38 J; J**
DOE-2	1/21/2026	Toluene	440	—	0.097	0.81	µg/m³	**0.46 J; J**
DOE-2	1/21/2026	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m³	**1.2 ; J**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	1/21/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m³	**0.46 J; J**
DOE-3	1/21/2026	2-butanone	—	5200	0.16	1.4	µg/m³	**0.75 J; J**
DOE-3	1/21/2026	2-hexanone	—	31	0.093	1.5	µg/m³	**0.11 J; J**
DOE-3	1/21/2026	Acrolein	—	0.021	0.21	1.5	µg/m³	**0.36 J; J**
DOE-3	1/21/2026	Benzene	0.097	—	0.11	0.72	µg/m³	**0.23 J; J**
DOE-3	1/21/2026	Carbon disulfide	—	730	0.23	1.5	µg/m³	**0.32 J; J**
DOE-3	1/21/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m³	**0.45 ;**
DOE-3	1/21/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.62 ;**
DOE-3	1/21/2026	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m³	**2.6 ;**
DOE-3	1/21/2026	Ethyl acetate	—	73	0.39	2.7	µg/m³	**5.9 ;**
DOE-3	1/21/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**0.37 J; J**
DOE-3	1/21/2026	Methylene chloride	1	—	0.21	0.65	µg/m³	**0.38 J; J**
DOE-3	1/21/2026	Toluene	440	—	0.092	0.77	µg/m³	**0.27 J; J**
DOE-3	1/21/2026	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m³	**1.2 ;**
DOE-4	1/21/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m³	**0.50 J; J**
DOE-4	1/21/2026	2-butanone	—	5200	0.17	1.5	µg/m³	**0.52 J; J**
DOE-4	1/21/2026	Benzene	0.097	—	0.12	0.77	µg/m³	**0.45 J; J**
DOE-4	1/21/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.44 ;**
DOE-4	1/21/2026	Chloromethane	—	94	0.13	0.32	µg/m³	**0.65 ;**
DOE-4	1/21/2026	Dichlorodifluoromethane	—	100	0.13	0.76	µg/m³	**2.8 ;**
DOE-4	1/21/2026	Ethyl acetate	—	73	0.42	2.9	µg/m³	**50 ;**
DOE-4	1/21/2026	Methylene chloride	1	—	0.23	0.69	µg/m³	**0.37 J; J**
DOE-4	1/21/2026	Toluene	440	—	0.098	0.82	µg/m³	**0.56 J; J**
DOE-4	1/21/2026	Trichlorofluoromethane	1300	—	0.12	0.76	µg/m³	**1.3 ;**
DOE-1	2/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.66	µg/m³	**0.54 J;**
DOE-1	2/6/2026	1,2,4-trichlorobenzene	0.38	—	0.19	1.6	µg/m³	**0.44 J;**
DOE-1	2/6/2026	1,2,4-trimethylbenzene	—	63	0.11	0.75	µg/m³	**0.20 J;**
DOE-1	2/6/2026	1,4-dichlorobenzene	—	0.26	0.12	0.75	µg/m³	**0.15 J;**
DOE-1	2/6/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**28 ;**
DOE-1	2/6/2026	2-hexanone	—	31	0.094	1.5	µg/m³	**0.89 J;**
DOE-1	2/6/2026	4-methyl-2-pentanone	—	3100	0.10	1.5	µg/m³	**1.6 ;**
DOE-1	2/6/2026	Acrolein	—	0.021	0.21	1.6	µg/m³	**0.52 J;**
DOE-1	2/6/2026	Acrylonitrile	—	0.041	0.16	1.5	µg/m³	**0.24 J;**
DOE-1	2/6/2026	Benzene	0.097	—	0.11	0.73	µg/m³	**0.85 ;**
DOE-1	2/6/2026	Butylbenzene, n-	210	—	0.11	0.74	µg/m³	**0.11 J;**
DOE-1	2/6/2026	Carbon disulfide	—	730	0.23	1.5	µg/m³	**1.6 ;**
DOE-1	2/6/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.37 ;**
DOE-1	2/6/2026	Chloroform	—	0.12	0.10	0.15	µg/m³	**0.13 J;**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	2/6/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.62 ;**
DOE-1	2/6/2026	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m³	**2.8 ;**
DOE-1	2/6/2026	Ethyl acetate	—	73	0.40	2.8	µg/m³	**7.8 ;**
DOE-1	2/6/2026	Ethylbenzene	—	1.1	0.11	0.79	µg/m³	**0.15 J;**
DOE-1	2/6/2026	Hexane, n-	—	730	0.16	0.74	µg/m³	**0.33 J;**
DOE-1	2/6/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**3.3 ;**
DOE-1	2/6/2026	Isopropylbenzene	—	420	0.11	0.75	µg/m³	**0.67 J;**
DOE-1	2/6/2026	Methylene chloride	1	—	0.21	0.66	µg/m³	**0.53 J;**
DOE-1	2/6/2026	m-xylene & p-xylene	—	100	0.20	1.5	µg/m³	**0.39 J;**
DOE-1	2/6/2026	Naphthalene	—	0.083	0.19	0.78	µg/m³	**0.38 J;**
DOE-1	2/6/2026	N-heptane	—	420	0.12	0.74	µg/m³	**0.15 J;**
DOE-1	2/6/2026	o-Xylene (1,2-dimethyl-benzene)	—	100	0.11	0.77	µg/m³	**0.16 J;**
DOE-1	2/6/2026	Tetrahydrofuran	—	2100	0.096	1.4	µg/m³	**1.9 ;**
DOE-1	2/6/2026	Toluene	440	—	0.093	0.78	µg/m³	**0.97 ;**
DOE-1	2/6/2026	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m³	**1.4 ;**
DOE-1	2/6/2026	Vinyl acetate	—	210	1.7	7.6	µg/m³	**3.3 J;**
DOE-1	2/6/2026	Xylenes, total	—	100	0.20	1.5	µg/m³	**0.55 J;**
DOE-2	2/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m³	**0.52 J;**
DOE-2	2/6/2026	1,2,4-trimethylbenzene	—	63	0.11	0.79	µg/m³	**0.18 J;**
DOE-2	2/6/2026	2-butanone	—	5200	0.17	1.5	µg/m³	**0.87 J;**
DOE-2	2/6/2026	2-hexanone	—	31	0.10	1.6	µg/m³	**0.13 J;**
DOE-2	2/6/2026	Acrolein	—	0.021	0.23	1.6	µg/m³	**0.28 J;**
DOE-2	2/6/2026	Benzene	0.097	—	0.12	0.77	µg/m³	**0.46 J;**
DOE-2	2/6/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.49 ;**
DOE-2	2/6/2026	Chloroform	—	0.12	0.11	0.16	µg/m³	**0.12 J;**
DOE-2	2/6/2026	Chloromethane	—	94	0.13	0.32	µg/m³	**0.62 ;**
DOE-2	2/6/2026	Dichlorodifluoromethane	—	100	0.13	0.76	µg/m³	**2.9 ;**
DOE-2	2/6/2026	Ethyl acetate	—	73	0.42	2.9	µg/m³	**56 ;**
DOE-2	2/6/2026	Hexane, n-	—	730	0.17	0.79	µg/m³	**0.29 J;**
DOE-2	2/6/2026	Isopropanol	—	210	0.33	3.1	µg/m³	**1.1 J;**
DOE-2	2/6/2026	Methylene chloride	1	—	0.23	0.69	µg/m³	**0.54 J;**
DOE-2	2/6/2026	m-xylene & p-xylene	—	100	0.21	1.6	µg/m³	**0.25 J;**
DOE-2	2/6/2026	N-heptane	—	420	0.13	0.79	µg/m³	**0.13 J;**
DOE-2	2/6/2026	Tetrahydrofuran	—	2100	0.10	1.5	µg/m³	**0.11 J;**
DOE-2	2/6/2026	Toluene	440	—	0.098	0.82	µg/m³	**0.71 J;**
DOE-2	2/6/2026	Trichlorofluoromethane	1300	—	0.12	0.76	µg/m³	**1.4 ;**
DOE-2	2/6/2026	Xylenes, total	—	100	0.21	1.6	µg/m³	**0.36 J;**
DOE-4	2/6/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.70	µg/m³	**0.50 J;**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	2/6/2026	1,2,4-trimethylbenzene	—	63	0.11	0.80	µg/m³	**0.12 J;**
DOE-4	2/6/2026	2-butanone	—	5200	0.17	1.6	µg/m³	**0.71 J;**
DOE-4	2/6/2026	Benzene	0.097	—	0.12	0.78	µg/m³	**0.41 J;**
DOE-4	2/6/2026	Carbon disulfide	—	730	0.24	1.6	µg/m³	**0.30 J;**
DOE-4	2/6/2026	Carbon tetrachloride	—	0.47	0.11	0.16	µg/m³	**0.48 ;**
DOE-4	2/6/2026	Chloroform	—	0.12	0.11	0.16	µg/m³	**0.11 J;**
DOE-4	2/6/2026	Chloromethane	—	94	0.13	0.32	µg/m³	**0.62 ;**
DOE-4	2/6/2026	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m³	**2.9 ;**
DOE-4	2/6/2026	Ethyl acetate	—	73	0.43	3.0	µg/m³	**11 ;**
DOE-4	2/6/2026	Hexane, n-	—	730	0.17	0.79	µg/m³	**0.31 J;**
DOE-4	2/6/2026	Isopropanol	—	210	0.33	3.1	µg/m³	**0.87 J;**
DOE-4	2/6/2026	Methylene chloride	1	—	0.23	0.70	µg/m³	**0.52 J;**
DOE-4	2/6/2026	m-xylene & p-xylene	—	100	0.21	1.6	µg/m³	**0.26 J;**
DOE-4	2/6/2026	N-heptane	—	420	0.13	0.79	µg/m³	**0.15 J;**
DOE-4	2/6/2026	o-Xylene (1,2-dimethyl-benzene)	—	100	0.12	0.82	µg/m³	**0.12 J;**
DOE-4	2/6/2026	Toluene	440	—	0.099	0.83	µg/m³	**0.59 J;**
DOE-4	2/6/2026	Trichlorofluoromethane	1300	—	0.12	0.77	µg/m³	**1.4 ;**
DOE-4	2/6/2026	Xylenes, total	—	100	0.21	1.6	µg/m³	**0.37 J;**
DOE-1	2/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.69	µg/m³	**0.49 J;**
DOE-1	2/19/2026	1,2-Dichloroethane	—	0.11	0.089	0.15	µg/m³	**0.093 J;**
DOE-1	2/19/2026	2-butanone	—	5200	0.17	1.5	µg/m³	**1.2 J;**
DOE-1	2/19/2026	2-hexanone	—	31	0.099	1.6	µg/m³	**0.17 J;**
DOE-1	2/19/2026	Acrolein	—	0.021	0.23	1.6	µg/m³	**1.3 J;**
DOE-1	2/19/2026	Benzene	0.097	—	0.12	0.77	µg/m³	**0.48 J;**
DOE-1	2/19/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.40 ;**
DOE-1	2/19/2026	Chloromethane	—	94	0.13	0.32	µg/m³	**0.77 ;**
DOE-1	2/19/2026	Dichlorodifluoromethane	—	100	0.13	0.76	µg/m³	**3.2 ;**
DOE-1	2/19/2026	Ethyl acetate	—	73	0.42	2.9	µg/m³	**71 ;**
DOE-1	2/19/2026	Isopropanol	—	210	0.33	3.1	µg/m³	**2.5 J;**
DOE-1	2/19/2026	Methylene chloride	1	—	0.23	0.69	µg/m³	**0.53 J;**
DOE-1	2/19/2026	m-xylene & p-xylene	—	100	0.21	1.6	µg/m³	**0.23 J;**
DOE-1	2/19/2026	Styrene	940	—	0.13	0.80	µg/m³	**0.30 J;**
DOE-1	2/19/2026	Tetrahydrofuran	—	2100	0.10	1.5	µg/m³	**0.60 J;**
DOE-1	2/19/2026	Toluene	440	—	0.098	0.82	µg/m³	**0.73 J;**
DOE-1	2/19/2026	Trichlorofluoromethane	1300	—	0.12	0.76	µg/m³	**1.2 ;**
DOE-1	2/19/2026	Vinyl acetate	—	210	1.8	7.9	µg/m³	**4.4 J;**
DOE-1	2/19/2026	Xylenes, total	—	100	0.21	1.6	µg/m³	**0.23 J;**
DOE-3	2/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m³	**0.49 J;**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	2/19/2026	1,2-Dichloroethane	—	0.11	0.087	0.15	µg/m³	**0.088 J;**
DOE-3	2/19/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**0.42 J;**
DOE-3	2/19/2026	Benzene	0.097	—	0.11	0.75	µg/m³	**0.42 J;**
DOE-3	2/19/2026	Carbon disulfide	—	730	0.24	1.5	µg/m³	**0.67 J;**
DOE-3	2/19/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.43 ;**
DOE-3	2/19/2026	Chloromethane	—	94	0.13	0.31	µg/m³	**0.83 ;**
DOE-3	2/19/2026	Dichlorodifluoromethane	—	100	0.13	0.74	µg/m³	**3.3 ;**
DOE-3	2/19/2026	Ethyl acetate	—	73	0.41	2.9	µg/m³	**22 ;**
DOE-3	2/19/2026	Isopropanol	—	210	0.32	3.0	µg/m³	**7.2 ;**
DOE-3	2/19/2026	Methylene chloride	1	—	0.22	0.68	µg/m³	**0.51 J;**
DOE-3	2/19/2026	Toluene	440	—	0.096	0.80	µg/m³	**0.26 J;**
DOE-3	2/19/2026	Trichlorofluoromethane	1300	—	0.12	0.74	µg/m³	**1.3 ;**
DOE-4	2/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.70	µg/m³	**0.48 J;**
DOE-4	2/19/2026	2-butanone	—	5200	0.17	1.6	µg/m³	**0.31 J;**
DOE-4	2/19/2026	Benzene	0.097	—	0.12	0.78	µg/m³	**0.37 J;**
DOE-4	2/19/2026	Carbon disulfide	—	730	0.24	1.6	µg/m³	**0.25 J;**
DOE-4	2/19/2026	Carbon tetrachloride	—	0.47	0.11	0.16	µg/m³	**0.41 ;**
DOE-4	2/19/2026	Chloromethane	—	94	0.13	0.32	µg/m³	**0.85 ;**
DOE-4	2/19/2026	Dichlorodifluoromethane	—	100	0.13	0.77	µg/m³	**3.4 ;**
DOE-4	2/19/2026	Ethyl acetate	—	73	0.43	3.0	µg/m³	**8.9 ;**
DOE-4	2/19/2026	Isopropanol	—	210	0.33	3.1	µg/m³	**0.37 J;**
DOE-4	2/19/2026	Methylene chloride	1	—	0.23	0.70	µg/m³	**0.43 J;**
DOE-4	2/19/2026	Toluene	440	—	0.099	0.83	µg/m³	**0.19 J;**
DOE-4	2/19/2026	Trichloroethene	—	0.48	0.11	0.16	µg/m³	**0.14 J;**
DOE-4	2/19/2026	Trichlorofluoromethane	1300		0.12	0.77	µg/m³	**1.3 ;**
DOE-1	3/3/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.64	µg/m³	**0.49 J; J**
DOE-1	3/3/2026	1,2,4-trimethylbenzene	—	63	0.10	0.74	µg/m³	**0.14 J; J**
DOE-1	3/3/2026	2-butanone	—	5200	0.15	1.4	µg/m³	**0.71 J; J**
DOE-1	3/3/2026	Acrolein	—	0.021	0.21	1.5	µg/m³	**0.75 J; J**
DOE-1	3/3/2026	Benzene	0.097	—	0.11	0.71	µg/m³	**0.41 J; J**
DOE-1	3/3/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m³	**0.40 ;**
DOE-1	3/3/2026	Chloromethane	—	94	0.12	0.29	µg/m³	**0.50 ;**
DOE-1	3/3/2026	Dichlorodifluoromethane	—	100	0.12	0.71	µg/m³	**2.8 ;**
DOE-1	3/3/2026	Ethyl acetate	—	73	0.39	2.7	µg/m³	**18 ;**
DOE-1	3/3/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**0.67 J; J**
DOE-1	3/3/2026	Methylene chloride	1	—	0.21	0.64	µg/m³	**0.35 J; J**
DOE-1	3/3/2026	m-xylene & p-xylene	—	100	0.20	1.5	µg/m³	**0.24 J; J**
DOE-1	3/3/2026	Toluene	440	—	0.091	0.76	µg/m³	**0.62 J; J**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-1	3/3/2026	Trichlorofluoromethane	1300	—	0.11	0.71	µg/m³	**1.1 ;**
DOE-1	3/3/2026	Xylenes, total	—	100	0.20	1.5	µg/m³	**0.24 J; J**
DOE-2	3/3/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.66	µg/m³	**0.49 J; J**
DOE-2	3/3/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**0.67 J; J**
DOE-2	3/3/2026	Acrolein	—	0.021	0.21	1.6	µg/m³	**0.32 J; J**
DOE-2	3/3/2026	Benzene	0.097	—	0.11	0.73	µg/m³	**0.39 J; J**
DOE-2	3/3/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.43 ;**
DOE-2	3/3/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.49 ;**
DOE-2	3/3/2026	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m³	**2.9 ;**
DOE-2	3/3/2026	Ethyl acetate	—	73	0.40	2.8	µg/m³	**19 ;**
DOE-2	3/3/2026	Hexane, n-	—	730	0.16	0.74	µg/m³	**0.20 J; J**
DOE-2	3/3/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**1.5 J; J**
DOE-2	3/3/2026	Methylene chloride	1	—	0.21	0.66	µg/m³	**0.39 J; J**
DOE-2	3/3/2026	Toluene	440	—	0.093	0.78	µg/m³	**0.70 J; J**
DOE-2	3/3/2026	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m³	**1.1 ;**
DOE-3	3/3/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.66	µg/m³	**0.49 J; J**
DOE-3	3/3/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**0.45 J; J**
DOE-3	3/3/2026	Acrolein	—	0.021	0.21	1.6	µg/m³	**0.28 J; J**
DOE-3	3/3/2026	Benzene	0.097	—	0.11	0.73	µg/m³	**0.26 J; J**
DOE-3	3/3/2026	Carbon disulfide	—	730	0.23	1.5	µg/m³	**0.37 J; J**
DOE-3	3/3/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.41 ;**
DOE-3	3/3/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.50 ;**
DOE-3	3/3/2026	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m³	**2.9 ;**
DOE-3	3/3/2026	Ethyl acetate	—	73	0.40	2.8	µg/m³	**7.1 ;**
DOE-3	3/3/2026	Hexane, n-	—	730	0.16	0.74	µg/m³	**0.17 J; J**
DOE-3	3/3/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**0.70 J; J**
DOE-3	3/3/2026	Methylene chloride	1	—	0.21	0.66	µg/m³	**0.42 J; J**
DOE-3	3/3/2026	Toluene	440	—	0.093	0.78	µg/m³	**0.35 J; J**
DOE-3	3/3/2026	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m³	**1.2 ;**
DOE-4	3/3/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.65	µg/m³	**0.49 J; J**
DOE-4	3/3/2026	1,2,4-trimethylbenzene	—	63	0.11	0.75	µg/m³	**0.17 J; J**
DOE-4	3/3/2026	2-butanone	—	5200	0.16	1.4	µg/m³	**0.59 J; J**
DOE-4	3/3/2026	Acrolein	—	0.021	0.21	1.5	µg/m³	**0.28 J; J**
DOE-4	3/3/2026	Benzene	0.097	—	0.11	0.72	µg/m³	**0.25 J; J**
DOE-4	3/3/2026	Carbon tetrachloride	—	0.47	0.11	0.14	µg/m³	**0.41 ;**
DOE-4	3/3/2026	Chloromethane	—	94	0.12	0.30	µg/m³	**0.62 ;**
DOE-4	3/3/2026	Dichlorodifluoromethane	—	100	0.12	0.72	µg/m³	**2.9 ;**
DOE-4	3/3/2026	Ethyl acetate	—	73	0.40	2.8	µg/m³	**2.1 J; J**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-4	3/3/2026	Hexane, n-	—	730	0.16	0.74	µg/m³	**0.19 J; J**
DOE-4	3/3/2026	Isopropanol	—	210	0.31	2.9	µg/m³	**0.95 J; J**
DOE-4	3/3/2026	Methylene chloride	1	—	0.21	0.65	µg/m³	**0.41 J; J**
DOE-4	3/3/2026	Toluene	440	—	0.092	0.77	µg/m³	**0.34 J; J**
DOE-4	3/3/2026	Trichlorofluoromethane	1300	—	0.12	0.72	µg/m³	**1.2 ;**
DOE-1	3/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.11	0.68	µg/m³	**0.49 J;**
DOE-1	3/19/2026	2-butanone	—	5200	0.16	1.5	µg/m³	**0.69 J;**
DOE-1	3/19/2026	Acrolein	—	0.021	0.22	1.6	µg/m³	**0.23 J;**
DOE-1	3/19/2026	Benzene	0.097	—	0.11	0.75	µg/m³	**0.78 ;**
DOE-1	3/19/2026	Carbon disulfide	—	730	0.24	1.5	µg/m³	**0.39 J;**
DOE-1	3/19/2026	Carbon tetrachloride	—	0.47	0.11	0.15	µg/m³	**0.42 ;**
DOE-1	3/19/2026	Chloromethane	—	94	0.13	0.31	µg/m³	**0.48 ;**
DOE-1	3/19/2026	Dichlorodifluoromethane	—	100	0.13	0.75	µg/m³	**3.2 ;**
DOE-1	3/19/2026	Ethyl acetate	—	73	0.41	2.9	µg/m³	**58 ;**
DOE-1	3/19/2026	Isopropanol	—	210	0.33	3.0	µg/m³	**0.59 J;**
DOE-1	3/19/2026	Methylene chloride	1	—	0.22	0.68	µg/m³	**0.30 J;**
DOE-1	3/19/2026	Tetrahydrofuran	—	2100	0.099	1.5	µg/m³	**0.48 J;**
DOE-1	3/19/2026	Toluene	440	—	0.096	0.81	µg/m³	**0.50 J;**
DOE-1	3/19/2026	Trichloroethene	—	0.48	0.11	0.16	µg/m³	**0.35 ;**
DOE-1	3/19/2026	Trichlorofluoromethane	1300	—	0.12	0.75	µg/m³	**1.2 ;**
DOE-1	3/19/2026	Vinyl acetate	—	210	1.8	7.8	µg/m³	**2.1 J;**
DOE-2	3/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.12	0.72	µg/m³	**0.50 J;**
DOE-2	3/19/2026	2-butanone	—	5200	0.17	1.6	µg/m³	**0.74 J;**
DOE-2	3/19/2026	Acrolein	—	0.021	0.24	1.7	µg/m³	**0.33 J;**
DOE-2	3/19/2026	Benzene	0.097	—	0.12	0.80	µg/m³	**0.32 J;**
DOE-2	3/19/2026	Carbon tetrachloride	—	0.47	0.12	0.16	µg/m³	**0.44 ;**
DOE-2	3/19/2026	Chloromethane	—	94	0.14	0.33	µg/m³	**0.52 ;**
DOE-2	3/19/2026	Dichlorodifluoromethane	—	100	0.14	0.79	µg/m³	**3.2 ;**
DOE-2	3/19/2026	Ethyl acetate	—	73	0.44	3.1	µg/m³	**86 ;**
DOE-2	3/19/2026	Isopropanol	—	210	0.35	3.2	µg/m³	**1.5 J;**
DOE-2	3/19/2026	Methylene chloride	1	—	0.24	0.72	µg/m³	**0.32 J;**
DOE-2	3/19/2026	Toluene	440	—	0.10	0.86	µg/m³	**0.40 J;**
DOE-2	3/19/2026	Trichloroethene	—	0.48	0.11	0.16	µg/m³	**0.17 ;**
DOE-2	3/19/2026	Trichlorofluoromethane	1300	—	0.13	0.79	µg/m³	**1.2 ;**
DOE-3	3/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.10	0.62	µg/m³	**0.51 J;**
DOE-3	3/19/2026	2-butanone	—	5200	0.15	1.4	µg/m³	**0.76 J;**
DOE-3	3/19/2026	Acrolein	—	0.021	0.20	1.5	µg/m³	**0.26 J;**
DOE-3	3/19/2026	Benzene	0.097	—	0.10	0.69	µg/m³	**0.27 J;**

ID	Sample Date	Analyte	DTSC HHRA NOTE 3	US EPA RSL	MDL	MRL	Unit	Result
DOE-3	3/19/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m^3	**0.43 ;**
DOE-3	3/19/2026	Chloromethane	—	94	0.12	0.28	µg/m^3	**0.51 ;**
DOE-3	3/19/2026	Dichlorodifluoromethane	—	100	0.12	0.68	µg/m^3	**3.2 ;**
DOE-3	3/19/2026	Ethyl acetate	—	73	0.38	2.6	µg/m^3	**28 ;**
DOE-3	3/19/2026	Isopropanol	—	210	0.30	2.8	µg/m^3	**1.1 J;**
DOE-3	3/19/2026	Methylene chloride	1	—	0.20	0.62	µg/m^3	**0.29 J;**
DOE-3	3/19/2026	Toluene	440	—	0.088	0.74	µg/m^3	**0.36 J;**
DOE-3	3/19/2026	Trichlorofluoromethane	1300	—	0.11	0.68	µg/m^3	**1.2 ;**
DOE-4	3/19/2026	1,1,2-trichloro-1,2,2-trifluoroethane	—	5200	0.10	0.63	µg/m^3	**0.47 J;**
DOE-4	3/19/2026	1,4-Dioxane	—	0.56	0.087	0.73	µg/m^3	**0.088 J;**
DOE-4	3/19/2026	2-butanone	—	5200	0.15	1.4	µg/m^3	**0.87 J;**
DOE-4	3/19/2026	Acrolein	—	0.021	0.21	1.5	µg/m^3	**0.24 J;**
DOE-4	3/19/2026	Benzene	0.097	—	0.11	0.70	µg/m^3	**0.41 J;**
DOE-4	3/19/2026	Carbon disulfide	—	730	0.22	1.4	µg/m^3	**0.48 J;**
DOE-4	3/19/2026	Carbon tetrachloride	—	0.47	0.10	0.14	µg/m^3	**0.42 ;**
DOE-4	3/19/2026	Chloromethane	—	94	0.12	0.29	µg/m^3	**0.45 ;**
DOE-4	3/19/2026	Dichlorodifluoromethane	—	100	0.12	0.70	µg/m^3	**3.1 ;**
DOE-4	3/19/2026	Ethyl acetate	—	73	0.39	2.7	µg/m^3	**63 ;**
DOE-4	3/19/2026	Isopropanol	—	210	0.30	2.8	µg/m^3	**1.7 J;**
DOE-4	3/19/2026	Methylene chloride	1	—	0.21	0.63	µg/m^3	**0.32 J;**
DOE-4	3/19/2026	Toluene	440	—	0.090	0.75	µg/m^3	**0.53 J;**
DOE-4	3/19/2026	Trichloroethene	—	0.48	0.099	0.14	µg/m^3	**1.5 ;**
DOE-4	3/19/2026	Trichlorofluoromethane	1300	—	0.11	0.70	µg/m^3	**1.2 ;**
DOE-4	3/19/2026	Vinyl acetate	—	210	1.7	7.3	µg/m^3	**1.9 J;**

Notes:

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

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

Bold text indicates result above MDL.

"—" indicates no value.

MDL = method detection limit

MRL = method reporting limit

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.

µg/m^3 = micrograms per meter cubed

APPENDIX C
Radionuclide Results

Table C-1. Gross alpha and gross beta air sample results for air samplers.

Sample Collection Date / Time	Result Alpha (µCi/mL)	MDC – Alpha (µCi/mL)	Result Beta (µCi/mL)	MDC – Beta (µCi/mL)
Sample location DOE-1				
1/2/26 8:53	1.63E-15	4.43E-15	4.64E-14	2.10E-14
1/5/26 11:25	5.29E-15	5.66E-15	7.15E-15	2.68E-14
1/9/26 10:44	2.64E-15	4.43E-15	1.29E-14	2.10E-14
1/12/26 9:35	8.49E-16	5.96E-15	4.28E-14	2.82E-14
1/16/26 9:05	4.62E-15	4.41E-15	6.13E-14	2.09E-14
1/19/26 9:25	2.81E-15	5.83E-15	7.82E-14	2.76E-14
1/23/26 9:27	2.12E-15	4.39E-15	1.06E-13	2.08E-14
1/26/26 9:27	4.15E-15	5.86E-15	7.68E-14	2.78E-14
1/30/26 8:45	2.13E-15	4.43E-15	4.31E-14	2.10E-14
2/2/26 9:21	2.22E-15	6.19E-15	7.36E-14	2.73E-14
2/6/26 9:10	1.93E-15	4.69E-15	5.66E-14	2.07E-14
2/9/26 8:56	5.65E-15	6.27E-15	9.98E-14	2.77E-14
2/13/26 9:06	-1.01E-16	4.67E-15	3.23E-14	2.07E-14
2/16/26 9:55	-2.14E-15	6.17E-15	5.17E-14	2.73E-14
2/20/26 9:33	-8.67E-16	4.70E-15	3.06E-14	2.08E-14
2/23/26 11:30	1.52E-15	6.08E-15	4.51E-14	2.69E-14
2/27/26 9:01	9.38E-16	4.81E-15	3.26E-14	2.12E-14
3/2/26 8:30	-6.08E-16	6.89E-15	3.25E-14	2.83E-14
3/6/26 8:34	-1.46E-15	5.13E-15	2.88E-15	2.11E-14
3/9/26 9:06	-1.28E-15	6.89E-15	2.34E-14	2.83E-14
3/13/26 9:30	1.05E-15	5.11E-15	5.04E-14	2.10E-14
3/16/26 9:11	4.05E-16	6.88E-15	7.54E-14	2.82E-14
3/20/26 8:20	3.05E-16	5.18E-15	5.27E-14	2.13E-14
3/23/26 9:36	2.37E-15	6.72E-15	7.06E-14	2.76E-14
3/27/26 9:09	-7.08E-16	5.15E-15	5.60E-14	2.12E-14
3/30/26 9:17	3.75E-15	6.83E-15	4.15E-14	2.81E-14

Sample Collection Date / Time	Result Alpha (µCi/mL)	MDC – Alpha (µCi/mL)	Result Beta (µCi/mL)	MDC – Beta (µCi/mL)
Sample location DOE-2				
1/2/26 9:02	1.89E-15	4.43E-15	1.37E-14	2.10E-14
1/5/26 11:16	2.42E-15	5.69E-15	3.18E-14	2.70E-14
1/9/26 10:58	-1.62E-15	4.41E-15	3.44E-14	2.09E-14
1/12/26 9:42	3.21E-15	5.96E-15	3.15E-14	2.82E-14
1/16/26 9:13	4.38E-15	4.42E-15	6.73E-14	2.09E-14
1/19/26 9:34	2.15E-15	5.83E-15	6.75E-14	2.76E-14
1/23/26 9:34	1.87E-15	4.40E-15	9.87E-14	2.08E-14
1/26/26 9:39	3.15E-15	5.86E-15	9.03E-14	2.78E-14
1/30/26 8:53	1.88E-15	4.43E-15	5.32E-14	2.10E-14
2/2/26 9:29	2.22E-15	6.19E-15	4.77E-14	2.74E-14
2/6/26 9:37	6.24E-15	4.68E-15	9.36E-14	2.07E-14
2/9/26 9:06	8.05E-15	6.29E-15	1.21E-13	2.78E-14
2/13/26 9:21	1.93E-15	4.67E-15	5.53E-14	2.06E-14
2/16/26 10:12	1.87E-15	6.17E-15	1.56E-14	2.73E-14
2/20/26 9:41	-1.12E-15	4.71E-15	3.30E-14	2.08E-14
2/23/26 11:38	5.28E-16	6.08E-15	2.75E-14	2.69E-14
2/27/26 9:08	2.24E-15	4.81E-15	4.87E-14	2.12E-14
3/2/26 8:39	-2.97E-15	6.89E-15	2.09E-14	2.83E-14
3/6/26 8:52	1.31E-15	5.12E-15	4.57E-14	2.10E-14
3/9/26 9:14	-2.71E-16	6.91E-15	5.25E-14	2.84E-14
3/13/26 10:12	1.30E-15	5.08E-15	5.01E-14	2.09E-14
3/16/26 9:22	3.12E-15	6.92E-15	4.79E-14	2.84E-14
3/20/26 8:27	5.08E-17	5.18E-15	4.46E-14	2.13E-14
3/23/26 9:44	6.60E-17	6.73E-15	6.60E-14	2.76E-14
3/27/26 9:17	-1.72E-15	5.16E-15	7.61E-14	2.12E-14
3/30/26 9:28	-1.27E-15	6.83E-15	5.41E-14	2.80E-14

Sample Collection Date / Time	Result Alpha (µCi/mL)	MDC – Alpha (µCi/mL)	Result Beta (µCi/mL)	MDC – Beta (µCi/mL)
Sample location DOE-3				
1/2/26 9:10	1.13E-15	4.43E-15	1.43E-14	2.10E-14
1/5/26 11:35	2.41E-15	5.67E-15	1.55E-14	2.69E-14
1/9/26 11:11	-1.20E-16	4.41E-15	3.82E-14	2.09E-14
1/12/26 9:48	5.25E-15	5.98E-15	4.15E-14	2.83E-14
1/16/26 9:21	1.38E-15	4.42E-15	2.98E-14	2.09E-14
1/19/26 9:43	1.72E-16	5.83E-15	6.29E-14	2.76E-14
1/23/26 9:42	2.62E-15	4.40E-15	6.83E-14	2.08E-14
1/26/26 9:46	4.15E-15	5.86E-15	7.92E-14	2.78E-14
1/30/26 9:05	3.89E-15	4.43E-15	5.59E-14	2.10E-14
2/2/26 9:37	7.26E-15	6.20E-15	9.03E-15	2.74E-14
2/6/26 9:46	4.72E-15	4.68E-15	6.38E-14	2.07E-14
2/9/26 9:15	5.67E-15	6.29E-15	1.07E-13	2.78E-14
2/13/26 9:42	6.58E-16	4.66E-15	3.51E-14	2.06E-14
2/16/26 10:41	1.20E-15	6.16E-15	6.00E-14	2.72E-14
2/20/26 9:50	4.10E-16	4.72E-15	2.43E-14	2.09E-14
2/23/26 11:45	1.98E-16	6.08E-15	2.89E-14	2.69E-14
2/27/26 9:16	2.50E-15	4.81E-15	3.18E-14	2.12E-14
3/2/26 8:53	1.08E-15	6.88E-15	4.59E-15	2.83E-14
3/6/26 9:04	-1.46E-15	5.12E-15	6.65E-15	2.10E-14
3/9/26 9:22	-6.10E-16	6.92E-15	4.60E-14	2.84E-14
3/13/26 10:24	7.97E-16	5.08E-15	4.40E-14	2.09E-14
3/16/26 9:32	2.11E-15	6.94E-15	6.33E-14	2.85E-14
3/20/26 8:34	3.05E-16	5.19E-15	3.86E-14	2.13E-14
3/23/26 9:54	-1.58E-15	6.72E-15	5.61E-14	2.76E-14
3/27/26 9:29	-1.72E-15	5.16E-15	5.06E-14	2.12E-14
3/30/26 9:38	1.41E-15	6.83E-15	3.54E-14	2.81E-14

Sample Collection Date / Time	Result Alpha (µCi/mL)	MDC – Alpha (µCi/mL)	Result Beta (µCi/mL)	MDC – Beta (µCi/mL)
Sample location DOE-4				
1/2/26 9:23	3.39E-15	4.44E-15	1.86E-14	2.10E-14
1/5/26 12:01	4.86E-16	5.65E-15	-5.29E-15	2.68E-14
1/9/26 11:27	8.81E-16	4.42E-15	9.63E-15	2.10E-14
1/12/26 9:55	4.92E-15	5.99E-15	4.05E-14	2.84E-14
1/16/26 9:32	3.63E-15	4.41E-15	7.29E-14	2.09E-14
1/19/26 9:50	2.15E-15	5.84E-15	9.39E-14	2.77E-14
1/23/26 9:50	3.86E-15	4.40E-15	1.07E-13	2.08E-14
1/26/26 9:58	6.46E-15	5.85E-15	1.11E-13	2.77E-14
1/30/26 9:34	5.38E-15	4.42E-15	9.46E-14	2.09E-14
2/2/26 9:43	5.27E-15	6.23E-15	3.95E-14	2.75E-14
2/6/26 9:57	3.45E-15	4.67E-15	7.86E-14	2.06E-14
2/9/26 9:22	9.09E-15	6.30E-15	9.06E-14	2.78E-14
2/13/26 11:05	1.40E-15	4.60E-15	4.51E-14	2.03E-14
2/17/26 9:06	6.75E-16	4.78E-15	2.33E-14	2.11E-14
2/20/26 10:29	-4.65E-16	6.12E-15	2.91E-14	2.70E-14
2/23/26 11:54	1.53E-15	6.13E-15	2.32E-14	2.71E-14
2/27/26 9:26	-3.65E-16	4.81E-15	7.05E-14	2.12E-14
3/2/26 9:01	2.09E-15	6.89E-15	8.57E-15	2.83E-14
3/6/26 9:18	3.01E-16	5.12E-15	2.79E-14	2.10E-14
3/9/26 9:34	-2.65E-15	6.92E-15	1.95E-14	2.84E-14
3/13/26 10:36	2.79E-15	5.08E-15	5.01E-14	2.09E-14
3/16/26 9:40	3.81E-15	6.93E-15	4.43E-14	2.85E-14
3/20/26 8:41	1.32E-15	5.19E-15	6.84E-14	2.13E-14
3/23/26 10:01	4.02E-15	6.72E-15	7.80E-14	2.76E-14
3/27/26 9:44	1.31E-15	5.15E-15	1.00E-13	2.11E-14
3/30/26 10:00	1.40E-15	6.82E-15	7.77E-14	2.80E-14

Note: Some values are negative after background subtraction.

Table C-2. Individual radionuclide analysis for composite filter samples.

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)
Q1 2026 Location DOE-1 Air Volume/Sample 9.84E+8ml							
Actinium-228	4E-11	1E-10	1E-10	10.2	68.8	U ; U	1.04E-14
Americium-241	-	2E-14	-	0.216	0.690	U ; UJ	2.20E-16
Beryllium-7	-	5E-8	4E-8	57.3	178	U ; U	5.82E-14
Cesium-137	4E-10	-	-	3.13	13.9	U ; U	3.18E-15
Cobalt-60	-	4E-10	8E-11	-2.62	11.2	U ; U	-2.66E-15
Plutonium-238	-	3E-14	4E-14	0.137	0.692	U ; U	1.39E-16
Plutonium-239	-	2E-14	4E-14	0.242	0.565	U ; U	2.46E-16
Plutonium-241	-	1E-12	2E-12	11.6	23.0	U ; U	1.18E-14
Polonium-210	1E-12	1E-12	-	5.28	0.457	; J	5.37E-15
Potassium-40	9E-10	-	-	37.7	151	U ; U	3.83E-14
Radium-226	-	1E-12	-	19.0	12.3	;	1.93E-14
Radium-228	-	3E-12	-	6.67	6.69	U ; U	6.78E-15
Strontium-90	5E-11	-	9E-12	4.60	5.84	U ; U	4.67E-15
Thorium-228	-	5E-14	4E-14	1.60	1.49	; UJ	1.63E-15
Thorium-230	-	4E-14	5E-14	3.65	0.981	; UJ	3.71E-15
Thorium-232	-	7E-15	1E-14	0.964	1.09	U ; U	9.80E-16
Uranium-233/234	4E-12	2E-12	9E-14	1.16	0.952	; UJ	1.18E-15
Uranium-235/236	5E-12	2E-12	1E-13	0.256	0.697	U ; U	2.60E-16
Uranium-238	5E-12	2E-12	1E-13	1.07	0.949	;	1.09E-15
Q1 2026 Location DOE-2 Air Volume/Sample 9.83E+8ml							
Actinium-228	4E-11	1E-10	1E-10	0.777	66.3	U ; U	7.90E-16
Americium-241	-	2E-14	-	0.272	1.06	U ; U	2.77E-16
Beryllium-7	-	5E-8	4E-8	114	186	U ; U	1.16E-13
Cesium-137	4E-10	-	-	4.18	13.8	U ; U	4.25E-15
Cobalt-60	-	4E-10	8E-11	3.37	15.8	U ; U	3.43E-15
Plutonium-238	-	3E-14	4E-14	0.0289	0.699	U ; U	2.94E-17
Plutonium-239	-	2E-14	4E-14	0.0974	0.728	U ; U	9.91E-17
Plutonium-241	-	1E-12	2E-12	0.231	28.8	U ; U	2.35E-16
Polonium-210	1E-12	1E-12	-	6.80	0.302	; J	6.92E-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	9E-10	-	-	172	138	UI ; UJ	1.75E-13
Radium-226	-	1E-12	-	14.3	8.04	;	1.45E-14
Radium-228	-	3E-12	-	17.3	7.02	; UJ	1.76E-14
Strontium-90	5E-11	-	9E-12	-2.03	5.60	U ; U	-2.07E-15
Thorium-228	-	5E-14	4E-14	0.699	1.09	U ; U	7.11E-16
Thorium-230	-	4E-14	5E-14	0.793	0.971	U ; U	8.07E-16
Thorium-232	-	7E-15	1E-14	0.125	0.548	U ; U	1.27E-16
Uranium-233/234	4E-12	2E-12	9E-14	0.375	0.627	U ; U	3.81E-16
Uranium-235/236	5E-12	2E-12	1E-13	0.156	0.425	U ; U	1.59E-16
Uranium-238	5E-12	2E-12	1E-13	0.754	0.397	;	7.67E-16
Q1 2026 Location DOE-3 Air Volume/Sample 9.83E+8ml							
Actinium-228	4E-11	1E-10	1E-10	-34.3	50.6	U ; UJ	-3.49E-14
Americium-241	-	2E-14	-	-0.164	0.657	U ; U	-1.67E-16
Beryllium-7	-	5E-8	4E-8	127	135	U ; U	1.29E-13
Cesium-137	4E-10	-	-	3.19	13.4	U ; U	3.25E-15
Cobalt-60	-	4E-10	8E-11	3.55	13.6	U ; U	3.61E-15
Plutonium-238	-	3E-14	4E-14	0.0496	0.654	U ; U	5.05E-17
Plutonium-239	-	2E-14	4E-14	-0.0354	0.767	U ; U	-3.60E-17
Plutonium-241	-	1E-12	2E-12	24.2	30.1	U ; U	2.46E-14
Polonium-210	1E-12	1E-12	-	5.24	0.550	; J	5.33E-15
Potassium-40	9E-10	-	-	160	102	UI ; UJ	1.63E-13
Radium-226	-	1E-12	-	13.4	12.6	;	1.36E-14
Radium-228	-	3E-12	-	4.21	7.22	U ; U	4.28E-15
Strontium-90	5E-11	-	9E-12	-0.443	4.68	U ; U	-4.51E-16
Thorium-228	-	5E-14	4E-14	0.599	0.862	U ; U	6.09E-16
Thorium-230	-	4E-14	5E-14	1.04	0.984	; UJ	1.06E-15
Thorium-232	-	7E-15	1E-14	0.485	0.598	U ; U	4.93E-16
Uranium-233/234	4E-12	2E-12	9E-14	1.27	0.752	; UJ	1.29E-15
Uranium-235/236	5E-12	2E-12	1E-13	0.120	0.361	U ; U	1.22E-16
Uranium-238	5E-12	2E-12	1E-13	1.12	0.539	;	1.14E-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)
Q1 2026 Location DOE-4 Air Volume/Sample 9.83E+8ml							
Actinium-228	4E-11	1E-10	1E-10	27.7	31.5	U ; U	2.82E-14
Americium-241	-	2E-14	-	0.358	1.04	U ; U	3.64E-16
Beryllium-7	-	5E-8	4E-8	71.3	105	U ; U	7.25E-14
Cesium-137	4E-10	-	-	1.98	10.1	U ; U	2.01E-15
Cobalt-60	-	4E-10	8E-11	-2.95	12.9	U ; U	-3.00E-15
Plutonium-238	-	3E-14	4E-14	0.126	0.491	U ; U	1.28E-16
Plutonium-239	-	2E-14	4E-14	0.0196	0.428	U ; U	1.99E-17
Plutonium-241	-	1E-12	2E-12	-8.50	25.0	U ; U	-8.65E-15
Polonium-210	1E-12	1E-12	-	6.22	0.502	; J	6.33E-15
Potassium-40	9E-10	-	-	139	17.4	;	1.41E-13
Radium-226	-	1E-12	-	11.3	7.21	;	1.15E-14
Radium-228	-	3E-12	-	2.49	5.08	U ; U	2.53E-15
Strontium-90	5E-11	-	9E-12	1.71	8.67	U ; UJ	1.74E-15
Thorium-228	-	5E-14	4E-14	0.765	0.394	; UJ	7.78E-16
Thorium-230	-	4E-14	5E-14	0.548	0.602	U ; U	5.57E-16
Thorium-232	-	7E-15	1E-14	0.753	0.346	; UJ	7.66E-16
Uranium-233/234	4E-12	2E-12	9E-14	0.617	0.469	; UJ	6.28E-16
Uranium-235/236	5E-12	2E-12	1E-13	0.0871	0.261	U ; U	8.86E-17
Uranium-238	5E-12	2E-12	1E-13	1.06	0.464	;	1.08E-15

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

"—" indicates no value.

U U – Analyte was analyzed for but not detected and is qualified as a non-detect.

J – The analyte was detected; however, the result is estimated because of discrepancies in meeting certain analyte-specific QC criteria.

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

APPENDIX D
PM_{10} Monthly Audit Reports and Flow Verification Results

NORTHWIND PORTAGE, INC.

One-Point Flow Rate Bias Estimate

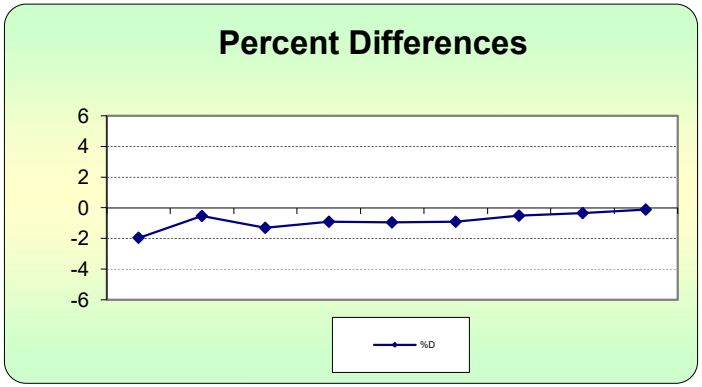
ETEC Site: DOE-1	Pollutant type: PM10	Bias (%)

Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d^2	$\|d\|$	$\|d\|^2$
Q1/2026 (Q32)	B18932	1/9/2026	14.00	14.28	-1.961		3.845	1.961	3.845
			16.70	16.79	-0.536	**25th**	0.287	0.536	0.287
			17.50	17.73	-1.297	-0.948	1.683	1.297	1.683
Q1/2026	B18932	2/27/2026	14.08	14.21	-0.915		0.837	0.915	0.837
			16.71	16.87	-0.948	**75th**	0.900	0.948	0.900
			17.50	17.66	-0.906	-0.498	0.821	0.906	0.821
Q1/2026	B18932	3/27/2026	14.00	14.07	-0.498		0.248	0.498	0.248
			16.70	16.76	-0.358		0.128	0.358	0.128
			17.50	17.52	-0.114		0.013	0.114	0.013

n	$\Sigma\|d\|$	"AB" (Eqn 4)
9	7.533	0.837
n-1	$\Sigma\|d\|^2$	**"AS" (Eqn 5)**
8	8.761	0.554

Bias (%) (Eqn 3)	Both Signs Positive
1.18	FALSE
Signed Bias (%)	Both Signs Negative
-1.18	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/tnn/amtic/qareport.html

NORTHWIND PORTAGE, INC.

One-Point Flow Rate Bias Estimate

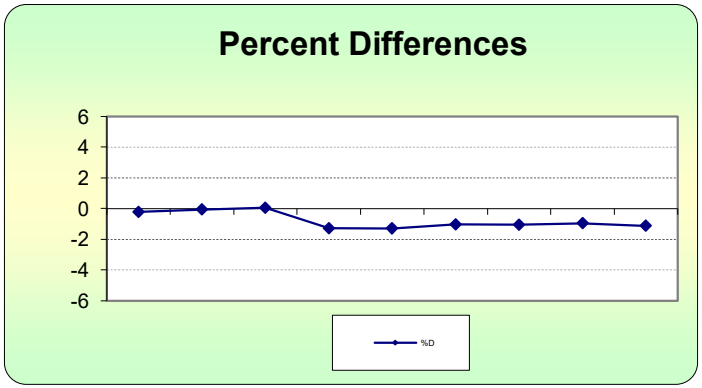
ETEC Site: DOE-2	Pollutant type: PM10	Bias (%)

Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d^2	$\|d\|$	$\|d\|^2$
Q1 / 2026 (Q32)	Y12096	1/9/2026	14.00	14.03	-0.214		0.046	0.214	0.046
			16.70	16.71	-0.060	**25th**	0.004	0.060	0.004
			17.50	17.49	0.057	-1.130	0.003	0.057	0.003
Q1 / 2026	Y12096	2/27/2026	14.00	14.18	-1.269		1.611	1.269	1.611
			16.70	16.92	-1.300	**75th**	1.691	1.300	1.691
			17.50	17.68	-1.018	-0.214	1.037	1.018	1.037
Q1 / 2026	B20070	3/27/2026	14.00	14.15	-1.060		1.124	1.060	1.124
			16.70	16.86	-0.949		0.901	0.949	0.901
			17.50	17.70	-1.130		1.277	1.130	1.277

n	$\Sigma\|d\|$	"AB" (Eqn 4)
9	7.058	0.784
n-1	$\Sigma\|d\|^2$	**"AS" (Eqn 5)**
8	7.692	0.519

Bias (%) (Eqn 3)	Both Signs Positive
1.11	FALSE
Signed Bias (%)	Both Signs Negative
-1.11	TRUE

Note: E-BAM unit Y12096 went down in March 2026 and was replaced with E-BAM unit B20070.



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/tnn/amtic/qareport.html

NORTHWIND PORTAGE, INC.

One-Point Flow Rate Bias Estimate

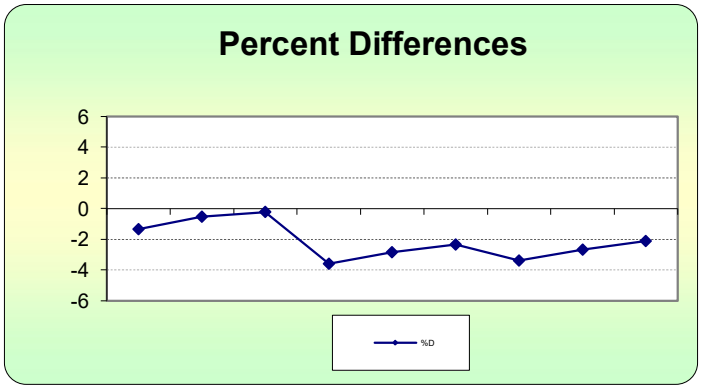
ETEC Site: DOE-3	Pollutant type: PM10	Bias (%)

Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d^2	$\|d\|$	$\|d\|^2$
Q1 / 2026 (Q32)	W23313	1/9/2026	14.00	14.19	-1.339		1.793	1.339	1.793
			16.70	16.79	-0.536	**25th**	0.287	0.536	0.287
			17.50	17.54	-0.228	-2.850	0.052	0.228	0.052
Q1 / 2026	W23313	2/27/2026	14.00	14.52	-3.581		12.825	3.581	12.825
			16.70	17.19	-2.850	**75th**	8.125	2.850	8.125
			17.50	17.92	-2.344	-1.339	5.493	2.344	5.493
Q1 / 2026	W23313	3/27/2026	14.00	14.49	-3.382		11.436	3.382	11.436
			16.70	17.16	-2.681		7.186	2.681	7.186
			17.50	17.88	-2.125		4.517	2.125	4.517

n	$\Sigma\|d\|$	"AB" (Eqn 4)
9	19.066	2.118
n-1	$\Sigma\|d\|^2$	**"AS" (Eqn 5)**
8	51.714	1.190

Bias (%) (Eqn 3)	Both Signs Positive
2.86	FALSE
Signed Bias (%)	Both Signs Negative
-2.86	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/tnn/amtic/qareport.html

NORTHWIND PORTAGE, INC.

One-Point Flow Rate Bias Estimate

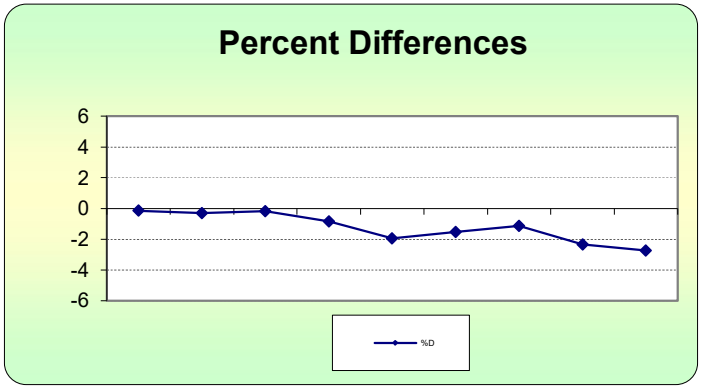
ETEC Site: DOE-4	Pollutant type: PM10	Bias (%)

Quarter	E-BAM	Date	Meas Val (Y)	Audit Val (X)	d (Eqn. 1)	Percentile	d^2	$\|d\|$	$\|d\|^2$
Q1 / 2026 (Q32)	X16067	1/9/2026	14.00	14.02	-0.143		0.020	0.143	0.020
			16.70	16.75	-0.299	**25th**	0.089	0.299	0.089
			17.50	17.53	-0.171	-1.938	0.029	0.171	0.029
Q1 / 2026	X16067	2/27/2026	14.00	14.12	-0.850		0.722	0.850	0.722
			16.70	17.03	-1.938	**75th**	3.755	1.938	3.755
			17.50	17.77	-1.519	-0.299	2.309	1.519	2.309
Q1 / 2026	X16067	3/27/2026	14.00	14.16	-1.130		1.277	1.130	1.277
			16.70	17.10	-2.339		5.472	2.339	5.472
			17.50	17.99	-2.724		7.419	2.724	7.419

n	$\Sigma\|d\|$	"AB" (Eqn 4)
9	11.112	1.235
n-1	$\Sigma\|d\|^2$	**"AS" (Eqn 5)**
8	21.092	0.960

Bias (%) (Eqn 3)	Both Signs Positive
1.83	FALSE
Signed Bias (%)	Both Signs Negative
-1.83	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/tnn/amtic/qareport.html

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # B18932

Audit Date: 1/9/2026 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: 1.05 as left: 1.05

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	12.8 °C	12.6 °C	as left:	12.8 °C	12.6 °C
Barometric Pressure:	as found:	718.0 mmHg	720.1 mmHg	as left:	718.0 mmHg	720.1 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.79 lpm	as left:	16.7 lpm	16.79 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.28 lpm	as left:	14.0 lpm	14.28 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.73 lpm	as left:	17.5 lpm	17.73 lpm

Mechanical Audits (Y = Yes N = No)

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.949	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.952			
Difference (mg/cm2) :	0.003			
% Difference / Pass or Fail:	0.32%	14.1	383.2	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0823	0823	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	1	1	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new Messages	1/9/26	0836	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # B18932

Audit Date: 2/27/2026 Audited By : TS Williford

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	148587	Calibration Date:	4/23/2025			
Leak Check Value:	as found:	1.05		as left:	1.05			
		E-BAM	Ref. Std.		E-BAM	Ref. Std.		
Ambient Temperature:	as found:	27.0 °C	26.7 °C	as left:	27.0 °C	26.7 °C		
Barometric Pressure:	as found:	716.1 mmHg	716.7 mmHg	as left:	716.1 mmHg	716.7 mmHg		
16.7 lpm Flow Rate	as found:	16.71 lpm	16.87 lpm	as left:	16.71 lpm	16.87 lpm		
14.0 lpm Flow Rate	as found:	14.08 lpm	14.21 lpm	as left:	14.08 lpm	14.21 lpm		
17.5 lpm Flow Rate	as found:	17.50 lpm	17.66 lpm	as left:	17.50 lpm	17.66 lpm		

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.949	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.953			
Difference (mg/cm2) :	0.004			
% Difference / Pass or Fail:	0.42%	14.8	410.1	Good

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0923	0923	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	1	1	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 No new messages	2/27/26	0930	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-1 Serial # B18932

Audit Date: 3/27/26 Audited By : TS Williford

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	153882	Calibration Date:	9/29/2025			
Leak Check Value:	as found:	1.07		as left:	1.07			
		E-BAM	Ref. Std.		E-BAM	Ref. Std.		
Ambient Temperature:	as found:	18.7 °C	18.6 °C	as left:	18.7 °C	18.6 °C		
Barometric Pressure:	as found:	714.9 mmHg	713.2 mmHg	as left:	714.9 mmHg	713.2 mmHg		
16.7 lpm Flow Rate	as found:	16.7 lpm	16.76 lpm	as left:	16.7 lpm	16.76 lpm		
14.0 lpm Flow Rate	as found:	14.0 lpm	14.07 lpm	as left:	14.0 lpm	14.07 lpm		
17.5 lpm Flow Rate	as found:	17.5 lpm	17.52 lpm	as left:	17.5 lpm	17.52 lpm		

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

Manual Span Membrane Test	Pump Test		
Expected Span Mass (mg/cm2) : 0.854	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) : 0.870			
Difference (mg/cm2): ~~0.854~~ 0.016 (TSW)			
% Difference / Pass or Fail: ~~0.016~~ (TSW) 1.86%	14.3	388.6	Good

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0836	0836	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	1	1	Baud Rate	~~9600~~	115200	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log						
Error	Date	Time	Error	Date	Time	
1 No new messages	3/27/26	0846	4			
2			5			
3			6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # Y12096

Audit Date: 1/9/26 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: 0.5 as left: 0.5

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	12.4 °C	12.6 °C	as left:	12.4 °C	12.6 °C
Barometric Pressure:	as found:	718.2 mmHg	720.2 mmHg	as left:	718.2 mmHg	720.2 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.71 lpm	as left:	16.7 lpm	16.71 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.03 lpm	as left:	14.0 lpm	14.03 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.49 lpm	as left:	17.5 lpm	17.49 lpm

Mechanical Audits (Y = Yes N = No)

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

Manual Span Membrane Test	
Expected Span Mass (mg/cm2) :	0.891
Measured Span Mass (mg/cm2) :	0.853
Difference (mg/cm2) :	0.038
% Difference / (Pass) or Fail:	4.35%

Pump Test		
Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
14.5	~~14~~ 418.3	Marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0948	0948	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	2	2	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No new messages	1/9/26	1000	4			
2				5			
3				6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # Y12096

Audit Date: 2/27/2026 Audited By : B.Williford

Flow Audit									
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	148587	Calibration Date:	4/23/2025				
Leak Check Value:	as found:	0.4		as left:	0.4				
		E-BAM		Ref. Std.			E-BAM		Ref. Std.
Ambient Temperature:	as found:	29.4 °C		29.1 °C		as left:	29.4 °C		29.1 °C
Barometric Pressure:	as found:	711.4 mmHg		712.8 mmHg		as left:	711.4 mmHg		712.8 mmHg
16.7 lpm Flow Rate	as found:	~~713.1~~ lpm		16.92 lpm		as left:	16.7 lpm		16.92 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm		14.18 lpm		as left:	14.0 lpm		14.18 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm		17.68 lpm		as left:	17.5 lpm		17.68 lpm

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

Manual Span Membrane Test	Pump Test		
Expected Span Mass (mg/cm2) : 0.891	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) : 0.872			
Difference (mg/cm2) : 0.019			
% Difference (Pass) or Fail: 2.15%	14.4	411.7	Marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1036	1036	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	2	2	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages	2/27/26	1046	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-2 Serial # B20070

Audit Date: 3/27/26 Audited By : TS Williford

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	153882	Calibration Date:	9/29/2025			
Leak Check Value:	as found:	1.05		as left:	1.05			
		E-BAM	Ref. Std.		E-BAM	Ref. Std.		
Ambient Temperature:	as found:	22.1 °C	22.1 °C	as left:	22.1 °C	22.1 °C		
Barometric Pressure:	as found:	711.2 mmHg	712.1 mmHg	as left:	711.2 mmHg	712.1 mmHg		
16.7 lpm Flow Rate	as found:	16.7 lpm	16.86 lpm	as left:	16.7 lpm	16.86 lpm		
14.0 lpm Flow Rate	as found:	14.0 lpm	14.15 lpm	as left:	14.0 lpm	14.15 lpm		
17.5 lpm Flow Rate	as found:	17.5 lpm	17.70 lpm	as left:	17.5 lpm	17.70 lpm		

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.850	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.846			
Difference (mg/cm2) :	0.004			
% Difference / ~~Pass~~ or Fail:	0.47%	14.3	416.8	Marginal

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	0927	0927	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	2	2	Baud Rate	~~9600~~	115200	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No new messages	3/27/26	0940	4			
2				5			
3				6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 1/9/26 Audited By :

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:	12.5 °C	12.6 °C	as left:	12.5 °C	12.6 °C		
Barometric Pressure:	as found:	721.6 mmHg	721.2 mmHg	as left:	721.6 mmHg	721.2 mmHg		
16.7 lpm Flow Rate	as found:	16.7 lpm	16.79 lpm	as left:	16.7 lpm	16.79 lpm		
14.0 lpm Flow Rate	as found:	14.0 lpm	14.19 lpm	as left:	14.0 lpm	14.19 lpm		
17.5 lpm Flow Rate	as found:	17.5 lpm	17.54 lpm	as left:	17.5 lpm	17.54 lpm		

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.885	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.898			
Difference (mg/cm2) :	0.013			
% Difference / Pass or Fail:	1.46%	14.3	400.6	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1209	1209	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	3	3	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages	1/9/26	1223	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 2/27/2026 Audited By : TS Williford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 148587 Calibration Date: 4/23/2025

Leak Check Value: as found: 0.5 as left: 0.5

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	29.9 °C	29.4 °C	as left:	29.9 °C	29.4 °C
Barometric Pressure:	as found:	714.7 mmHg	714.7 mmHg	as left:	714.7 mmHg	714.7 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	17.19 lpm	as left:	16.7 lpm	17.19 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.52 lpm	as left:	14.0 lpm	14.52 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.92 lpm	as left:	17.5 lpm	17.92 lpm

Mechanical Audits (Y = Yes N = No)

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

Manual Span Membrane Test

Expected Span Mass (mg/cm2) : 0.885

Measured Span Mass (mg/cm2) : 0902

Difference (mg/cm2) : ~~1.90~~ 0.017

% Difference (Pass) or Fail: ~~Fail~~ 1.90%

Pump Test

Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
15.0	412.1	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1158	1158	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	3	3	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages	2/27/26	1210	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-3 Serial # W23313

Audit Date: 3/27/26 Audited By : JSWilliford

Flow Audit

Flow Audit Device Model: BGI Delta Cal DC-1A Serial No: 153882 Calibration Date: 9/29/2025

Leak Check Value: as found: 0.5 as left: 0.5

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	26.4 °C	25.2 °C	as left:	26.4 °C	25.2 °C
Barometric Pressure:	as found:	714.0 mmHg	712.7 mmHg	as left:	714.0 mmHg	712.7 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	17.16 lpm	as left:	16.7 lpm	17.16 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.49 lpm	as left:	14.0 lpm	14.49 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.88 lpm	as left:	17.5 lpm	17.88 lpm

Mechanical Audits (Y = Yes N = No)

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.885	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.912			
Difference (mg/cm2) :	0.027			
% Difference / (Pass) or Fail:	3.00%	14.6	411.3	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1031	1031	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	3	3	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

Error	Date	Time	Error	Date	Time
1 No new messages	3/27/26	1040	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # X16067

Audit Date: 1/9/26 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: 0.5 as left: 0.5

		E-BAM	Ref. Std.		E-BAM	Ref. Std.
Ambient Temperature:	as found:	16.2 °C	13.8 °C	as left:	16.2 °C	13.8 °C
Barometric Pressure:	as found:	713.2 mmHg	712.7 mmHg	as left:	713.2 mmHg	712.7 mmHg
16.7 lpm Flow Rate	as found:	16.7 lpm	16.75 lpm	as left:	16.7 lpm	16.75 lpm
14.0 lpm Flow Rate	as found:	14.0 lpm	14.02 lpm	as left:	14.0 lpm	14.02 lpm
17.5 lpm Flow Rate	as found:	17.5 lpm	17.53 lpm	as left:	17.5 lpm	17.53 lpm

Mechanical Audits (Y = Yes N = No)

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.950	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.944			
Difference (mg/cm2) :	0.006			
% Difference / Pass or Fail:	0.63%	14.9	11.3	Good

Setup and Calibration Values

Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1346	1346	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	4	4	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log

	Error	Date	Time		Error	Date	Time
1	No new messages	1/9/26	1405	4			
2				5			
3				6			

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE4 Serial # X16067

Audit Date: 2/27/2026 Audited By : TS Williford

Flow Audit									
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	148587	Calibration Date:	4/23/2025				
Leak Check Value:	as found:	0.5		as left:	0.5				
		E-BAM	Ref. Std.			E-BAM	Ref. Std.		
Ambient Temperature:	as found:	35.2 °C	30.8 °C	as left:		35.2 °C	30.8 °C		
Barometric Pressure:	as found:	706.3 mmHg	706.2 mmHg	as left:		706.3 mmHg	706.2 mmHg		
16.7 lpm Flow Rate	as found:	16.7 lpm	17.03 lpm	as left:		16.7 lpm	17.03 lpm		
14.0 lpm Flow Rate	as found:	14.0 lpm	14.12 lpm	as left:		14.0 lpm	14.12 lpm		
17.5 lpm Flow Rate	as found:	17.5 lpm	17.77 lpm	as left:		17.5 lpm	17.77 lpm		

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.950	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.948			
Difference (mg/cm2) :	0.002			
% Difference / Pass or Fail:	0.21%	14.4	408.6	Good

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1346	1346	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	4	4	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 No new messages	2/27/26	1358	4		
2			5		
3			6		

Audit Notes:

NORTHWIND INC.

Baseline Air Monitoring Program - DOE

E-BAM Monthly Audit and Maintenance

Station # DOE-4 Serial # X-16067

Audit Date: 3/27/26 Audited By : TS Williford

Flow Audit								
Flow Audit Device Model:	BGI Delta Cal DC-1A	Serial No:	153882	Calibration Date:	9/29/2025			
Leak Check Value:	as found:	0.5		as left:	0.5			
		E-BAM	Ref. Std.		E-BAM	Ref. Std.		
Ambient Temperature:	as found:	30.1 °C	28.7 °C	as left:	30.1 °C	28.7 °C		
Barometric Pressure:	as found:	706.0 mmHg	705.0 mmHg	as left:	706.0 mmHg	705.0 mmHg		
16.7 lpm Flow Rate	as found:	16.7 lpm	17.10 lpm	as left:	16.7 lpm	17.10 lpm		
14.0 lpm Flow Rate	as found:	14.0 lpm	14.16 lpm	as left:	14.0 lpm	14.16 lpm		
17.5 lpm Flow Rate	as found:	17.5 lpm	17.99 lpm	as left:	17.5 lpm	17.99 lpm		

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

Manual Span Membrane Test		Pump Test		
Expected Span Mass (mg/cm2) :	0.950	Flow Rate 14.0 - 15.0 (lpm)	Vacuum Value (Hg)	Quality Category Good / Marginal / Poor
Measured Span Mass (mg/cm2) :	0.957			
Difference (mg/cm2) :	0.007			
% Difference / ~~Pass~~ or Fail:	0.73%	14.4	405.6	Good

Setup and Calibration Values								
Parameter	Expected	Found	Parameter	Expected	Found	Parameter	Expected	Found
Clock	1132	1132	Analog Mode	Hourly	✓	Flow Type	Actual	✓
Location	4	4	Baud Rate	9600	✓	Restart Voltage	12.5 v	✓
Tape Advance	24 hrs	✓	RH Setpoint	45%	✓	Std Cond Temp	25 C	✓
Realtime Avg	60 mins	✓	Delta T Setpoint	15 C	✓	DAC	8.0 v	✓
Machine Type	PM-10	✓	RH Control	On	✓	RH Connect	No	✓
Analog FS	1.0 v	✓	Flow Setpoint	16.7	✓	Pump Protect	Off	✓

Last 6 Errors in E-BAM Error Log					
Error	Date	Time	Error	Date	Time
1 No new messages	3/27/26	1151	4		
2			5		
3			6		

Audit Notes: