November 13, 2026
Jeff Beecher
San Joaquin Refining Co. Inc.

Subject: **San Joaquin Refining Co. Inc. Rule 4460 Fence-line Monitoring Quarter 3 2026 Report**

Dear Jeff Beecher

Argos Scientific, Inc. is pleased to submit this quarterly report associated with the fence-line air monitoring program at San Joaquin Refining Co. Inc. (SJR). This report has been prepared in accordance with the San Joaquin Valley Air Pollution Control District's Rule 4460 and the program's Quality Assurance Project Plan (QAPP) for quarterly reporting. This report covers the period from July 1, 2026, through September 30, 2026.

The fence-line air monitoring data for SJR was made publicly available on August 26, 2025, providing real-time air quality information to the surrounding community. The monitoring network currently includes three open-path UV DOAS systems, three point monitoring systems, and one meteorological (MET) station, installed along the refinery fenceline at locations selected to capture emissions transported toward nearby sensitive receptors.
The third point monitoring system at the south tank farm was undergoing installation and commissioning during the monitoring period and is therefore not included in this report.

The public-facing community website, where live data and visualizations can be accessed, is available at: https://sjr.argos-scientific.com/.

Please let us know if you have any questions regarding this report.

Sincerely,

Don Gamiles
President
Argos Scientific, Inc.

San Joaquin Refining Co. Inc.
Rule 4460 Fence-line Monitoring

Q3 2026 Report

Prepared by:

Argos Scientific, Inc.

Prepared for:

San Joaquin Refining Co.

November 13, 2026

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List of Acronyms

BTEX – Benzene, Toluene, Ethylbenzene and Xylene

H_2S – Hydrogen Sulfide

MET – Meteorological

MPH – Miles Per Hour

NO_2 – Nitrogen Dioxide

OEHHA – Office of Environmental Health Hazard Assessment

PPB – Parts Per Billion

QA/QC – Quality Assurance / Quality Control

QAPP – Quality Assurance Project Plan

REL – Reference Exposure Level

RSD – Relative Standard Deviation

SJR – San Joaquin Refining Company, Inc.

SJVAPCD – San Joaquin Valley Air Pollution Control District

SO_2 – Sulfur Dioxide

UV DOAS – Ultraviolet Differential Optical Absorption Spectroscopy

1. Introduction

Petroleum refineries in the San Joaquin Valley are required to conduct real-time fence-line monitoring of several air pollutants under Rule 4460, adopted by the San Joaquin Valley Air Pollution Control District (SJVAPCD) to provide the public with air quality information at and near refinery property boundaries. San Joaquin Refining Co. Inc. (SJR) operates open-path and point-source air monitoring instrumentation along the refinery fence-line in accordance with Rule 4460 and the SJR Air Monitoring Plan and Quality Assurance Project Plan (QAPP). Measurements are obtained continuously and displayed in near real time on a publicly accessible website, giving the surrounding community ongoing visibility into fence-line data.

This report summarizes monitoring data collected during the third quarter of 2026 (July 1 –September 30, 2026) for three open-path UV DOAS systems and two point monitoring systems. The third point monitoring system at the south tank farm, measuring H_2S and SO_2, is excluded from this report as it was still undergoing commissioning during the third quarter. Consistent with the objectives of Rule 4460 and the QAPP, this report addresses data completeness, quarterly and monthly statistics, instrument performance checks, and any exceedances of applicable notification thresholds.

2. Monitoring Overview

SJR's fence-line monitoring network consists of three open-path UV DOAS systems, three hydrogen sulfide point monitors, and a meteorological (MET) station, positioned along the refinery boundary to capture emissions transported toward the sensitive receptors identified in the Air Monitoring Plan. Figure 1 shows the location of each monitoring site, and Table 1 summarizes the equipment installed and pollutants measured at each.

Paths 1 through 3 are open-path UV DOAS systems; each spans a fixed beam length and measures benzene, toluene, ethylbenzene, xylenes (BTEX), sulfur dioxide, nitrogen dioxide, and naphthalene over its beam length. Sites B, H, and I are equipped with point monitors that measure hydrogen sulfide, with Site I additionally monitoring sulfur dioxide. A MET station at Site G provides wind speed, wind direction, temperature, and humidity data to support interpretation of the path and point monitor readings.



Figure 1: Site Map of Monitoring Locations

Table 1: Description of Monitoring Site Locations

Site	Equipment	Measurements
Path 1 (Site A to Site B)	Open-path UV DOAS	Benzene, toluene, ethylbenzene, xylenes, sulfur dioxide, nitrogen dioxide, naphthalene
Site B	H_2S point monitor	Hydrogen sulfide
Path 2 (Site C to Site D)	Open-path UV DOAS	Benzene, toluene, ethylbenzene, xylenes, sulfur dioxide, nitrogen dioxide, naphthalene
Path 3 (Site E to Site F)	Open-path UV DOAS	Benzene, toluene, ethylbenzene, xylenes, sulfur dioxide, nitrogen dioxide, naphthalene
Site G	MET Station	Wind speed, wind direction, temperature, humidity
Site H	H_2S point monitor	Hydrogen sulfide
Site I*	H_2S/SO_2 point monitor	Hydrogen sulfide, sulfur dioxide

*Site I was in the installation and commissioning phase

3. Data Quality Assurance

Data quality is central to the value of the fence-line monitoring program, and SJR maintains a multi-layered quality assurance approach designed to meet the data quality objectives established in the QAPP. Incoming 5-minute measurements are first screened through automated quality control (QC) checks that evaluate instrument health indicators, including signal strength and spectral match quality for the open-path analyzers, and flag data accordingly as valid, invalid, or further review required. This automated screening is designed to catch the most common sources of data quality issues, such as low-visibility conditions, instrument drift, and communication interruptions, as soon as they occur. Data flagged for further review is evaluated by a qualified analyst and assigned a final validity determination in accordance with the QAPP.

Automated screening is supplemented by manual review performed by qualified analysts, who examine time-series data for each instrument to confirm reasonable operation and investigate any anomalies flagged by the automated system. On a quarterly basis, this review is extended to a more comprehensive assessment that includes evaluating instrument metadata, confirming that scheduled maintenance and calibration checks were completed, reviewing data completeness and validity statistics, and looking for statistical outliers or anomalies across the quarter. Together, these automated and manual processes are intended to ensure that the data presented in this report meet the accuracy, precision, and completeness objectives of the QAPP. All monitoring, data validation, and QA/QC activities performed during the quarter were conducted in accordance with the procedures established in the QAPP, including automated and manual data review, routine instrument maintenance, and scheduled calibration checks.

4. Data Completeness

Data completeness is one of the primary indicators used to evaluate whether the fence-line monitoring network is meeting its reporting objectives, since gaps in the data record limit the program's ability to inform the public and the SJVAPCD about fence-line data. Data completeness was assessed for each compound measured at each monitoring path and point monitor using the definitions and methodology described in Appendix A, which distinguish between data lost to weather conditions outside the monitoring team's control and data invalidated for other reasons. A detailed breakdown by path and compound is provided in Table A-1. Table B-1 in Appendix B lists the time periods of downtime beyond one hour.

All data collection and validation activities supporting the completeness calculations were performed in accordance with the QAPP. All systems maintained data completeness above 90% for the quarter.

5. Quarterly and Monthly Statistics

Quarterly and monthly statistics provide an additional layer of insight into the reporting quarter's data beyond completeness alone, supporting the identification of outliers and consistency across monitoring paths. Monthly and quarterly statistics including mean, standard deviation, minimum, and maximum data points for each monitoring path, compound, and period are provided in Appendix C (Table C-1 and Table C-2). All statistics were calculated using only valid data, in accordance with the QAPP, so that reported concentrations reflect measurements that have passed both automated and manual QC review.

Reviewing these statistics on a monthly and quarterly basis allows month-to-month variability to be distinguished from isolated data anomalies and supports comparison of measured concentrations to notification thresholds. This recurring statistical review is part of a broader effort to meet the data quality and reporting objectives of the QAPP throughout the reporting period.

6. Instrument Performance Checks

The accuracy of the open-path UV DOAS analyzers is verified monthly using a bump test, in which a known concentration of benzene gas in a sealed cell is inserted in the beam path and the reported concentration is compared with the known concentration. Once a quarter, the open-path UV DOAS analyzers are also verified with an SO_2 sealed cell. Accuracy is calculated as the percent difference between the recorded measurement and the known concentration, and precision is the relative standard deviation across replicate measurements. The requirement is that accuracy and precision each be within 15%. The spectral match between the measured and reference spectra is also verified for the test to be considered successful.

The H_2S point monitors are verified monthly with a zero and span check using the analyzer's calibrator to control the flow of the connected target gas cylinder and zero air generator to achieve the target concentration. The accuracy is calculated from the recorded measurement of the span check and is required to be within 15%.

These checks are a required element of the QAPP and provide ongoing assurance that instrument calibration has not drifted outside acceptable limits between scheduled maintenance visits. All checks were performed in accordance with the QAPP, and results are summarized in Tables D-1 and D-2 in Appendix D. All checks conducted on the open-path analyzers and on the point monitors passed for quarter 3.

7. REL Exceedances

A central reporting objective of Rule 4460 is to notify the SJVAPCD and the public promptly when fence-line concentrations exceed health-based notification thresholds. A 1-hour rolling average was calculated from the 5-minute data for each system and compound to identify any exceedances of the OEHHA acute 1-hour reference exposure level (REL) notification thresholds stipulated in the QAPP. Whenever an exceedance is identified, the operational performance of the associated instrument is reviewed to confirm the validity of the reading before it is reported.

Exceedance events, if any, are summarized in Table 2, along with the probable cause and any corrective action taken. The percentage of time each compound exceeded its REL during the quarter, which provides additional context on the frequency and duration of elevated readings relative to the length of the reporting period, is summarized in Table 3.

Table 2: Summary of REL Exceedance Events during Quarter 3 2026

Path/Site	Compound	Start Date/Time	Peak 1-hour Concentration (ppb)	Probable Cause / Corrective Action
All Paths/Sites	All Compounds	N/A	N/A	No exceedances of the QAPP notification thresholds were identified on a 1-hour average basis during Q3 2026.

Table 3: Percent of Time Each Measured Compound was above the REL for Quarter 3 2026

Compound	% of Time Above 1-hour REL
Benzene	0.00
Toluene	0.00
Ethylbenzene	N/A
Total Xylenes	0.00
Naphthalene	N/A
NO_2	0.00
SO_2	0.00
H_2S	0.00

8. Conclusions

Data collection, validation, and quality assurance activities for quarter 3 of 2026 were conducted in accordance with the SJR Air Monitoring Plan and QAPP. All required monitoring, maintenance, and quality control procedures were completed. Together, the automated and manual QC processes described in Section 3, the instrument performance checks summarized in Section 6, and the data completeness and statistical review discussed in Sections 4 and 5 reflect the ongoing commitment to meeting the data quality and reporting objectives established under Rule 4460 and the QAPP.

No exceedances of the QAPP's notification thresholds were identified for any monitored path, point monitor, or compound during quarter 3 of 2026, as detailed in Section 7. All bump test and span check results for the quarter met the accuracy and precision requirements established in the QAPP, as summarized in Appendix D.

The data completeness trends and instrument performance will be monitored across future quarters and any corrective actions identified through the QAPP's quarterly review process will be implemented. The fence-line monitoring program remains committed to providing the SJVAPCD and the surrounding community with accurate, complete, and timely fence-line monitoring data in accordance with Rule 4460.

Appendix A - Data Completeness

Data completeness is assessed by reviewing the validation category assigned to each 5-minute measurement for each path and compound, consistent with the data quality objectives established in the QAPP. Completeness statistics are defined as follows:

Possible: The count of all 5-minute data points that could be collected for the reporting period

Captured: The count of all 5-minute data points that were collected for the reporting period

Missing: The count of all 5-minute data points where no data was collected
Missing = Possible - Captured

% Missing: The percentage of missing data points relative to the possible count of data points for the reporting period
% Missing = (Missing / Possible) × 100

Invalid Weather: The count of 5-minute data points flagged as being impacted by weather-related events

Expected: A calculation of the possible number of data points adjusted to account for data invalidated by weather impacts
Expected = Possible - Invalid Weather

Other Invalid: The count of all 5-minute data points that are not flagged as being impact by weather and are not considered valid, example: an instrument produces an error code

% Other Invalid: The percentage of other invalid data points relative to the possible count of data points for the reporting period
% Other Invalid = (Other Invalid / Possible) × 100

Valid: The number of 5-minute data points that are not affected by weather and are not considered invalid

% Valid: The percentage of valid data points relative to the possible count of data points for the reporting period
% Valid = (Valid / Possible) × 100

Complete Hours: The count of block hours where more than 75% of the data is considered valid for that hour

Total Hours: The total number of block hours for the reporting period

% Complete: The percentage of data completeness for the reporting period
% Complete = (Complete Hours / Total Hours) × 100

Table A-1: Data Completeness Per Compound / Parameter for Quarter 3

Path/Site	Compound/ Parameter	Possible	Captured	Missing	% Missing	Invalid Weather	Expected	Other Invalid	% Other Invalid	Valid	% Valid	Complete Hours	Total Hours	% Complete
Path 1	Benzene	26496	26388	108	0.4%	0	26496	760	2.9%	25628	96.7%	2136	2208	96.7%
Path 1	Toluene	26496	26388	108	0.4%	0	26496	12	0.0%	26376	99.5%	2196	2208	99.5%
Path 1	Ethylbenzene	26496	26388	108	0.4%	0	26496	12	0.0%	26376	99.5%	2196	2208	99.5%
Path 1	Total Xylenes	26496	26388	108	0.4%	0	26496	16	0.1%	26372	99.5%	2196	2208	99.5%
Path 1	SO_2	26496	26388	108	0.4%	0	26496	1809	6.8%	24579	92.8%	2131	2208	96.5%
Path 1	NO_2	26496	26388	108	0.4%	0	26496	14	0.1%	26374	99.5%	2196	2208	99.5%
Path 1	Naphthalene	26496	26388	108	0.4%	0	26496	12	0.0%	26376	99.5%	2196	2208	99.5%
Path 2	Benzene	26496	26306	190	0.7%	0	26496	27	0.1%	26279	99.2%	2186	2208	99.0%
Path 2	Toluene	26496	26306	190	0.7%	0	26496	27	0.1%	26279	99.2%	2186	2208	99.0%
Path 2	Ethylbenzene	26496	26306	190	0.7%	0	26496	28	0.1%	26278	99.2%	2186	2208	99.0%
Path 2	Total Xylenes	26496	26306	190	0.7%	0	26496	208	0.8%	26098	98.5%	2171	2208	98.3%
Path 2	SO_2	26496	26306	190	0.7%	0	26496	78	0.3%	26228	99.0%	2184	2208	98.9%
Path 2	NO_2	26496	26306	190	0.7%	0	26496	27	0.1%	26279	99.2%	2186	2208	99.0%
Path 2	Naphthalene	26496	26306	190	0.7%	0	26496	27	0.1%	26279	99.2%	2186	2208	99.0%
Path 3	Benzene	26496	26378	118	0.4%	0	26496	116	0.4%	26262	99.1%	2184	2208	98.9%
Path 3	Toluene	26496	26378	118	0.4%	0	26496	116	0.4%	26262	99.1%	2184	2208	98.9%
Path 3	Ethylbenzene	26496	26378	118	0.4%	0	26496	116	0.4%	26262	99.1%	2184	2208	98.9%
Path 3	Total Xylenes	26496	26378	118	0.4%	0	26496	116	0.4%	26262	99.1%	2184	2208	98.9%
Path 3	SO_2	26496	26378	118	0.4%	0	26496	1644	6.2%	24734	93.3%	2014	2208	91.2%
Path 3	NO_2	26496	26378	118	0.4%	0	26496	116	0.4%	26262	99.1%	2184	2208	98.9%
Path 3	Naphthalene	26496	26378	118	0.4%	0	26496	116	0.4%	26262	99.1%	2184	2208	98.9%
Site B	H_2S	26496	26495	1	0.0%	0	26496	93	0.4%	26402	99.6%	2199	2208	99.6%
Site H	H_2S	26496	26496	0	0.0%	0	26496	737	2.8%	25759	97.2%	2141	2208	97.0%
Site G	Wind Speed	26496	26486	10	0.0%	0	26496	0	0.0%	26486	100.0%	2208	2208	100.0%
Site G	Wind Direction	26496	26486	10	0.0%	0	26496	0	0.0%	26486	100.0%	2208	2208	100.0%
Site G	Temperature	26496	26486	10	0.0%	0	26496	0	0.0%	26486	100.0%	2208	2208	100.0%
Site G	Humidity	26496	26486	10	0.0%	0	26496	0	0.0%	26486	100.0%	2208	2208	100.0%

Appendix B – Downtime Events

A summary of analyzer downtime events are the time periods where no data was reported for at least one hour and does not include time periods where there were weather impacts. These events are summarized in Table B-1.

Table B-1: Downtime Events for Quarter 3

Path/Site	Start Date/Time	End Date/Time	Description
Path 1	2026-07-22 12:15:00	2026-07-22 13:25:00	On-site maintenance
Path 1	2026-07-23 10:55:00	2026-07-23 12:20:00	On-site maintenance
Path 1	2026-09-28 15:15:00	2026-09-28 16:30:00	Remote system checks
Path 1	2026-09-29 11:50:00	2026-09-29 13:00:00	Remote system checks
Path 2	2026-07-22 12:50:00	2026-07-22 18:50:00	On-site maintenance
Path 2	2026-07-23 08:15:00	2026-07-23 09:50:00	On-site maintenance
Path 2	2026-09-25 11:20:00	2026-09-25 12:20:00	System realignment
Path 2	2026-09-28 16:15:00	2026-09-28 17:45:00	Remote system checks
Path 2	2026-09-29 13:15:00	2026-09-29 14:15:00	Remote system checks
Path 3	2026-07-22 13:35:00	2026-07-22 16:05:00	On-site maintenance
Path 3	2026-07-22 16:35:00	2026-07-22 17:35:00	On-site maintenance
Path 3	2026-07-27 08:50:00	2026-07-27 09:50:00	On-site maintenance
Path 3	2026-09-29 10:15:00	2026-09-29 11:40:00	Remote system checks

Appendix C - Quarterly and Monthly Statistics

Quarterly and monthly statistics for 5-minute data at each monitoring path and site are listed in Table C-1 and Table C-2. Table C-1 summarizes the quarterly and monthly statistics for compounds measured and Table C-2 summarizes it for the MET. The quarterly and monthly statistics are calculated using the valid 5-minute data points only.

Table C-1: Quarterly and Monthly Statistics for Compounds for Quarter 3

Path/Site	Compound	Period	Mean (ppb)	Standard Deviation (ppb)	Minimum (ppb)	Maximum (ppb)
Path 1	Benzene	All Q3	0.45	0.00	0.45	0.45
Path 1	Benzene	July	0.45	0.00	0.45	0.45
Path 1	Benzene	August	0.45	0.00	0.45	0.45
Path 1	Benzene	September	0.45	0.00	0.45	0.45
Path 1	Toluene	All Q3	1.40	0.00	1.40	1.40
Path 1	Toluene	July	1.40	0.00	1.40	1.40
Path 1	Toluene	August	1.40	0.00	1.40	1.40
Path 1	Toluene	September	1.40	0.00	1.40	1.40
Path 1	Ethylbenzene	All Q3	6.00	0.00	6.00	6.00
Path 1	Ethylbenzene	July	6.00	0.00	6.00	6.00
Path 1	Ethylbenzene	August	6.00	0.00	6.00	6.00
Path 1	Ethylbenzene	September	6.00	0.00	6.00	6.00
Path 1	Total Xylenes	All Q3	0.80	0.00	0.80	0.80
Path 1	Total Xylenes	July	0.80	0.00	0.80	0.80
Path 1	Total Xylenes	August	0.80	0.00	0.80	0.80
Path 1	Total Xylenes	September	0.80	0.00	0.80	0.80
Path 1	SO_2	All Q3	1.12	2.68	1.05	189.14
Path 1	SO_2	July	1.06	0.53	1.05	50.31
Path 1	SO_2	August	1.07	1.71	1.05	156.16
Path 1	SO_2	September	1.24	4.39	1.05	189.14
Path 1	NO_2	All Q3	6.51	7.53	0.00	24.72
Path 1	NO_2	July	7.49	10.10	0.00	24.72
Path 1	NO_2	August	5.93	5.39	0.00	20.27
Path 1	NO_2	September	6.09	6.08	0.00	24.48
Path 1	Naphthalene	All Q3	0.50	0.00	0.50	0.50
Path 1	Naphthalene	July	0.50	0.00	0.50	0.50
Path 1	Naphthalene	August	0.50	0.00	0.50	0.50
Path 1	Naphthalene	September	0.50	0.00	0.50	0.50
Path 2	Benzene	All Q3	0.45	0.00	0.45	0.45
Path 2	Benzene	July	0.45	0.00	0.45	0.45
Path 2	Benzene	August	0.45	0.00	0.45	0.45
Path 2	Benzene	September	0.45	0.00	0.45	0.45
Path 2	Toluene	All Q3	1.40	0.00	0.87	1.77
Path 2	Toluene	July	1.40	0.01	0.87	1.77

Path/Site	Compound	Period	Mean (ppb)	Standard Deviation (ppb)	Minimum (ppb)	Maximum (ppb)
Path 2	Toluene	August	1.40	0.00	1.40	1.40
Path 2	Toluene	September	1.40	0.00	1.40	1.40
Path 2	Ethylbenzene	All Q3	6.00	0.00	6.00	6.00
Path 2	Ethylbenzene	July	6.00	0.00	6.00	6.00
Path 2	Ethylbenzene	August	6.00	0.00	6.00	6.00
Path 2	Ethylbenzene	September	6.00	0.00	6.00	6.00
Path 2	Total Xylenes	All Q3	0.80	0.00	0.80	0.80
Path 2	Total Xylenes	July	0.80	0.00	0.80	0.80
Path 2	Total Xylenes	August	0.80	0.00	0.80	0.80
Path 2	Total Xylenes	September	0.80	0.00	0.80	0.80
Path 2	SO_2	All Q3	1.59	4.37	1.05	127.66
Path 2	SO_2	July	2.11	6.41	1.05	108.69
Path 2	SO_2	August	1.35	3.19	1.05	127.66
Path 2	SO_2	September	1.29	2.34	1.05	51.36
Path 2	NO_2	All Q3	0.21	7.42	0.02	13.05
Path 2	NO_2	July	1.38	6.07	0.00	13.05
Path 2	NO_2	August	0.56	7.74	0.02	11.06
Path 2	NO_2	September	0.21	8.16	0.00	10.85
Path 2	Naphthalene	All Q3	0.50	0.00	0.50	0.50
Path 2	Naphthalene	July	0.50	0.00	0.50	0.50
Path 2	Naphthalene	August	0.50	0.00	0.50	0.50
Path 2	Naphthalene	September	0.50	0.00	0.50	0.50
Path 3	Benzene	All Q3	0.45	0.00	0.45	0.45
Path 3	Benzene	July	0.45	0.00	0.45	0.45
Path 3	Benzene	August	0.45	0.00	0.45	0.45
Path 3	Benzene	September	0.45	0.00	0.45	0.45
Path 3	Toluene	All Q3	1.40	0.01	0.02	1.40
Path 3	Toluene	July	1.40	0.00	1.40	1.40
Path 3	Toluene	August	1.40	0.01	0.02	1.40
Path 3	Toluene	September	1.40	0.00	1.40	1.40
Path 3	Ethylbenzene	All Q3	6.00	0.00	6.00	6.00
Path 3	Ethylbenzene	July	6.00	0.00	6.00	6.00
Path 3	Ethylbenzene	August	6.00	0.00	6.00	6.00
Path 3	Ethylbenzene	September	6.00	0.00	6.00	6.00
Path 3	Total Xylenes	All Q3	0.80	0.00	0.80	0.80
Path 3	Total Xylenes	July	0.80	0.00	0.80	0.80
Path 3	Total Xylenes	August	0.80	0.00	0.80	0.80
Path 3	Total Xylenes	September	0.80	0.00	0.80	0.80
Path 3	SO_2	All Q3	1.11	1.27	1.05	82.45
Path 3	SO_2	July	1.07	0.83	1.05	51.91
Path 3	SO_2	August	1.16	1.92	1.05	82.45
Path 3	SO_2	September	1.08	0.48	1.05	21.05
Path 3	NO_2	All Q3	0.19	4.26	0.00	19.30
Path 3	NO_2	July	2.50	5.13	0.00	15.71
Path 3	NO_2	August	0.30	2.76	0.00	10.85

Path/Site	Compound	Period	Mean (ppb)	Standard Deviation (ppb)	Minimum (ppb)	Maximum (ppb)
Path 3	NO_2	September	1.69	3.36	0.00	19.30
Path 3	Naphthalene	All Q3	0.50	0.00	0.50	0.50
Path 3	Naphthalene	July	0.50	0.00	0.50	0.50
Path 3	Naphthalene	August	0.50	0.00	0.50	0.50
Path 3	Naphthalene	September	0.50	0.00	0.50	0.50
Site B	H_2S	All Q3	0.02	1.06	0.00	76.46
Site B	H_2S	July	0.41	0.82	0.00	3.44
Site B	H_2S	August	0.24	0.40	0.00	9.02
Site B	H_2S	September	0.23	1.52	0.00	76.46
Site H	H_2S	All Q3	1.34	1.26	0.00	17.23
Site H	H_2S	July	1.65	1.50	0.25	17.23
Site H	H_2S	August	1.24	1.26	0.00	15.15
Site H	H_2S	September	1.13	0.89	0.27	11.02

Table C-2: Quarterly and Monthly Statistics for the MET for Quarter 3

Site	Parameter	Period	Mean	Standard Deviation	Minimum	Maximum
Site G	Wind Speed (mph)	All Q3	4.38	0.96	0.02	14.0
Site G	Wind Speed (mph)	July	4.62	0.98	0.09	12.8
Site G	Wind Speed (mph)	August	4.45	0.99	0.02	14.0
Site G	Wind Speed (mph)	September	4.06	0.88	0.02	11.20
Site G	Wind Direction (degrees)	All Q3	309.75	67.39	0.00	360.00
Site G	Wind Direction (degrees)	July	308.58	59.12	0.00	360.00
Site G	Wind Direction (degrees)	August	311.12	67.30	0.02	359.96
Site G	Wind Direction (degrees)	September	309.73	76.45	0.02	359.94
Site G	Temperature (°F)	All Q3	84.10	5.77	58.20	110.00
Site G	Temperature (°F)	July	86.50	5.05	64.80	104.00
Site G	Temperature (°F)	August	87.70	5.38	64.4	110.00
Site G	Temperature (°F)	September	77.90	5.32	58.20	103.00
Site G	Humidity (%)	All Q3	34.52	12.35	7.51	74.11
Site G	Humidity (%)	July	32.20	11.28	12.00	67.42
Site G	Humidity (%)	August	31.18	11.72	7.51	74.11
Site G	Humidity (%)	September	40.36	11.96	14.76	71.94

Appendix D - Instrument Performance Checks

Tables D-1 and D-2 summarize the bump checks performed on the open-path UV DOAS analyzers and the span checks on point monitoring systems during quarter 3, 2026.

Table D-1: Summary of the Open-path UV DOAS Bump Checks Performed during Quarter 3

Path	Compound	Date	Accuracy (%)	Precision (%)	Pass / Fail
Path 1	Benzene	07/20/2026	3.65	2.04	Pass
Path 2	Benzene	07/29/2026	3.21	2.99	Pass
Path 3	Benzene	07/29/2026	5.25	0.47	Pass
Path 1	Benzene	08/31/2026	3.40	7.41	Pass
Path 2	Benzene	08/31/2026	2.81	4.67	Pass
Path 3	Benzene	08/31/2026	9.91	0.48	Pass
Path 1	Benzene	09/29/2026	4.11	4.57	Pass
Path 1	SO_2	09/29/2026	2.61	8.09	Pass
Path 2	Benzene	09/25/2026	3.14	3.12	Pass
Path 2	SO_2	09/25/2026	2.98	4.04	Pass
Path 3	Benzene	09/29/2026	1.05	0.10	Pass
Path 3	SO_2	09/29/2026	4.95	2.21	Pass

Table D-2: Summary of the Point Monitor Span Checks Performed during Quarter 3

Site	Compound	Date	Accuracy (%)	Pass / Fail
Site B	H_2S	07/09/2026	0.24	Pass
Site H	H_2S	07/13/2026	0.52	Pass
Site B	H_2S	07/30/2026	3.33	Pass
Site H	H_2S	07/30/2026	3.70	Pass
Site B	H_2S	08/31/2026	2.10	Pass
Site H	H_2S	08/31/2026	0.60	Pass
Site B	H_2S	09/30/2026	4.40	Pass
Site H	H_2S	09/30/2026	3.30	Pass