AECOM
250 Apollo Drive
Chelmsford, MA 01824
978.905.2100 tel

Fenceline Air Monitoring Summary

Client:	**Sunoco LP**
Location:	**Sunoco Oil Terminal, 175 Front Street, Portland, Maine**
Reporting Period:	**2025 Quarter 3 (6/26/25 – 9/18/25)**

On behalf of Sunoco LP (Sunoco), AECOM Technical Services, Inc. (AECOM) has prepared this data summary for the bi-weekly fenceline air sampling conducted during the indicated sampling period at the Sunoco Oil Terminal facility located at 175 Front Street in Portland, Maine. The fenceline air monitoring was conducted in accordance with the Fenceline Air Monitoring Plan and amendment developed by AECOM (March 2024) and Amendment 01 (November 2024) and based on the requirements of *Chapter 171: Control of Petroleum Storage Facilities, promulgated by the Maine Department of Environmental Protection (Maine DEP)*.

Fenceline air monitoring commenced on July 25, 2024, under control of Gulf Oil LP (Gulf Oil). Gulf transferred ownership of the 175 Front Street facility to Sunoco on August 29, 2024. This Quarterly Fenceline Air Monitoring Summary focuses on the data collected during the report period and includes quarterly and annual average concentrations.

Scope of Work

Fenceline air monitoring was conducted during the reporting period to evaluate ambient air conditions at the Sunoco facility property line (fenceline). The fenceline air monitoring procedure includes the following:

- Diffusive passive samplers are deployed at 12 locations for a sampling period of 14 days. Sampling is conducted in accordance with the Project Operating Procedure (POP): *Diffusive Passive Sampler Handling: Field Deployment and Shipment*, provided as part of the Fenceline Air Monitoring Plan.
- The collected samples are analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) using thermal desorption/gas chromatograph (GC)/mass spectrometry (MS) techniques, in accordance with EPA Test Method 325B: *Volatile Organic Compounds from Fugitive and Area Sources: Sampler Preparation and Analysis*.
- Wind speed, wind direction, temperature, and barometric pressure (BP) data is sourced from a nearby weather station at Portland International Jetport (PWM) for the sampling period to: provide data to the analytical laboratory to enable calculation of concentrations under field conditions; create wind roses for each sampling period; and determine the prevailing wind speed and wind direction during periods of elevated concentrations.

Fenceline Monitoring Summary

The fenceline air monitoring samples were collected approximately every 14 days between June 26, 2025, and September 18, 2025, and were shipped to Eurofins analytical laboratory for BTEX analysis. The following tables, figure, and attachments include the summaries and results from the reporting period:

- **Table 1:** Fenceline Air Monitoring Sampling Period Summary
- **Table 2:** Passive Sampler Location Coordinates
- **Figure 1:** Site Map Identifying Sampling Locations
- **Attachment 1:** Quarterly Results Summary
- **Attachment 2:** Sample Event Wind Roses and Field Observations
- **Attachment 3:** Analytical Reports

Table 1: Fenceline Air Monitoring Sampling Period Summary

Sample Period	Sample Duration (Days)	Wind Conditions	Average Temperature and Barometric Pressure	Comments
6/26/2025 – 7/10/2025	14	Calm 17.3% or predominately from the S/W and 2-15 mph	68.9°F & 29.97 “Hg	NA
7/10/2025 – 7/24/2025	14	Calm 13.5% or predominately from the S and 2-20+ mph	68.9°F & 30.00 “Hg	NA
7/24/2025 – 8/7/2025	14	Calm 23.2% or predominately from the S-SSW and 2-20 mph	72.0°F & 30.00 “Hg	NA
8/7/2025 – 8/21/2025	14	Calm 30.9% or predominately from the S and 2-20+ mph	69.7°F & 30.11 “Hg	NA
8/21/2025 – 9/4/2025	14	Calm 21.6% or predominately from the S/W and 2-20 mph	64.7°F & 29.99 “Hg	NA
9/4/2025 – 9/18/2025	14	Calm 25.0% or predominately from the S and 2-20 mph	61.4°F & 30.11 “Hg	NA

Definitions:

Calm – wind speeds less than 2.0 mph
°F – degrees Fahrenheit
“Hg – inches mercury
mph – miles per hour
NA – not applicable, no notable comments

Notes:

NA

Figure 1: Site Map Identifying Sampling Locations

Table 2: Passive Sampler Location Coordinates

Passive Sampler Identification	Latitude	Longitude
PS-1	43.6529556	-70.2370750
PS-2	43.6523972	-70.2364639
PS-3	43.6517472	-70.2364056
PS-4	43.6512556	-70.2370750
PS-5	43.6507889	-70.2376167
PS-6	43.6503278	-70.2381444
PS-7	43.6503222	-70.2389833
PS-8	43.6509167	-70.2395694
PS-9	43.6516690	-70.2402920
PS-10	43.6525639	-70.2397333
PS-11	43.6523833	-70.2385750
PS-12	43.6526889	-70.2380639

Definitions:

PS – Passive Sampler

Attachment 1: Quarterly Results Summary

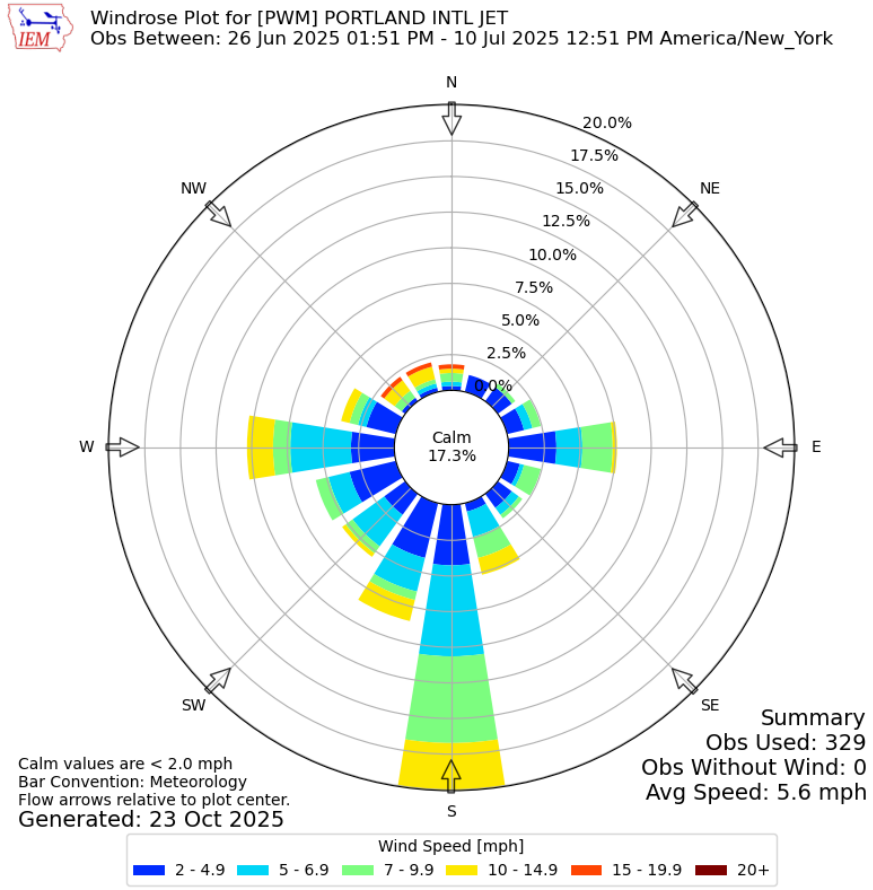
	Benzene ug/m3		Ethylbenzene ug/m3		m&p-Xylene ug/m3		o-Xylene ug/m3		Toluene ug/m3	
Sample Code	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
PS-01-SA-20250710	2.4		1.5		5.0		1.8		14	
PS-02-SA-20250710	2.0		1.7		6.3		2.1		8.8	
PS-03-SA-20250710	1.0		0.62		2.0		0.73		4.0	
PS-03-DU-20250710	1.0		0.60		2.0		0.71		3.9	
PS-04-SA-20250710	1.1		0.70		2.3		0.81		4.3	
PS-05-SA-20250710	0.88		0.57		1.8		0.68		3.6	
PS-06-SA-20250710	0.71		0.45	J	1.4		0.54	ND	2.9	
PS-07-SA-20250710	0.72		0.36	J	1.2		0.45	J	2.7	
PS-07-FB-20250710	< 0.19	ND	< 0.27	ND	< 0.27	ND	< 0.27	ND	< 0.24	ND
PS-08-SA-20250710	2.0		1.1		3.6		1.3		9.3	
PS-09-SA-20250710	0.80		0.42	J	1.3		0.48	J	2.7	
PS-10-SA-20250710	0.88		0.50	J	1.6		0.62		3.4	
PS-11-SA-20250710	2.4		1.2		4.0		1.5		10	
PS-12-SA-20250710	2.8		1.5		5.1		1.9		15	
PS-01-SA-20250724	4.0		1.8		6.0		2.2		14	
PS-02-SA-20250724	1.7		1.3		4.4		1.5		6.4	
PS-02-DU-20250724	1.7		1.3		4.5		1.6		6.3	
PS-03-SA-20250724	1.3		0.82		2.8		1.0		4.7	
PS-04-SA-20250724	0.97		0.58		1.9		0.70		3.3	
PS-05-SA-20250724	1.0		0.64		2.1		0.79		4.0	
PS-06-SA-20250724	1.0		0.72		2.4		0.91		4.6	
PS-07-SA-20250724	0.89		0.57		1.8		0.68		3.3	
PS-08-SA-20250724	2.0		1.3		4.1		1.6		8.8	
PS-09-SA-20250724	0.93		0.84		3.0		1.2		4.0	
PS-10-SA-20250724	1.0		0.50	J	1.6		0.62		3.3	
PS-10-FB-20250724	< 0.19	ND	< 0.27	ND	< 0.27	ND	< 0.27	ND	< 0.24	ND
PS-11-SA-20250724	2.0		0.97		3.2		1.2		7.3	
PS-12-SA-20250724	4.1		1.9		6.3		2.4		18	
PS-01-SA-20250807	2.8		0.98		3.2		1.2		6.7	
PS-02-SA-20250807	2.8		2.0		7.5		2.6		8.6	
PS-03-SA-20250807	1.5		0.71		2.4		0.83		3.8	
PS-04-SA-20250807	2.3		1.1		3.9		1.4		5.9	
PS-04-DU-SA-20250807	2.4		1.2		4.5		1.6		6.1	
PS-05-SA-20250807	1.7		0.78		2.6		0.97		4.0	
PS-05-FB-20250807	< 0.19	ND	< 0.27	ND	< 0.27	ND	< 0.27	ND	< 0.24	ND
PS-06-SA-20250807	1.6		0.62		2.0		0.75		3.5	
PS-07-SA-20250807	1.7		0.61		1.9		0.71		4.0	
PS-08-SA-20250807	2.5		1.2		4.0		1.4		7.2	
PS-09-SA-20250807	1.2		0.47	J	1.5		0.56		2.5	
PS-10-SA-20250807	1.4		0.46	J	1.4		0.53	J	2.8	
PS-11-SA-20250807	2.0		0.82		2.7		0.99		4.8	
PS-12-SA-20250807	3.2		0.99		3.2		1.2		7.3	
PS-01-SA-20250821	3.1		1.5		5.4		1.8		8.8	
PS-02-SA-20250821	2.2		1.8		6.8		2.3		7.3	
PS-03-SA-20250821	0.95		0.63		2.1		0.72		2.9	
PS-04-SA-20250821	1.8		1.6		6.5		2.1		6.3	
PS-05-SA-20250821	1.0		0.76		2.7		0.90		3.4	
PS-06-SA-20250821	0.81		0.54		1.8		0.64		2.6	
PS-07-SA-20250821	0.83		0.44	J	1.4		0.51	J	2.5	
PS-08-SA-20250821	1.8		1.1		3.9		1.4		6.6	
PS-08-DU-20250821	1.8		1.1		3.9		1.4		6.3	
PS-09-SA-20250821	2.4		0.75		2.3		0.79		7.0	
PS-09-FB-20250821	< 0.19	ND	< 0.27	ND	< 0.27	ND	< 0.27	ND	< 0.24	ND
PS-10-SA-20250821	4.9		1.4		4.4		1.5		15	
PS-11-SA-20250821	1.7		1.0		3.7		1.3		5.5	
PS-12-SA-20250821	2.8		1.2		4.3		1.5		7.8	
PS-01-SA-20250904	4.2		2.0		7.3		2.5		12	
PS-02-SA-20250904	2.9		2.2		8.4		2.8		9.2	
PS-03-SA-20250904	1.2		0.65		2.3		0.82		3.5	
PS-03-DU-SA-20250904	1.1		0.66		2.3		0.84		3.4	
PS-04-SA-20250904	1.4		0.86		3.1		1.1		4.6	
PS-05-SA-20250904	1.1		0.57		1.9		0.69		3.6	
PS-05-FB-SA-20250904	< 0.19	ND	< 0.27	ND	< 0.27	ND	< 0.27	ND	< 0.24	ND
PS-06-SA-20250904	0.73		0.42	J	1.4		0.52	J	2.3	
PS-07-SA-20250904	0.79		0.42	J	1.3		0.50	J	2.3	
PS-08-SA-20250904	1.3		0.66		2.2		0.83		4.0	
PS-09-SA-20250904	1.7		0.67		2.1		0.76		5.6	
PS-10-SA-20250904	9.8		3.3		9.7		3.4		35	

	Benzene ug/m3		Ethylbenzene ug/m3		m&p-Xylene ug/m3		o-Xylene ug/m3		Toluene ug/m3	
Sample Code	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
PS-11-SA-20250904	1.7		0.81		2.7		0.97		5.1	
PS-12-SA-20250904	2.8		1.2		3.9		1.5		7.5	
PS-01-SA-20250918	3.8		1.5		5.3		1.9		9.7	
PS-02-SA-20250918	1.9		1.4		5.3		1.8		6.0	
PS-03-SA-20250918	1.0		0.53	J	1.9		0.65		2.7	
PS-04-SA-20250918	1.8		1.1		4.4		1.5		5.4	
PS-04-DU-20250918	1.8		1.1		4.1		1.4		5.3	
PS-05-SA-20250918	1.2		0.53	J	1.8		0.65		3.0	
PS-06-SA-20250918	1.0		0.42	J	1.4		0.52	J	2.5	
PS-07-SA-20250918	1.1		0.42	J	1.3		0.49	J	2.7	
PS-08-SA-20250918	2.0		0.94		3.1		1.2		6.1	
PS-09-SA-20250918	0.93		0.33	J	1.1		0.39	J	2.2	
PS-10-SA-20250918	1.1		0.45	J	1.4		0.53	J	2.7	
PS-11-SA-20250918	2.6		0.96		3.2		1.2		6.0	
PS-12-SA-20250918	3.6		1.3		4.5		1.6		9.2	
PS-12-FB-SA-20250918	< 0.19	ND	< 0.27	ND	< 0.27	ND	< 0.27	ND	< 0.24	ND
Summary Statistics	Benzene ug/m3		Ethylbenzene ug/m3		m&p-Xylene ug/m3		o-Xylene ug/m3		Toluene ug/m3	
Quarterly Maximum	9.8		3.3		9.7		3.4		35	
Quarterly Average	1.9		0.97		3.3		1.2		6.3	
Rolling Annual Maximum	9.8		3.3		9.7		3.4		35	
Rolling Annual Average	1.2		0.61		2		0.74		3.6	

Quarterly (6/26/25-9/18/25)
Rolling annual (10/3/24-9/18/25)
J: Estimated value. The analyte was detected between the method detection limit and the reporting limit
ND: That analyte was not present above the method detection level
P: Field duplicate(s) exceed 30% RPD
PC: Field duplicate(s) exceed 30% RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit
PS: Passive Sampler
SA: Routine Sample
FB: Field Blank
DU: Duplicate

Attachment 2: Sample Event Wind Roses and Field Observations

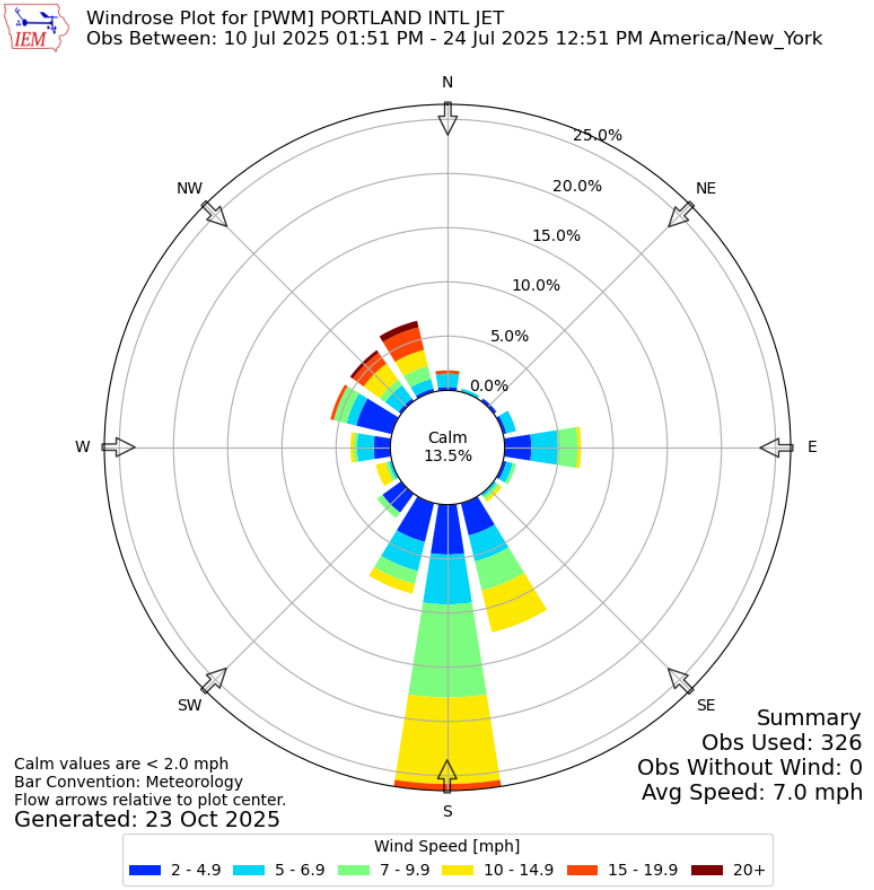
Sample Period: 6/26/2025 – 7/10/2025



Field Observations:

- During the sample deployment and sample collection, AECOM did not identify any offsite activities that may have impacted the sample results.

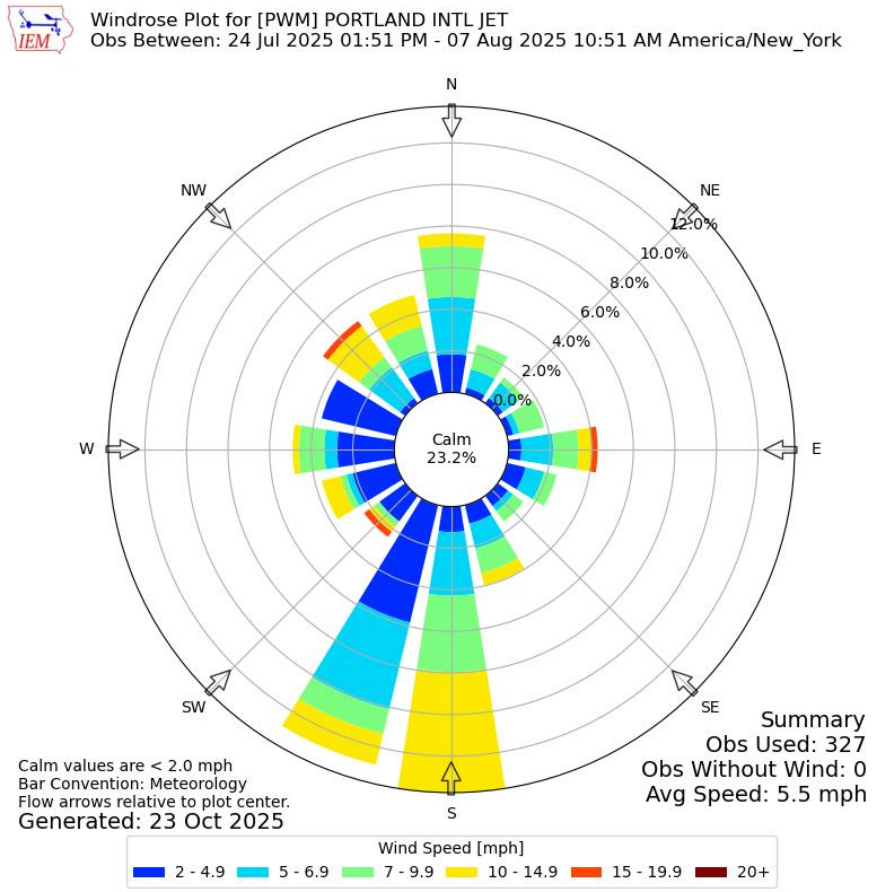
Sample Period: 7/10/2025 – 7/24/2025



Field Observations:

- During the sample deployment and sample collection, AECOM did not identify any offsite activities that may have impacted the sample results.

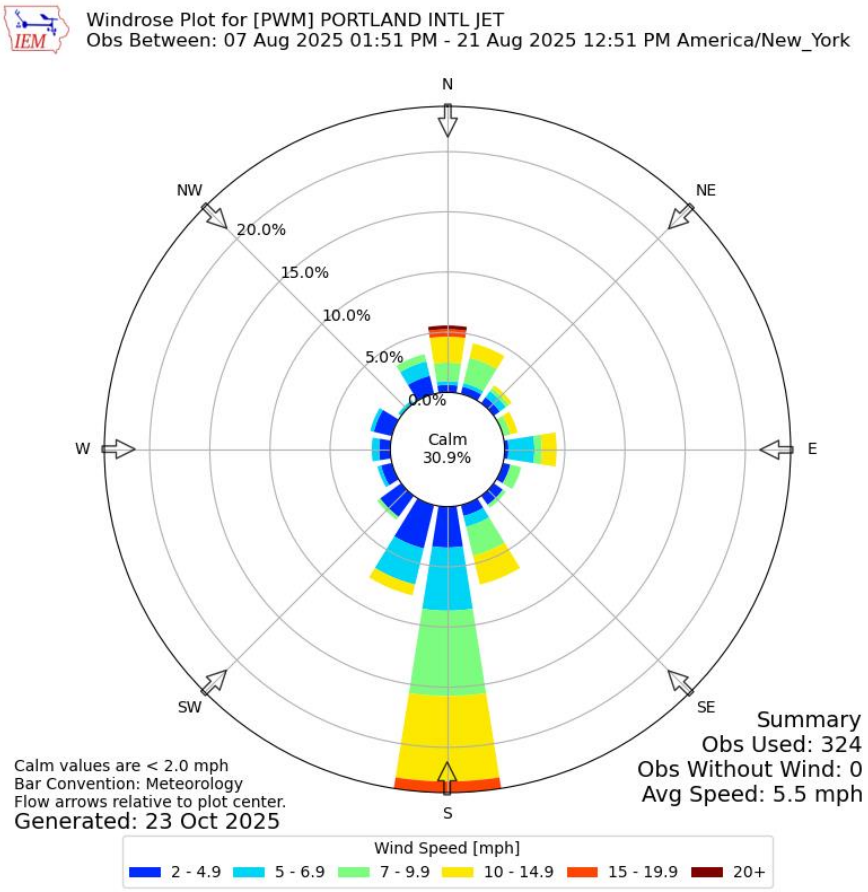
Sample Period: 7/24/2025 – 8/7/2025



Field Observations:

- During the sample deployment and sample collection, AECOM did not identify any offsite activities that may have impacted the sample results.

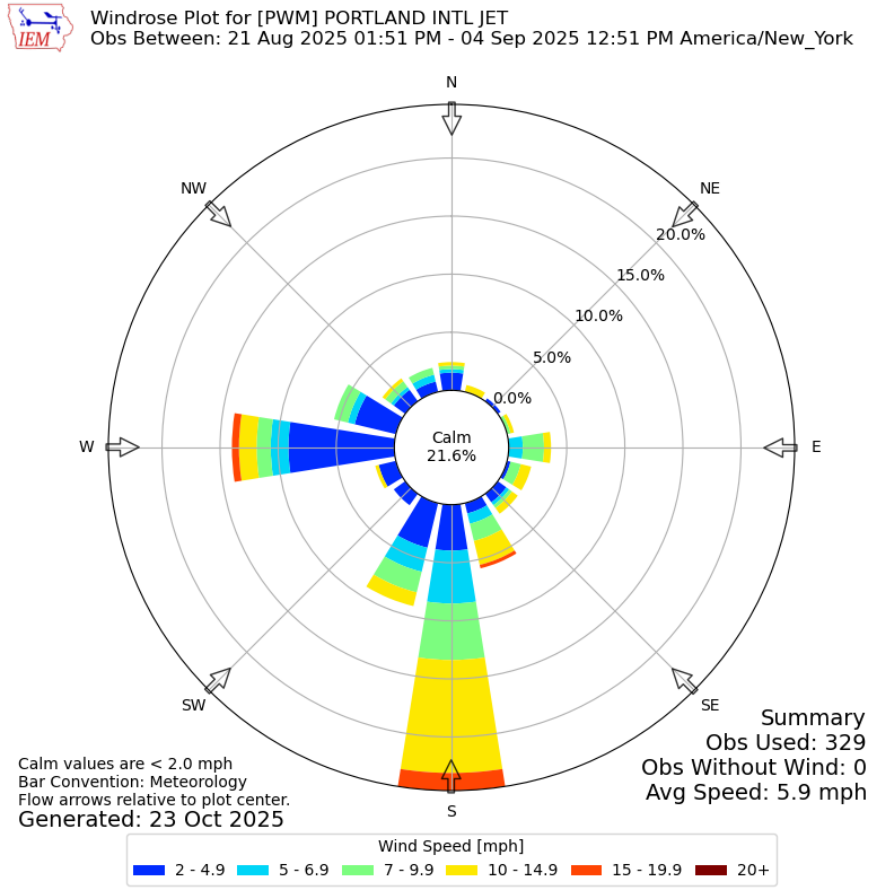
Sample Period: 8/7/2025 – 8/21/2025



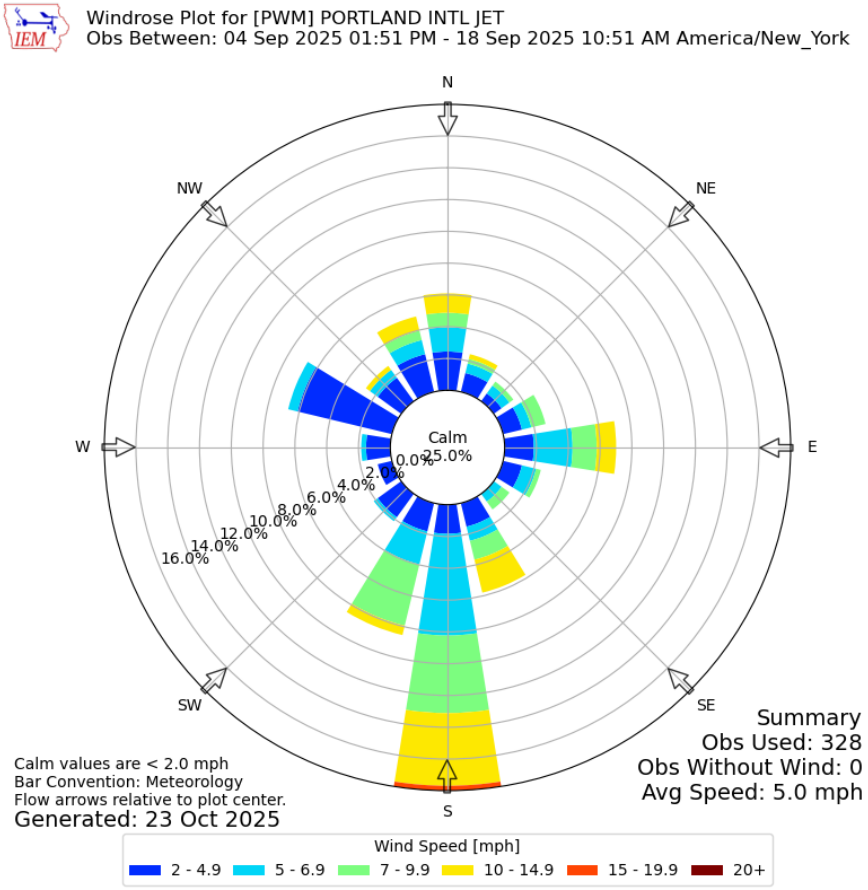
Field Observations:

- During the sample deployment and sample collection, AECOM did not identify any offsite activities that may have impacted the sample results.

Sample Period: 8/21/2025 – 9/4/2025



Sample Period: 9/4/2025 – 9/18/2025



Field Observations:

- During the sample deployment and sample collection, AECOM did not identify any offsite activities that may have impacted the sample results.

Field Observations:

- During the sample deployment and sample collection, AECOM did not identify any offsite activities that may have impacted the sample results.

Attachment 3: Analytical Reports

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Analytical Report

7/18/2025
Ms. Melissa McLaughlin
AECOM Environment
250 Apollo Drive

Chelmsford MA 01824

Project Name: Sunoco LP Fenceline
Project #: 60737155
Workorder #: 2507296

Dear Ms. Melissa McLaughlin

The following report includes the data for the above referenced project for sample(s) received on 7/11/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Shannon Eubank at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Shannon Eubank

Project Manager

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WORK ORDER #: 2507296

Work Order Summary

CLIENT:	Ms. Melissa McLaughlin AECOM Environment 250 Apollo Drive Chelmsford, MA 01824	**BILL TO:**	Accounts Payable Austin (non-Federal) AECOM PO Box 203970 Austin, TX 78720
PHONE:	978.905.2100	**P.O. #**	1680852 06.42
FAX:	978.905.2101	**PROJECT #**	60737155 Sunoco LP Fenceline
DATE RECEIVED:	07/11/2025	**CONTACT:**	Shannon Eubank
DATE COMPLETED:	07/18/2025		

FRACTION #	NAME	TEST
01A	PS-07-SA-20250710	EPA Method 325B
02A	PS-07-FB-20250710	EPA Method 325B
03A	PS-08-SA-20250710	EPA Method 325B
04A	PS-09-SA-20250710	EPA Method 325B
05A	PS-10-SA-20250710	EPA Method 325B
06A	PS-11-SA-20250710	EPA Method 325B
07A	PS-12-SA-20250710	EPA Method 325B
08A	PS-01-SA-20250710	EPA Method 325B
09A	PS-02-SA-20250710	EPA Method 325B
10A	PS-03-SA-20250710	EPA Method 325B
11A	PS-03-DU-20250710	EPA Method 325B
12A	PS-04-SA-20250710	EPA Method 325B
13A	PS-05-SA-20250710	EPA Method 325B
14A	PS-06-SA-20250710	EPA Method 325B
15A	Lab Blank	EPA Method 325B
15B	Lab Blank	EPA Method 325B
16A	CCV	EPA Method 325B
16B	CCV	EPA Method 325B
16C	CCV	EPA Method 325B

CERTIFIED BY: Heidi Hayes DATE: 07/18/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
ATM EPA 325B
AECOM Environment
Workorder# 2507296

Fourteen Carbopack X AC-PA samples were received on July 11, 2025. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following the required calculations in EPA Method 325B. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).

J - Estimated value - analyte detected between the Method Detection Limit and Reporting Limit.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the MDL value.

I - Internal Standard recovery outside acceptance limits

P - Field Duplicate(s) exceed 30%RPD

Pc- Field Duplicate(s) exceed 30%RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit.

Pl - Field Duplicate(s) exceed 30%RPD, lab anomaly noted.

L - Recovery of bracketing CCV(s) exceeded acceptance limits.

H - Sample analyzed outside of method hold time.

D - Sample duration outside 14+/-1 days

Fe - Field Error or discrepancy

Te - Tube Error or discrepancy

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-07-SA-20250710

Lab ID#: 2507296-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.72
Toluene	0.48	2.7
Ethyl Benzene	0.54	0.36 J
m,p-Xylene	0.54	1.2
o-Xylene	0.54	0.45 J

Client Sample ID: PS-07-FB-20250710

Lab ID#: 2507296-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

Client Sample ID: PS-08-SA-20250710

Lab ID#: 2507296-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	9.3
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.6
o-Xylene	0.54	1.3

Client Sample ID: PS-09-SA-20250710

Lab ID#: 2507296-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.80
Toluene	0.48	2.7

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-09-SA-20250710

Lab ID#: 2507296-04A

Ethyl Benzene	0.54	0.42 J
m,p-Xylene	0.54	1.3
o-Xylene	0.54	0.48 J

Client Sample ID: PS-10-SA-20250710

Lab ID#: 2507296-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.88
Toluene	0.48	3.4
Ethyl Benzene	0.54	0.50 J
m,p-Xylene	0.54	1.6
o-Xylene	0.54	0.62

Client Sample ID: PS-11-SA-20250710

Lab ID#: 2507296-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	10
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.0
o-Xylene	0.54	1.5

Client Sample ID: PS-12-SA-20250710

Lab ID#: 2507296-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	15
Ethyl Benzene	0.54	1.5
m,p-Xylene	0.54	5.1
o-Xylene	0.54	1.9

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-01-SA-20250710

Lab ID#: 2507296-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	14
Ethyl Benzene	0.54	1.5
m,p-Xylene	0.54	5.0
o-Xylene	0.54	1.8

Client Sample ID: PS-02-SA-20250710

Lab ID#: 2507296-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	8.8
Ethyl Benzene	0.54	1.7
m,p-Xylene	0.54	6.3
o-Xylene	0.54	2.1

Client Sample ID: PS-03-SA-20250710

Lab ID#: 2507296-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.62
m,p-Xylene	0.54	2.0
o-Xylene	0.54	0.73

Client Sample ID: PS-03-DU-20250710

Lab ID#: 2507296-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	3.9

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-03-DU-20250710

Lab ID#: 2507296-11A

Ethyl Benzene	0.54	0.60
m,p-Xylene	0.54	2.0
o-Xylene	0.54	0.71

Client Sample ID: PS-04-SA-20250710

Lab ID#: 2507296-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.1
Toluene	0.48	4.3
Ethyl Benzene	0.54	0.70
m,p-Xylene	0.54	2.3
o-Xylene	0.54	0.81

Client Sample ID: PS-05-SA-20250710

Lab ID#: 2507296-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.88
Toluene	0.48	3.6
Ethyl Benzene	0.54	0.57
m,p-Xylene	0.54	1.8
o-Xylene	0.54	0.68

Client Sample ID: PS-06-SA-20250710

Lab ID#: 2507296-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.71
Toluene	0.48	2.9
Ethyl Benzene	0.54	0.45 J
m,p-Xylene	0.54	1.4
o-Xylene	0.54	0.54

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Client Sample ID: PS-07-SA-20250710

Lab ID#: 2507296-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071530**	**Date of Collection: 7/10/25 12:00:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 12:13 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.72
Toluene	0.48	2.7
Ethyl Benzene	0.54	0.36 J
m,p-Xylene	0.54	1.2
o-Xylene	0.54	0.45 J

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-07-FB-20250710

Lab ID#: 2507296-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071529**	**Date of Collection: 7/10/25 12:00:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/15/25 11:42 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-08-SA-20250710

Lab ID#: 2507296-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071531**	**Date of Collection: 7/10/25 12:05:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 12:44 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	9.3
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.6
o-Xylene	0.54	1.3

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-09-SA-20250710

Lab ID#: 2507296-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071532**	**Date of Collection: 7/10/25 12:09:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 01:15 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.80
Toluene	0.48	2.7
Ethyl Benzene	0.54	0.42 J
m,p-Xylene	0.54	1.3
o-Xylene	0.54	0.48 J

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-10-SA-20250710

Lab ID#: 2507296-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071533**	**Date of Collection: 7/10/25 12:14:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 01:46 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.88
Toluene	0.48	3.4
Ethyl Benzene	0.54	0.50 J
m,p-Xylene	0.54	1.6
o-Xylene	0.54	0.62

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-11-SA-20250710

Lab ID#: 2507296-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071534**	**Date of Collection: 7/10/25 12:20:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 02:17 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	10
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.0
o-Xylene	0.54	1.5

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-12-SA-20250710

Lab ID#: 2507296-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071535**	**Date of Collection: 7/10/25 12:22:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 02:48 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	15
Ethyl Benzene	0.54	1.5
m,p-Xylene	0.54	5.1
o-Xylene	0.54	1.9

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-01-SA-20250710

Lab ID#: 2507296-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071536**	**Date of Collection: 7/10/25 12:27:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 03:19 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	14
Ethyl Benzene	0.54	1.5
m,p-Xylene	0.54	5.0
o-Xylene	0.54	1.8

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-02-SA-20250710

Lab ID#: 2507296-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071537**	**Date of Collection: 7/10/25 12:31:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 03:50 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	8.8
Ethyl Benzene	0.54	1.7
m,p-Xylene	0.54	6.3
o-Xylene	0.54	2.1

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-SA-20250710

Lab ID#: 2507296-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071539**	**Date of Collection: 7/10/25 12:37:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 04:48 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.62
m,p-Xylene	0.54	2.0
o-Xylene	0.54	0.73

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-DU-20250710

Lab ID#: 2507296-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071540**	**Date of Collection: 7/10/25 12:37:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 05:19 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	3.9
Ethyl Benzene	0.54	0.60
m,p-Xylene	0.54	2.0
o-Xylene	0.54	0.71

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-SA-20250710

Lab ID#: 2507296-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071541**	**Date of Collection: 7/10/25 12:43:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 05:50 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.1
Toluene	0.48	4.3
Ethyl Benzene	0.54	0.70
m,p-Xylene	0.54	2.3
o-Xylene	0.54	0.81

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-SA-20250710

Lab ID#: 2507296-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071542**	**Date of Collection: 7/10/25 12:48:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 06:21 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.88
Toluene	0.48	3.6
Ethyl Benzene	0.54	0.57
m,p-Xylene	0.54	1.8
o-Xylene	0.54	0.68

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-06-SA-20250710

Lab ID#: 2507296-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071543**	**Date of Collection: 7/10/25 12:52:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/16/25 06:52 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.71
Toluene	0.48	2.9
Ethyl Benzene	0.54	0.45 J
m,p-Xylene	0.54	1.4
o-Xylene	0.54	0.54

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: Lab Blank

Lab ID#: 2507296-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/15/25 10:35 AM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 2507296-15B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071527**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/15/25 10:41 PM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2507296-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071526**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/15/25 10:13 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	101
Toluene	101
Ethyl Benzene	103
m,p-Xylene	103
o-Xylene	100

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2507296-16B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071538**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/16/25 04:18 AM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	101
Toluene	97
Ethyl Benzene	99
m,p-Xylene	100
o-Xylene	99

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2507296-16C

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f071544**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/16/25 07:20 AM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	98
Toluene	98
Ethyl Benzene	98
m,p-Xylene	98
o-Xylene	96

Container Type: NA - Not Applicable

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Method : EPA Method 325B-BTEX (ug/m3) 14-day

CAS Number	Compound	Rpt. Limit (ug/m3)
71-43-2	Benzene	0.37
108-88-3	Toluene	0.48
100-41-4	Ethyl Benzene	0.54
108-38-3	m,p-Xylene	0.54
95-47-6	o-Xylene	0.54

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Analytical Report

8/4/2025
Ms. Melissa McLaughlin
AECOM Environment
250 Apollo Drive

Chelmsford MA 01824

Project Name: Sunoco LP Fenceline
Project #: 60737155
Workorder #: 2507780

Dear Ms. Melissa McLaughlin

The following report includes the data for the above referenced project for sample(s) received on 7/28/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Shannon Eubank at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Shannon Eubank

Project Manager

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WORK ORDER #: 2507780

Work Order Summary

CLIENT:	Ms. Melissa McLaughlin AECOM Environment 250 Apollo Drive Chelmsford, MA 01824	**BILL TO:**	Accounts Payable Austin (non-Federal) AECOM PO Box 203970 Austin, TX 78720
PHONE:	978.905.2100	**P.O. #**	1680852 06.42
FAX:	978.905.2101	**PROJECT #**	60737155 Sunoco LP Fenceline
DATE RECEIVED:	07/28/2025	**CONTACT:**	Shannon Eubank
DATE COMPLETED:	08/04/2025		

FRACTION #	NAME	TEST
01A	PS-07-SA-20250724	EPA Method 325B
02A	PS-08-SA-20250724	EPA Method 325B
03A	PS-09-SA-20250724	EPA Method 325B
04A	PS-10-SA-20250724	EPA Method 325B
05A	PS-10-FB-20250724	EPA Method 325B
06A	PS-11-SA-20250724	EPA Method 325B
07A	PS-12-SA-20250724	EPA Method 325B
08A	PS-01-SA-20250724	EPA Method 325B
09A	PS-02-SA-20250724	EPA Method 325B
10A	PS-02-DU-20250724	EPA Method 325B
11A	PS-03-SA-20250724	EPA Method 325B
12A	PS-04-SA-20250724	EPA Method 325B
13A	PS-05-SA-20250724	EPA Method 325B
14A	PS-06-SA-20250724	EPA Method 325B
15A	Lab Blank	EPA Method 325B
16A	CCV	EPA Method 325B
16B	CCV	EPA Method 325B

CERTIFIED BY: Heidi Hayes DATE: 08/04/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
ATM EPA 325B
AECOM Environment
Workorder# 2507780

Fourteen Carbopack X AC-PA samples were received on July 28, 2025. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following the required calculations in EPA Method 325B. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).
J - Estimated value - analyte detected between the Method Detection Limit and Reporting Limit.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the MDL value.
I - Internal Standard recovery outside acceptance limits
P - Field Duplicate(s) exceed 30%RPD
Pc- Field Duplicate(s) exceed 30%RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit.
Pl - Field Duplicate(s) exceed 30%RPD, lab anomaly noted.
L - Recovery of bracketing CCV(s) exceeded acceptance limits.
H - Sample analyzed outside of method hold time.
D - Sample duration outside 14+/-1 days
Fe - Field Error or discrepancy
Te - Tube Error or discrepancy
CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-07-SA-20250724

Lab ID#: 2507780-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.89
Toluene	0.48	3.3
Ethyl Benzene	0.54	0.57
m,p-Xylene	0.54	1.8
o-Xylene	0.54	0.68

Client Sample ID: PS-08-SA-20250724

Lab ID#: 2507780-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	8.8
Ethyl Benzene	0.54	1.3
m,p-Xylene	0.54	4.1
o-Xylene	0.54	1.6

Client Sample ID: PS-09-SA-20250724

Lab ID#: 2507780-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.93
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.84
m,p-Xylene	0.54	3.0
o-Xylene	0.54	1.2

Client Sample ID: PS-10-SA-20250724

Lab ID#: 2507780-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	3.3

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-10-SA-20250724

Lab ID#: 2507780-04A

Ethyl Benzene	0.54	0.50 J
m,p-Xylene	0.54	1.6
o-Xylene	0.54	0.62

Client Sample ID: PS-10-FB-20250724

Lab ID#: 2507780-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

Client Sample ID: PS-11-SA-20250724

Lab ID#: 2507780-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	7.3
Ethyl Benzene	0.54	0.97
m,p-Xylene	0.54	3.2
o-Xylene	0.54	1.2

Client Sample ID: PS-12-SA-20250724

Lab ID#: 2507780-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.1
Toluene	0.48	18
Ethyl Benzene	0.54	1.9
m,p-Xylene	0.54	6.3
o-Xylene	0.54	2.4

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-01-SA-20250724

Lab ID#: 2507780-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.0
Toluene	0.48	14
Ethyl Benzene	0.54	1.8
m,p-Xylene	0.54	6.0
o-Xylene	0.54	2.2

Client Sample ID: PS-02-SA-20250724

Lab ID#: 2507780-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	6.4
Ethyl Benzene	0.54	1.3
m,p-Xylene	0.54	4.4
o-Xylene	0.54	1.5

Client Sample ID: PS-02-DU-20250724

Lab ID#: 2507780-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	6.3
Ethyl Benzene	0.54	1.3
m,p-Xylene	0.54	4.5
o-Xylene	0.54	1.6

Client Sample ID: PS-03-SA-20250724

Lab ID#: 2507780-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.3
Toluene	0.48	4.7

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-03-SA-20250724

Lab ID#: 2507780-11A

Ethyl Benzene	0.54	0.82
m,p-Xylene	0.54	2.8
o-Xylene	0.54	1.0

Client Sample ID: PS-04-SA-20250724

Lab ID#: 2507780-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.97
Toluene	0.48	3.3
Ethyl Benzene	0.54	0.58
m,p-Xylene	0.54	1.9
o-Xylene	0.54	0.70

Client Sample ID: PS-05-SA-20250724

Lab ID#: 2507780-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.64
m,p-Xylene	0.54	2.1
o-Xylene	0.54	0.79

Client Sample ID: PS-06-SA-20250724

Lab ID#: 2507780-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	4.6
Ethyl Benzene	0.54	0.72
m,p-Xylene	0.54	2.4
o-Xylene	0.54	0.91

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Client Sample ID: PS-07-SA-20250724

Lab ID#: 2507780-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073106**	**Date of Collection: 7/24/25 11:53:00 AM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 01:13 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.89
Toluene	0.48	3.3
Ethyl Benzene	0.54	0.57
m,p-Xylene	0.54	1.8
o-Xylene	0.54	0.68

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-08-SA-20250724

Lab ID#: 2507780-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073107**	**Date of Collection: 7/24/25 11:57:00 AM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 01:42 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	8.8
Ethyl Benzene	0.54	1.3
m,p-Xylene	0.54	4.1
o-Xylene	0.54	1.6

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-09-SA-20250724

Lab ID#: 2507780-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073108**	**Date of Collection: 7/24/25 12:01:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 02:10 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.93
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.84
m,p-Xylene	0.54	3.0
o-Xylene	0.54	1.2

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-10-SA-20250724

Lab ID#: 2507780-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073109**	**Date of Collection: 7/24/25 12:04:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 02:39 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	3.3
Ethyl Benzene	0.54	0.50 J
m,p-Xylene	0.54	1.6
o-Xylene	0.54	0.62

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-10-FB-20250724

Lab ID#: 2507780-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073105**	**Date of Collection: 7/24/25 12:04:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 12:44 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-11-SA-20250724

Lab ID#: 2507780-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073110**	**Date of Collection: 7/24/25 12:09:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 03:08 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	7.3
Ethyl Benzene	0.54	0.97
m,p-Xylene	0.54	3.2
o-Xylene	0.54	1.2

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-12-SA-20250724

Lab ID#: 2507780-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073111**	**Date of Collection: 7/24/25 12:12:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 03:36 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.1
Toluene	0.48	18
Ethyl Benzene	0.54	1.9
m,p-Xylene	0.54	6.3
o-Xylene	0.54	2.4

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-01-SA-20250724

Lab ID#: 2507780-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073112**	**Date of Collection: 7/24/25 12:16:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 04:06 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.0
Toluene	0.48	14
Ethyl Benzene	0.54	1.8
m,p-Xylene	0.54	6.0
o-Xylene	0.54	2.2

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-02-SA-20250724

Lab ID#: 2507780-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073113**	**Date of Collection: 7/24/25 12:20:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 04:35 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	6.4
Ethyl Benzene	0.54	1.3
m,p-Xylene	0.54	4.4
o-Xylene	0.54	1.5

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-02-DU-20250724

Lab ID#: 2507780-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073114**	**Date of Collection: 7/24/25 12:20:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 05:05 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	6.3
Ethyl Benzene	0.54	1.3
m,p-Xylene	0.54	4.5
o-Xylene	0.54	1.6

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-SA-20250724

Lab ID#: 2507780-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073116**	**Date of Collection: 7/24/25 12:26:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 06:05 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.3
Toluene	0.48	4.7
Ethyl Benzene	0.54	0.82
m,p-Xylene	0.54	2.8
o-Xylene	0.54	1.0

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-SA-20250724

Lab ID#: 2507780-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073117**	**Date of Collection: 7/24/25 12:31:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 06:35 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.97
Toluene	0.48	3.3
Ethyl Benzene	0.54	0.58
m,p-Xylene	0.54	1.9
o-Xylene	0.54	0.70

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-SA-20250724

Lab ID#: 2507780-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073118**	**Date of Collection: 7/24/25 12:39:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 07:04 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.64
m,p-Xylene	0.54	2.1
o-Xylene	0.54	0.79

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-06-SA-20250724

Lab ID#: 2507780-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073119**	**Date of Collection: 7/24/25 12:43:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 7/31/25 07:33 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	4.6
Ethyl Benzene	0.54	0.72
m,p-Xylene	0.54	2.4
o-Xylene	0.54	0.91

Container Type: Carbopack X AC-PA

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Client Sample ID: Lab Blank

Lab ID#: 2507780-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073104**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/31/25 11:29 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2507780-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073115**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/31/25 05:35 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	94
Toluene	96
Ethyl Benzene	96
m,p-Xylene	98
o-Xylene	99

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2507780-16B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**10073126**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/31/25 10:53 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	96
Toluene	96
Ethyl Benzene	98
m,p-Xylene	98
o-Xylene	100

Container Type: NA - Not Applicable

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Method : EPA Method 325B-BTEX (ug/m3) 14-day

CAS Number	Compound	Rpt. Limit (ug/m3)
71-43-2	Benzene	0.37
108-88-3	Toluene	0.48
100-41-4	Ethyl Benzene	0.54
108-38-3	m,p-Xylene	0.54
95-47-6	o-Xylene	0.54

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Analytical Report

8/16/2025
Ms. Melissa McLaughlin
AECOM Environment
250 Apollo Drive

Chelmsford MA 01824

Project Name: Sunoco LP Fenceline
Project #: 60737155
Workorder #: 2508232

Dear Ms. Melissa McLaughlin

The following report includes the data for the above referenced project for sample(s) received on 8/9/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Shannon Eubank at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Shannon Eubank

Project Manager

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WORK ORDER #: 2508232

Work Order Summary

CLIENT:	Ms. Melissa McLaughlin AECOM Environment 250 Apollo Drive Chelmsford, MA 01824	**BILL TO:**	Accounts Payable Austin (non-Federal) AECOM PO Box 203970 Austin, TX 78720
PHONE:	978.905.2100	**P.O. #**	1680852 06.42
FAX:	978.905.2101	**PROJECT #**	60737155 Sunoco LP Fenceline
DATE RECEIVED:	08/09/2025	**CONTACT:**	Shannon Eubank
DATE COMPLETED:	08/16/2025		

FRACTION #	NAME	TEST
01A	PS-07-SA-20250807	EPA Method 325B
02A	PS-08-SA-20250807	EPA Method 325B
03A	PS-09-SA-20250807	EPA Method 325B
04A	PS-10-SA-20250807	EPA Method 325B
05A	PS-11-SA-20250807	EPA Method 325B
06A	PS-12-SA-20250807	EPA Method 325B
07A	PS-01-SA-20250807	EPA Method 325B
08A	PS-02-SA-20250807	EPA Method 325B
09A	PS-03-SA-20250807	EPA Method 325B
10A	PS-04-SA-20250807	EPA Method 325B
11A	PS-04-DU-SA-20250807	EPA Method 325B
12A	PS-05-SA-20250807	EPA Method 325B
13A	PS-05-FB-20250807	EPA Method 325B
14A	PS-06-SA-20250807	EPA Method 325B
15A	Lab Blank	EPA Method 325B
16A	CCV	EPA Method 325B
16B	CCV	EPA Method 325B

CERTIFIED BY: Heidi Hayes DATE: 08/16/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

LABORATORY NARRATIVE
ATM EPA 325B
AECOM Environment
Workorder# 2508232

Fourteen Carbopack X AC-PA samples were received on August 09, 2025. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following the required calculations in EPA Method 325B. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).

J - Estimated value - analyte detected between the Method Detection Limit and Reporting Limit.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the MDL value.

I - Internal Standard recovery outside acceptance limits

P - Field Duplicate(s) exceed 30%RPD

Pc- Field Duplicate(s) exceed 30%RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit.

Pl - Field Duplicate(s) exceed 30%RPD, lab anomaly noted.

L - Recovery of bracketing CCV(s) exceeded acceptance limits.

H - Sample analyzed outside of method hold time.

D - Sample duration outside 14+/-1 days

Fe - Field Error or discrepancy

Te - Tube Error or discrepancy

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-07-SA-20250807

Lab ID#: 2508232-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.61
m,p-Xylene	0.54	1.9
o-Xylene	0.54	0.71

Client Sample ID: PS-08-SA-20250807

Lab ID#: 2508232-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.5
Toluene	0.48	7.2
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.0
o-Xylene	0.54	1.4

Client Sample ID: PS-09-SA-20250807

Lab ID#: 2508232-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.2
Toluene	0.48	2.5
Ethyl Benzene	0.54	0.47 J
m,p-Xylene	0.54	1.5
o-Xylene	0.54	0.56

Client Sample ID: PS-10-SA-20250807

Lab ID#: 2508232-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.4
Toluene	0.48	2.8

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-10-SA-20250807

Lab ID#: 2508232-04A

Ethyl Benzene	0.54	0.46 J
m,p-Xylene	0.54	1.4
o-Xylene	0.54	0.53 J

Client Sample ID: PS-11-SA-20250807

Lab ID#: 2508232-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	4.8
Ethyl Benzene	0.54	0.82
m,p-Xylene	0.54	2.7
o-Xylene	0.54	0.99

Client Sample ID: PS-12-SA-20250807

Lab ID#: 2508232-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	3.2
Toluene	0.48	7.3
Ethyl Benzene	0.54	0.99
m,p-Xylene	0.54	3.2
o-Xylene	0.54	1.2

Client Sample ID: PS-01-SA-20250807

Lab ID#: 2508232-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	6.7
Ethyl Benzene	0.54	0.98
m,p-Xylene	0.54	3.2
o-Xylene	0.54	1.2

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-02-SA-20250807

Lab ID#: 2508232-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	8.6
Ethyl Benzene	0.54	2.0
m,p-Xylene	0.54	7.5
o-Xylene	0.54	2.6

Client Sample ID: PS-03-SA-20250807

Lab ID#: 2508232-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.5
Toluene	0.48	3.8
Ethyl Benzene	0.54	0.71
m,p-Xylene	0.54	2.4
o-Xylene	0.54	0.83

Client Sample ID: PS-04-SA-20250807

Lab ID#: 2508232-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.3
Toluene	0.48	5.9
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.9
o-Xylene	0.54	1.4

Client Sample ID: PS-04-DU-SA-20250807

Lab ID#: 2508232-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	6.1

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-04-DU-SA-20250807

Lab ID#: 2508232-11A

Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.5
o-Xylene	0.54	1.6

Client Sample ID: PS-05-SA-20250807

Lab ID#: 2508232-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.78
m,p-Xylene	0.54	2.6
o-Xylene	0.54	0.97

Client Sample ID: PS-05-FB-20250807

Lab ID#: 2508232-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

Client Sample ID: PS-06-SA-20250807

Lab ID#: 2508232-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.6
Toluene	0.48	3.5
Ethyl Benzene	0.54	0.62
m,p-Xylene	0.54	2.0
o-Xylene	0.54	0.75

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Client Sample ID: PS-07-SA-20250807

Lab ID#: 2508232-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081306**	**Date of Collection: 8/7/25 9:07:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 12:08 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.61
m,p-Xylene	0.54	1.9
o-Xylene	0.54	0.71

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-08-SA-20250807

Lab ID#: 2508232-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081307**	**Date of Collection: 8/7/25 9:12:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 12:38 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.5
Toluene	0.48	7.2
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.0
o-Xylene	0.54	1.4

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-09-SA-20250807

Lab ID#: 2508232-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081308**	**Date of Collection: 8/7/25 9:18:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 01:09 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.2
Toluene	0.48	2.5
Ethyl Benzene	0.54	0.47 J
m,p-Xylene	0.54	1.5
o-Xylene	0.54	0.56

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-10-SA-20250807

Lab ID#: 2508232-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081309**	**Date of Collection: 8/7/25 9:24:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 01:40 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.4
Toluene	0.48	2.8
Ethyl Benzene	0.54	0.46 J
m,p-Xylene	0.54	1.4
o-Xylene	0.54	0.53 J

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-11-SA-20250807

Lab ID#: 2508232-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081310**	**Date of Collection: 8/7/25 9:28:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 02:11 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.0
Toluene	0.48	4.8
Ethyl Benzene	0.54	0.82
m,p-Xylene	0.54	2.7
o-Xylene	0.54	0.99

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-12-SA-20250807

Lab ID#: 2508232-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081311**	**Date of Collection: 8/7/25 9:32:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 02:42 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	3.2
Toluene	0.48	7.3
Ethyl Benzene	0.54	0.99
m,p-Xylene	0.54	3.2
o-Xylene	0.54	1.2

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-01-SA-20250807

Lab ID#: 2508232-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081312**	**Date of Collection: 8/7/25 9:36:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 03:13 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	6.7
Ethyl Benzene	0.54	0.98
m,p-Xylene	0.54	3.2
o-Xylene	0.54	1.2

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-02-SA-20250807

Lab ID#: 2508232-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081313**	**Date of Collection: 8/7/25 9:40:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 03:44 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	8.6
Ethyl Benzene	0.54	2.0
m,p-Xylene	0.54	7.5
o-Xylene	0.54	2.6

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-SA-20250807

Lab ID#: 2508232-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081314**	**Date of Collection: 8/7/25 9:44:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 04:15 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.5
Toluene	0.48	3.8
Ethyl Benzene	0.54	0.71
m,p-Xylene	0.54	2.4
o-Xylene	0.54	0.83

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-SA-20250807

Lab ID#: 2508232-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081316**	**Date of Collection: 8/7/25 9:51:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 05:15 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.3
Toluene	0.48	5.9
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.9
o-Xylene	0.54	1.4

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-DU-SA-20250807

Lab ID#: 2508232-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081317**	**Date of Collection: 8/7/25 9:51:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 05:46 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	6.1
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.5
o-Xylene	0.54	1.6

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-SA-20250807

Lab ID#: 2508232-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081318**	**Date of Collection: 8/7/25 9:57:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 06:17 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	4.0
Ethyl Benzene	0.54	0.78
m,p-Xylene	0.54	2.6
o-Xylene	0.54	0.97

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-FB-20250807

Lab ID#: 2508232-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081305**	**Date of Collection: 8/7/25 9:57:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 11:37 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-06-SA-20250807

Lab ID#: 2508232-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081319**	**Date of Collection: 8/7/25 10:02:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 06:47 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.6
Toluene	0.48	3.5
Ethyl Benzene	0.54	0.62
m,p-Xylene	0.54	2.0
o-Xylene	0.54	0.75

Container Type: Carbopack X AC-PA

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Client Sample ID: Lab Blank

Lab ID#: 2508232-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 10:37 AM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2508232-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081315**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 04:44 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	94
Toluene	98
Ethyl Benzene	98
m,p-Xylene	99
o-Xylene	100

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2508232-16B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f081326**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/25 10:22 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	102
Toluene	108
Ethyl Benzene	111
m,p-Xylene	113
o-Xylene	113

Container Type: NA - Not Applicable

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Method : EPA Method 325B-BTEX (ug/m3) 14-day

CAS Number	Compound	Rpt. Limit (ug/m3)
71-43-2	Benzene	0.37
108-88-3	Toluene	0.48
100-41-4	Ethyl Benzene	0.54
108-38-3	m,p-Xylene	0.54
95-47-6	o-Xylene	0.54

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Analytical Report

8/30/2025
Ms. Melissa McLaughlin
AECOM Environment
250 Apollo Drive

Chelmsford MA 01824

Project Name: Sunoco LP Fenceline
Project #: 60737155
Workorder #: 2508599

Dear Ms. Melissa McLaughlin

The following report includes the data for the above referenced project for sample(s) received on 8/23/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Shannon Eubank at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Shannon Eubank

Project Manager

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WORK ORDER #: 2508599

Work Order Summary

CLIENT:	Ms. Melissa McLaughlin AECOM Environment 250 Apollo Drive Chelmsford, MA 01824	**BILL TO:**	Accounts Payable Austin (non-Federal) AECOM PO Box 203970 Austin, TX 78720
PHONE:	978.905.2100	**P.O. #**	1680852 06.42
FAX:	978.905.2101	**PROJECT #**	60737155 Sunoco LP Fenceline
DATE RECEIVED:	08/23/2025	**CONTACT:**	Shannon Eubank
DATE COMPLETED:	08/30/2025		

FRACTION #	NAME	TEST
01A	PS-07-SA-20250821	EPA Method 325B
02A	PS-08-SA-20250821	EPA Method 325B
03A	PS-08-DU-20250821	EPA Method 325B
04A	PS-09-SA-20250821	EPA Method 325B
05A	PS-09-FB-20250821	EPA Method 325B
06A	PS-10-SA-20250821	EPA Method 325B
07A	PS-11-SA-20250821	EPA Method 325B
08A	PS-12-SA-20250821	EPA Method 325B
09A	PS-01-SA-20250821	EPA Method 325B
10A	PS-02-SA-20250821	EPA Method 325B
11A	PS-03-SA-20250821	EPA Method 325B
12A	PS-04-SA-20250821	EPA Method 325B
13A	PS-05-SA-20250821	EPA Method 325B
14A	PS-06-SA-20250821	EPA Method 325B
15A	Lab Blank	EPA Method 325B
15B	Lab Blank	EPA Method 325B
16A	CCV	EPA Method 325B
16B	CCV	EPA Method 325B

CERTIFIED BY: Heidi Hayes DATE: 08/30/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
ATM EPA 325B
AECOM Environment
Workorder# 2508599

Fourteen Carbopack X AC-PA samples were received on August 23, 2025. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following the required calculations in EPA Method 325B. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).

J - Estimated value - analyte detected between the Method Detection Limit and Reporting Limit.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the MDL value.

I - Internal Standard recovery outside acceptance limits

P - Field Duplicate(s) exceed 30%RPD

Pc- Field Duplicate(s) exceed 30%RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit.

Pl - Field Duplicate(s) exceed 30%RPD, lab anomaly noted.

L - Recovery of bracketing CCV(s) exceeded acceptance limits.

H - Sample analyzed outside of method hold time.

D - Sample duration outside 14+/-1 days

Fe - Field Error or discrepancy

Te - Tube Error or discrepancy

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-07-SA-20250821

Lab ID#: 2508599-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.83
Toluene	0.48	2.5
Ethyl Benzene	0.54	0.44 J
m,p-Xylene	0.54	1.4
o-Xylene	0.54	0.51 J

Client Sample ID: PS-08-SA-20250821

Lab ID#: 2508599-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.8
Toluene	0.48	6.6
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.9
o-Xylene	0.54	1.4

Client Sample ID: PS-08-DU-20250821

Lab ID#: 2508599-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.8
Toluene	0.48	6.3
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.9
o-Xylene	0.54	1.4

Client Sample ID: PS-09-SA-20250821

Lab ID#: 2508599-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	7.0

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-09-SA-20250821

Lab ID#: 2508599-04A

Ethyl Benzene	0.54	0.75
m,p-Xylene	0.54	2.3
o-Xylene	0.54	0.79

Client Sample ID: PS-09-FB-20250821

Lab ID#: 2508599-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

Client Sample ID: PS-10-SA-20250821

Lab ID#: 2508599-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.9
Toluene	0.48	15
Ethyl Benzene	0.54	1.4
m,p-Xylene	0.54	4.4
o-Xylene	0.54	1.5

Client Sample ID: PS-11-SA-20250821

Lab ID#: 2508599-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	5.5
Ethyl Benzene	0.54	1.0
m,p-Xylene	0.54	3.7
o-Xylene	0.54	1.3

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-12-SA-20250821

Lab ID#: 2508599-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	7.8
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.3
o-Xylene	0.54	1.5

Client Sample ID: PS-01-SA-20250821

Lab ID#: 2508599-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	3.1
Toluene	0.48	8.8
Ethyl Benzene	0.54	1.5
m,p-Xylene	0.54	5.4
o-Xylene	0.54	1.8

Client Sample ID: PS-02-SA-20250821

Lab ID#: 2508599-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.2
Toluene	0.48	7.3
Ethyl Benzene	0.54	1.8
m,p-Xylene	0.54	6.8
o-Xylene	0.54	2.3

Client Sample ID: PS-03-SA-20250821

Lab ID#: 2508599-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.95
Toluene	0.48	2.9

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-03-SA-20250821

Lab ID#: 2508599-11A

Ethyl Benzene	0.54	0.63
m,p-Xylene	0.54	2.1
o-Xylene	0.54	0.72

Client Sample ID: PS-04-SA-20250821

Lab ID#: 2508599-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.8
Toluene	0.48	6.3
Ethyl Benzene	0.54	1.6
m,p-Xylene	0.54	6.5
o-Xylene	0.54	2.1

Client Sample ID: PS-05-SA-20250821

Lab ID#: 2508599-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	3.4
Ethyl Benzene	0.54	0.76
m,p-Xylene	0.54	2.7
o-Xylene	0.54	0.90

Client Sample ID: PS-06-SA-20250821

Lab ID#: 2508599-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.81
Toluene	0.48	2.6
Ethyl Benzene	0.54	0.54
m,p-Xylene	0.54	1.8
o-Xylene	0.54	0.64

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Client Sample ID: PS-07-SA-20250821

Lab ID#: 2508599-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082806**	**Date of Collection: 8/21/25 11:56:00 AM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 11:58 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.83
Toluene	0.48	2.5
Ethyl Benzene	0.54	0.44 J
m,p-Xylene	0.54	1.4
o-Xylene	0.54	0.51 J

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-08-SA-20250821

Lab ID#: 2508599-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082807**	**Date of Collection: 8/21/25 12:00:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 12:29 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.8
Toluene	0.48	6.6
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.9
o-Xylene	0.54	1.4

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-08-DU-20250821

Lab ID#: 2508599-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082808**	**Date of Collection: 8/21/25 12:00:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 12:59 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.8
Toluene	0.48	6.3
Ethyl Benzene	0.54	1.1
m,p-Xylene	0.54	3.9
o-Xylene	0.54	1.4

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-09-SA-20250821

Lab ID#: 2508599-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082809**	**Date of Collection: 8/21/25 12:05:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 01:30 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.4
Toluene	0.48	7.0
Ethyl Benzene	0.54	0.75
m,p-Xylene	0.54	2.3
o-Xylene	0.54	0.79

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-09-FB-20250821

Lab ID#: 2508599-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082805**	**Date of Collection: 8/21/25 12:05:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 11:27 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-10-SA-20250821

Lab ID#: 2508599-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082810**	**Date of Collection: 8/21/25 12:08:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 02:01 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.9
Toluene	0.48	15
Ethyl Benzene	0.54	1.4
m,p-Xylene	0.54	4.4
o-Xylene	0.54	1.5

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-11-SA-20250821

Lab ID#: 2508599-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082811**	**Date of Collection: 8/21/25 12:13:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 02:32 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	5.5
Ethyl Benzene	0.54	1.0
m,p-Xylene	0.54	3.7
o-Xylene	0.54	1.3

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-12-SA-20250821

Lab ID#: 2508599-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082812**	**Date of Collection: 8/21/25 12:16:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 03:03 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	7.8
Ethyl Benzene	0.54	1.2
m,p-Xylene	0.54	4.3
o-Xylene	0.54	1.5

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-01-SA-20250821

Lab ID#: 2508599-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082813**	**Date of Collection: 8/21/25 12:20:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 03:33 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	3.1
Toluene	0.48	8.8
Ethyl Benzene	0.54	1.5
m,p-Xylene	0.54	5.4
o-Xylene	0.54	1.8

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-02-SA-20250821

Lab ID#: 2508599-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082814**	**Date of Collection: 8/21/25 12:23:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 04:04 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.2
Toluene	0.48	7.3
Ethyl Benzene	0.54	1.8
m,p-Xylene	0.54	6.8
o-Xylene	0.54	2.3

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-SA-20250821

Lab ID#: 2508599-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082816**	**Date of Collection: 8/21/25 12:27:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 05:04 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.95
Toluene	0.48	2.9
Ethyl Benzene	0.54	0.63
m,p-Xylene	0.54	2.1
o-Xylene	0.54	0.72

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-SA-20250821

Lab ID#: 2508599-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082817**	**Date of Collection: 8/21/25 12:33:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 05:34 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.8
Toluene	0.48	6.3
Ethyl Benzene	0.54	1.6
m,p-Xylene	0.54	6.5
o-Xylene	0.54	2.1

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-SA-20250821

Lab ID#: 2508599-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082818**	**Date of Collection: 8/21/25 12:37:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 06:05 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.0
Toluene	0.48	3.4
Ethyl Benzene	0.54	0.76
m,p-Xylene	0.54	2.7
o-Xylene	0.54	0.90

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-06-SA-20250821

Lab ID#: 2508599-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082819**	**Date of Collection: 8/21/25 12:42:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 8/28/25 06:36 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.81
Toluene	0.48	2.6
Ethyl Benzene	0.54	0.54
m,p-Xylene	0.54	1.8
o-Xylene	0.54	0.64

Container Type: Carbopack X AC-PA

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Client Sample ID: Lab Blank

Lab ID#: 2508599-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/28/25 10:40 AM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 2508599-15B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082827**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/28/25 10:24 PM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2508599-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082815**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/28/25 04:33 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	101
Toluene	102
Ethyl Benzene	99
m,p-Xylene	102
o-Xylene	100

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2508599-16B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f082838**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/29/25 03:51 AM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	102
Toluene	105
Ethyl Benzene	106
m,p-Xylene	110
o-Xylene	109

Container Type: NA - Not Applicable

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Method : EPA Method 325B-BTEX (ug/m3) 14-day

CAS Number	Compound	Rpt. Limit (ug/m3)
71-43-2	Benzene	0.37
108-88-3	Toluene	0.48
100-41-4	Ethyl Benzene	0.54
108-38-3	m,p-Xylene	0.54
95-47-6	o-Xylene	0.54

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Analytical Report

9/12/2025
Ms. Melissa McLaughlin
AECOM Environment
250 Apollo Drive

Chelmsford MA 01824

Project Name: Sunoco LP Fenceline
Project #: 60737155
Workorder #: 2509143

Dear Ms. Melissa McLaughlin

The following report includes the data for the above referenced project for sample(s) received on 9/6/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Shannon Eubank at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Shannon Eubank

Project Manager

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WORK ORDER #: 2509143

Work Order Summary

CLIENT:	Ms. Melissa McLaughlin AECOM Environment 250 Apollo Drive Chelmsford, MA 01824	**BILL TO:**	Accounts Payable Austin (non-Federal) AECOM PO Box 203970 Austin, TX 78720
PHONE:	978.905.2100	**P.O. #**	1680852 06.42
FAX:	978.905.2101	**PROJECT #**	60737155 Sunoco LP Fenceline
DATE RECEIVED:	09/06/2025	**CONTACT:**	Shannon Eubank
DATE COMPLETED:	09/04/2025		

FRACTION #	NAME	TEST
01A	PS-07-SA-20250904	EPA Method 325B
02A	PS-08-SA-20250904	EPA Method 325B
03A	PS-09-SA-20250904	EPA Method 325B
04A	PS-10-SA-20250904	EPA Method 325B
05A	PS-11-SA-20250904	EPA Method 325B
06A	PS-12-SA-20250904	EPA Method 325B
07A	PS-01-SA-20250904	EPA Method 325B
08A	PS-02-SA-20250904	EPA Method 325B
09A	PS-03-SA-20250904	EPA Method 325B
10A	PS-03-DU-SA-20250904	EPA Method 325B
11A	PS-04-SA-20250904	EPA Method 325B
12A	PS-05-SA-20250904	EPA Method 325B
13A	PS-05-FB-SA-20250904	EPA Method 325B
14A	PS-06-SA-20250904	EPA Method 325B
15A	Lab Blank	EPA Method 325B
15B	Lab Blank	EPA Method 325B
16A	CCV	EPA Method 325B
16B	CCV	EPA Method 325B
16C	CCV	EPA Method 325B

CERTIFIED BY: Heidi Hayes DATE: 09/12/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

LABORATORY NARRATIVE
ATM EPA 325B
AECOM Environment
Workorder# 2509143

Fourteen Carbopack X AC-PA samples were received on September 06, 2025. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following the required calculations in EPA Method 325B. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).

J - Estimated value - analyte detected between the Method Detection Limit and Reporting Limit.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the MDL value.

I - Internal Standard recovery outside acceptance limits

P - Field Duplicate(s) exceed 30%RPD

Pc- Field Duplicate(s) exceed 30%RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit.

Pl - Field Duplicate(s) exceed 30%RPD, lab anomaly noted.

L - Recovery of bracketing CCV(s) exceeded acceptance limits.

H - Sample analyzed outside of method hold time.

D - Sample duration outside 14+/-1 days

Fe - Field Error or discrepancy

Te - Tube Error or discrepancy

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-07-SA-20250904

Lab ID#: 2509143-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.79
Toluene	0.48	2.3
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.3
o-Xylene	0.55	0.50 J

Client Sample ID: PS-08-SA-20250904

Lab ID#: 2509143-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.3
Toluene	0.48	4.0
Ethyl Benzene	0.55	0.66
m,p-Xylene	0.55	2.2
o-Xylene	0.55	0.83

Client Sample ID: PS-09-SA-20250904

Lab ID#: 2509143-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	5.6
Ethyl Benzene	0.55	0.67
m,p-Xylene	0.55	2.1
o-Xylene	0.55	0.76

Client Sample ID: PS-10-SA-20250904

Lab ID#: 2509143-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	9.8
Toluene	0.48	35

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-10-SA-20250904

Lab ID#: 2509143-04A

Ethyl Benzene	0.55	3.3
m,p-Xylene	0.55	9.7
o-Xylene	0.55	3.4

Client Sample ID: PS-11-SA-20250904

Lab ID#: 2509143-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	5.1
Ethyl Benzene	0.55	0.81
m,p-Xylene	0.55	2.7
o-Xylene	0.55	0.97

Client Sample ID: PS-12-SA-20250904

Lab ID#: 2509143-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	7.5
Ethyl Benzene	0.55	1.2
m,p-Xylene	0.55	3.9
o-Xylene	0.55	1.5

Client Sample ID: PS-01-SA-20250904

Lab ID#: 2509143-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.2
Toluene	0.48	12
Ethyl Benzene	0.55	2.0
m,p-Xylene	0.55	7.3
o-Xylene	0.55	2.5

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-02-SA-20250904

Lab ID#: 2509143-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.9
Toluene	0.48	9.2
Ethyl Benzene	0.55	2.2
m,p-Xylene	0.55	8.4
o-Xylene	0.55	2.8

Client Sample ID: PS-03-SA-20250904

Lab ID#: 2509143-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.2
Toluene	0.48	3.5
Ethyl Benzene	0.55	0.65
m,p-Xylene	0.55	2.3
o-Xylene	0.55	0.82

Client Sample ID: PS-03-DU-SA-20250904

Lab ID#: 2509143-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.1
Toluene	0.48	3.4
Ethyl Benzene	0.55	0.66
m,p-Xylene	0.55	2.3
o-Xylene	0.55	0.84

Client Sample ID: PS-04-SA-20250904

Lab ID#: 2509143-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.4
Toluene	0.48	4.6

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-04-SA-20250904

Lab ID#: 2509143-11A

Ethyl Benzene	0.55	0.86
m,p-Xylene	0.55	3.1
o-Xylene	0.55	1.1

Client Sample ID: PS-05-SA-20250904

Lab ID#: 2509143-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.1
Toluene	0.48	3.6
Ethyl Benzene	0.55	0.57
m,p-Xylene	0.55	1.9
o-Xylene	0.55	0.69

Client Sample ID: PS-05-FB-SA-20250904

Lab ID#: 2509143-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

Client Sample ID: PS-06-SA-20250904

Lab ID#: 2509143-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.73
Toluene	0.48	2.3
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.4
o-Xylene	0.55	0.52 J

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Client Sample ID: PS-07-SA-20250904

Lab ID#: 2509143-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091029**	**Date of Collection: 9/4/25 12:04:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/10/25 11:45 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.79
Toluene	0.48	2.3
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.3
o-Xylene	0.55	0.50 J

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-08-SA-20250904

Lab ID#: 2509143-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091030**	**Date of Collection: 9/4/25 12:07:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 12:16 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.3
Toluene	0.48	4.0
Ethyl Benzene	0.55	0.66
m,p-Xylene	0.55	2.2
o-Xylene	0.55	0.83

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-09-SA-20250904

Lab ID#: 2509143-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091031**	**Date of Collection: 9/4/25 12:10:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 12:47 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	5.6
Ethyl Benzene	0.55	0.67
m,p-Xylene	0.55	2.1
o-Xylene	0.55	0.76

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-10-SA-20250904

Lab ID#: 2509143-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091032**	**Date of Collection: 9/4/25 12:13:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 01:18 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	9.8
Toluene	0.48	35
Ethyl Benzene	0.55	3.3
m,p-Xylene	0.55	9.7
o-Xylene	0.55	3.4

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-11-SA-20250904

Lab ID#: 2509143-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091033**	**Date of Collection: 9/4/25 12:17:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 01:48 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.7
Toluene	0.48	5.1
Ethyl Benzene	0.55	0.81
m,p-Xylene	0.55	2.7
o-Xylene	0.55	0.97

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-12-SA-20250904

Lab ID#: 2509143-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091034**	**Date of Collection: 9/4/25 12:19:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 02:19 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.8
Toluene	0.48	7.5
Ethyl Benzene	0.55	1.2
m,p-Xylene	0.55	3.9
o-Xylene	0.55	1.5

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-01-SA-20250904

Lab ID#: 2509143-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091035**	**Date of Collection: 9/4/25 12:23:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 02:51 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	4.2
Toluene	0.48	12
Ethyl Benzene	0.55	2.0
m,p-Xylene	0.55	7.3
o-Xylene	0.55	2.5

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-02-SA-20250904

Lab ID#: 2509143-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091036**	**Date of Collection: 9/4/25 12:26:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 03:22 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	2.9
Toluene	0.48	9.2
Ethyl Benzene	0.55	2.2
m,p-Xylene	0.55	8.4
o-Xylene	0.55	2.8

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-03-SA-20250904

Lab ID#: 2509143-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091037**	**Date of Collection: 9/4/25 12:29:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 03:52 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.2
Toluene	0.48	3.5
Ethyl Benzene	0.55	0.65
m,p-Xylene	0.55	2.3
o-Xylene	0.55	0.82

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-DU-SA-20250904

Lab ID#: 2509143-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091039**	**Date of Collection: 9/4/25 12:29:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 04:51 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.1
Toluene	0.48	3.4
Ethyl Benzene	0.55	0.66
m,p-Xylene	0.55	2.3
o-Xylene	0.55	0.84

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-SA-20250904

Lab ID#: 2509143-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091040**	**Date of Collection: 9/4/25 12:35:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 05:21 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.4
Toluene	0.48	4.6
Ethyl Benzene	0.55	0.86
m,p-Xylene	0.55	3.1
o-Xylene	0.55	1.1

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-SA-20250904

Lab ID#: 2509143-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091041**	**Date of Collection: 9/4/25 12:40:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 05:52 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	1.1
Toluene	0.48	3.6
Ethyl Benzene	0.55	0.57
m,p-Xylene	0.55	1.9
o-Xylene	0.55	0.69

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-05-FB-SA-20250904

Lab ID#: 2509143-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091028**	**Date of Collection: 9/4/25 12:40:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/10/25 11:14 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.19 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-06-SA-20250904

Lab ID#: 2509143-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091042**	**Date of Collection: 9/4/25 12:43:00 PM**
Dil. Factor:	**1.01**	**Date of Analysis: 9/11/25 06:23 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.73
Toluene	0.48	2.3
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.4
o-Xylene	0.55	0.52 J

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: Lab Blank

Lab ID#: 2509143-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/25 10:47 AM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: Lab Blank

Lab ID#: 2509143-15B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091027**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/25 10:44 PM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2509143-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091026**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/25 10:16 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	93
Toluene	97
Ethyl Benzene	96
m,p-Xylene	96
o-Xylene	95

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2509143-16B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091038**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/11/25 04:20 AM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	97
Toluene	104
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	103

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2509143-16C

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f091043**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/11/25 06:51 AM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	99
Toluene	105
Ethyl Benzene	107
m,p-Xylene	108
o-Xylene	107

Container Type: NA - Not Applicable

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Method : EPA Method 325B-BTEX (ug/m3) 14-day

CAS Number	Compound	Rpt. Limit (ug/m3)
71-43-2	Benzene	0.37
108-88-3	Toluene	0.48
100-41-4	Ethyl Benzene	0.54
108-38-3	m,p-Xylene	0.54
95-47-6	o-Xylene	0.54

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Analytical Report

9/29/2025

Ms. Melissa McLaughlin
AECOM Environment
250 Apollo Drive

Chelmsford MA 01824

Project Name: Sunoco LP Fenceline
Project #: 60737155
Workorder #: 2509544

Dear Ms. Melissa McLaughlin

The following report includes the data for the above referenced project for sample(s) received on 9/20/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by EPA Method 325B are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Shannon Eubank at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Shannon Eubank

Project Manager

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WORK ORDER #: 2509544

Work Order Summary

CLIENT:	Ms. Melissa McLaughlin AECOM Environment 250 Apollo Drive Chelmsford, MA 01824	**BILL TO:**	Accounts Payable Austin (non-Federal) AECOM PO Box 203970 Austin, TX 78720
PHONE:	978.905.2100	**P.O. #**	1680852 06.42
FAX:	978.905.2101	**PROJECT #**	60737155 Sunoco LP Fenceline
DATE RECEIVED:	09/20/2025	**CONTACT:**	Shannon Eubank
DATE COMPLETED:	09/29/2025		

FRACTION #	NAME	TEST
01A	PS-07-SA-20250918	EPA Method 325B
02A	PS-08-SA-20250918	EPA Method 325B
03A	PS-09-SA-20250918	EPA Method 325B
04A	PS-10-SA-20250918	EPA Method 325B
05A	PS-11-SA-20250918	EPA Method 325B
06A	PS-12-SA-20250918	EPA Method 325B
07A	PS-12-FB-SA-20250918	EPA Method 325B
08A	PS-01-SA-20250918	EPA Method 325B
09A	PS-02-SA-20250918	EPA Method 325B
10A	PS-03-SA-20250918	EPA Method 325B
11A	PS-04-SA-20250918	EPA Method 325B
12A	PS-04-DU-20250918	EPA Method 325B
13A	PS-05-SA-20250918	EPA Method 325B
14A	PS-06-SA-20250918	EPA Method 325B
15A	Lab Blank	EPA Method 325B
16A	CCV	EPA Method 325B
16B	CCV	EPA Method 325B

CERTIFIED BY: Heidi Hayes DATE: 09/29/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
ATM EPA 325B
AECOM Environment
Workorder# 2509544

Fourteen Carbopack X AC-PA samples were received on September 20, 2025. The laboratory performed the analysis via EPA Method 325B using GC/MS in the full scan mode.

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the uptake rate for each VOC. Uptake rates are adjusted for local conditions and concentrations are reported based on normal ambient temperature and pressure conditions (25 deg C and 760 mm Hg) following the required calculations in EPA Method 325B. These adjustments are reflected in the dilution factor.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

The following qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte (background subtraction not performed).

J - Estimated value - analyte detected between the Method Detection Limit and Reporting Limit.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the MDL value.

I - Internal Standard recovery outside acceptance limits

P - Field Duplicate(s) exceed 30%RPD

Pc- Field Duplicate(s) exceed 30%RPD, concentrations of sample and/or its duplicate less than 2 times reporting limit.

Pl - Field Duplicate(s) exceed 30%RPD, lab anomaly noted.

L - Recovery of bracketing CCV(s) exceeded acceptance limits.

H - Sample analyzed outside of method hold time.

D - Sample duration outside 14+/-1 days

Fe - Field Error or discrepancy

Te - Tube Error or discrepancy

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-07-SA-20250918

Lab ID#: 2509544-01A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.1
Toluene	0.49	2.7
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.3
o-Xylene	0.55	0.49 J

Client Sample ID: PS-08-SA-20250918

Lab ID#: 2509544-02A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	2.0
Toluene	0.49	6.1
Ethyl Benzene	0.55	0.94
m,p-Xylene	0.55	3.1
o-Xylene	0.55	1.2

Client Sample ID: PS-09-SA-20250918

Lab ID#: 2509544-03A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.93
Toluene	0.49	2.2
Ethyl Benzene	0.55	0.33 J
m,p-Xylene	0.55	1.1
o-Xylene	0.55	0.39 J

Client Sample ID: PS-10-SA-20250918

Lab ID#: 2509544-04A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.1
Toluene	0.49	2.7

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-10-SA-20250918

Lab ID#: 2509544-04A

Ethyl Benzene	0.55	0.45 J
m,p-Xylene	0.55	1.4
o-Xylene	0.55	0.53 J

Client Sample ID: PS-11-SA-20250918

Lab ID#: 2509544-05A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	2.6
Toluene	0.49	6.0
Ethyl Benzene	0.55	0.96
m,p-Xylene	0.55	3.2
o-Xylene	0.55	1.2

Client Sample ID: PS-12-SA-20250918

Lab ID#: 2509544-06A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	3.6
Toluene	0.49	9.2
Ethyl Benzene	0.55	1.3
m,p-Xylene	0.55	4.5
o-Xylene	0.55	1.6

Client Sample ID: PS-12-FB-SA-20250918

Lab ID#: 2509544-07A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.19 U
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-01-SA-20250918

Lab ID#: 2509544-08A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	3.8
Toluene	0.49	9.7
Ethyl Benzene	0.55	1.5
m,p-Xylene	0.55	5.3
o-Xylene	0.55	1.9

Client Sample ID: PS-02-SA-20250918

Lab ID#: 2509544-09A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.9
Toluene	0.49	6.0
Ethyl Benzene	0.55	1.4
m,p-Xylene	0.55	5.3
o-Xylene	0.55	1.8

Client Sample ID: PS-03-SA-20250918

Lab ID#: 2509544-10A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.0
Toluene	0.49	2.7
Ethyl Benzene	0.55	0.53 J
m,p-Xylene	0.55	1.9
o-Xylene	0.55	0.65

Client Sample ID: PS-04-SA-20250918

Lab ID#: 2509544-11A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.8
Toluene	0.49	5.4

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Summary of Detected Compounds
EPA METHOD 325B GC/MS FULL SCAN

Client Sample ID: PS-04-SA-20250918

Lab ID#: 2509544-11A

Ethyl Benzene	0.55	1.1
m,p-Xylene	0.55	4.4
o-Xylene	0.55	1.5

Client Sample ID: PS-04-DU-20250918

Lab ID#: 2509544-12A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.8
Toluene	0.49	5.3
Ethyl Benzene	0.55	1.1
m,p-Xylene	0.55	4.1
o-Xylene	0.55	1.4

Client Sample ID: PS-05-SA-20250918

Lab ID#: 2509544-13A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.2
Toluene	0.49	3.0
Ethyl Benzene	0.55	0.53 J
m,p-Xylene	0.55	1.8
o-Xylene	0.55	0.65

Client Sample ID: PS-06-SA-20250918

Lab ID#: 2509544-14A

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.0
Toluene	0.49	2.5
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.4
o-Xylene	0.55	0.52 J

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Client Sample ID: PS-07-SA-20250918

Lab ID#: 2509544-01A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092307**	**Date of Collection: 9/18/25 11:05:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 12:09 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.1
Toluene	0.49	2.7
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.3
o-Xylene	0.55	0.49 J

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-08-SA-20250918

Lab ID#: 2509544-02A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092308**	**Date of Collection: 9/18/25 11:09:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 12:39 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	2.0
Toluene	0.49	6.1
Ethyl Benzene	0.55	0.94
m,p-Xylene	0.55	3.1
o-Xylene	0.55	1.2

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-09-SA-20250918

Lab ID#: 2509544-03A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092309**	**Date of Collection: 9/18/25 11:14:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 01:10 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.93
Toluene	0.49	2.2
Ethyl Benzene	0.55	0.33 J
m,p-Xylene	0.55	1.1
o-Xylene	0.55	0.39 J

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-10-SA-20250918

Lab ID#: 2509544-04A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092310**	**Date of Collection: 9/18/25 11:20:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 01:41 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.1
Toluene	0.49	2.7
Ethyl Benzene	0.55	0.45 J
m,p-Xylene	0.55	1.4
o-Xylene	0.55	0.53 J

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-11-SA-20250918

Lab ID#: 2509544-05A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092311**	**Date of Collection: 9/18/25 11:24:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 02:12 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	2.6
Toluene	0.49	6.0
Ethyl Benzene	0.55	0.96
m,p-Xylene	0.55	3.2
o-Xylene	0.55	1.2

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-12-SA-20250918

Lab ID#: 2509544-06A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092312**	**Date of Collection: 9/18/25 11:28:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 02:43 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	3.6
Toluene	0.49	9.2
Ethyl Benzene	0.55	1.3
m,p-Xylene	0.55	4.5
o-Xylene	0.55	1.6

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-12-FB-SA-20250918

Lab ID#: 2509544-07A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092306**	**Date of Collection: 9/18/25 11:28:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 11:38 AM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	0.19 U
Toluene	0.49	0.24 U
Ethyl Benzene	0.55	0.27 U
m,p-Xylene	0.55	0.27 U
o-Xylene	0.55	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-01-SA-20250918

Lab ID#: 2509544-08A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092313**	**Date of Collection: 9/18/25 11:32:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 03:14 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	3.8
Toluene	0.49	9.7
Ethyl Benzene	0.55	1.5
m,p-Xylene	0.55	5.3
o-Xylene	0.55	1.9

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-02-SA-20250918

Lab ID#: 2509544-09A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092314**	**Date of Collection: 9/18/25 11:36:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 03:44 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.9
Toluene	0.49	6.0
Ethyl Benzene	0.55	1.4
m,p-Xylene	0.55	5.3
o-Xylene	0.55	1.8

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-03-SA-20250918

Lab ID#: 2509544-10A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092315**	**Date of Collection: 9/18/25 11:40:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 04:15 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.0
Toluene	0.49	2.7
Ethyl Benzene	0.55	0.53 J
m,p-Xylene	0.55	1.9
o-Xylene	0.55	0.65

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-SA-20250918

Lab ID#: 2509544-11A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092317**	**Date of Collection: 9/18/25 11:45:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 05:15 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.8
Toluene	0.49	5.4
Ethyl Benzene	0.55	1.1
m,p-Xylene	0.55	4.4
o-Xylene	0.55	1.5

Container Type: Carbopack X AC-PA

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Client Sample ID: PS-04-DU-20250918

Lab ID#: 2509544-12A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092318**	**Date of Collection: 9/18/25 11:45:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 05:46 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.8
Toluene	0.49	5.3
Ethyl Benzene	0.55	1.1
m,p-Xylene	0.55	4.1
o-Xylene	0.55	1.4

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-05-SA-20250918

Lab ID#: 2509544-13A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092319**	**Date of Collection: 9/18/25 11:49:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 06:16 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.2
Toluene	0.49	3.0
Ethyl Benzene	0.55	0.53 J
m,p-Xylene	0.55	1.8
o-Xylene	0.55	0.65

J = Estimated value.

Container Type: Carbopack X AC-PA

eurofins | Air Toxics

Client Sample ID: PS-06-SA-20250918

Lab ID#: 2509544-14A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092320**	**Date of Collection: 9/18/25 11:53:00 AM**
Dil. Factor:	**1.02**	**Date of Analysis: 9/23/25 06:47 PM**
		Date of Extraction: NA

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.38	1.0
Toluene	0.49	2.5
Ethyl Benzene	0.55	0.42 J
m,p-Xylene	0.55	1.4
o-Xylene	0.55	0.52 J

J = Estimated value.

Container Type: Carbopack X AC-PA

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Client Sample ID: Lab Blank

Lab ID#: 2509544-15A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/23/25 10:33 AM**	
		Date of Extraction: NA	

Compound	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.37	0.18 U
Toluene	0.48	0.24 U
Ethyl Benzene	0.54	0.27 U
m,p-Xylene	0.54	0.27 U
o-Xylene	0.54	0.27 U

U = The analyte was not present above the Method Detection Limit.

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2509544-16A

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092316**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/23/25 04:44 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	93
Toluene	95
Ethyl Benzene	93
m,p-Xylene	95
o-Xylene	94

Container Type: NA - Not Applicable

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Client Sample ID: CCV

Lab ID#: 2509544-16B

EPA METHOD 325B GC/MS FULL SCAN

File Name:	**f092327**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/23/25 10:21 PM**
		Date of Extraction: NA

Compound	%Recovery
Benzene	96
Toluene	100
Ethyl Benzene	103
m,p-Xylene	105
o-Xylene	104

Container Type: NA - Not Applicable

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Method : EPA Method 325B-BTEX (ug/m3) 14-day

CAS Number	Compound	Rpt. Limit (ug/m3)
71-43-2	Benzene	0.37
108-88-3	Toluene	0.48
100-41-4	Ethyl Benzene	0.54
108-38-3	m,p-Xylene	0.54
95-47-6	o-Xylene	0.54