

October 15, 2025

Washington State Department of Ecology
Southwest Region Office
PO Box 47775
Olympia, Washington 98504-7775

Attention: Thomas Praisewater, Site Manager

Subject: Progress Report, Third Quarter 2025
Sunoco Vancouver Annex Terminal
Agreed Order No. DE 19602
Vancouver, Washington
File No. 19001-008-17

This letter provides the progress report for the Third Quarter 2025 activities associated with Agreed Order No. DE 19602 (the Order) at the Sunoco Vancouver Annex Terminal (the Site)¹. The Site is located at 5420 NW Fruit Valley Road in Vancouver, Washington.

The Order was signed into effect on May 10, 2023, and requires Sunoco to implement a cleanup action plan. This progress report presents the following per the Order:

- A list of activities conducted during the Third Quarter 2025 to implement the requirements of the Order.
- A description of any deviations from required tasks not otherwise documented in project plans or amendment requests.
- A description of deviations from the Order scope of work and schedule during the current quarter and any planned deviations during the upcoming quarter. For any deviations in schedule, a plan will be included for recovering lost time and maintaining compliance with the schedule.
- Any raw data received during the Third Quarter, if not previously submitted to Washington Department of Ecology (Ecology), along with a detailed description of the underlying samples collected.
- The list of deliverables for the upcoming year, if different from the schedule.

¹ Sunoco LP acquired NuStar Energy L.P. in May 2024. NuStar Terminals Operations Partnership L.P. still owns and operates the same assets as before the transaction; no asset transfer or change of operational control has occurred. For simplicity, this document and related correspondence references Sunoco. Evergreen Resources Management Operations is the Sunoco affiliate that manages NuStar legacy remediation projects.

Activities Completed During the Reporting Period

The following activities were completed during the reporting period:

- The Second Quarter 2025 Progress Letter was submitted to Ecology on July 10, 2025;
- A quarterly groundwater monitoring event was conducted on August 19 and 20, 2025; and
- The *Revised Well MW-5 Area Pilot Study Work Plan* was submitted to Ecology on September 30, 2025.

Order Schedule, Deviations from the Order, and Responses

The Order requires implementation of a Cleanup Action Plan (CAP), which is in Appendix B of the Order; and the CAP contemplates groundwater recirculation systems in the well MW-5 and MW-6 areas. As discussed in the First Quarter 2025 Progress Report, GeoEngineers submitted a Request for Extension, which requested additional time to evaluate the results of the MW-11 Area Pilot Study, select and implement the remedial technology for the MW-5 Area Pilot Study, and extend the Engineering Design Report (EDR) submittal deadline. Ecology approved the request in an email from Thomas Praisewater on October 30, 2024, extending the EDR submittal date to December 31, 2026, and requiring submittal of a Revised MW-5 Area Pilot Study Plan by September 30, 2025.

Raw Data Submittals

Analytical data from the Third Quarter 2025 groundwater monitoring event are included in Attachment A. The data include the analytical results of groundwater samples collected from Site monitoring wells MW-1 through MW-12, MW-5D, MW-6D, MW-8D and MW-12D. The samples were submitted to Apex Laboratories (Apex), a Washington-certified analytical laboratory, for analysis of gasoline-range total petroleum hydrocarbons (TPH) by Method NWTPHgx, diesel-range TPH by Method NWTPHdx, and benzene, toluene, ethylbenzene, xylenes, methyl tert-butyl ether and naphthalene by EPA Method 8260B. The data will be included in the Annual 2025 Groundwater Monitoring report anticipated to be submitted to Ecology during the First Quarter of 2026.

Deliverable Submittals This Year

No deliverables are anticipated to be submitted during the remainder of 2025.

Closing

If you have any questions about this progress report, please do not hesitate to call Phil Cordell at 503.603.6676, Sam Russell at 503.603.6689, or Victoria Wark with Evergreen Resources Management Operations at 210.918.2257.

Sincerely,
GeoEngineers, Inc.



Sam Russell, EI
Engineering Staff

SR:jm

Attachment A—Analytical Laboratory Reports Third Quarter 2025 Analytical Data

cc: Victoria Wark, Evergreen Resources Management Operations (electronic deliverable)
Aaron Flett, Sunoco (electronic deliverable)

Disclaimer: Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Thursday, September 4, 2025

Sam J. Russell
GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239

RE: A5H1406 - Sunoco Annex - 3Q25 - GWM - 19001-008-17

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A5H1406, which was received by the laboratory on 8/20/2025 at 2:38:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: DAuvil@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information					
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>					
(See Cooler Receipt Form for details)					
Cooler #1	1.6	degC	Cooler #2	4.9	degC
Cooler #3	0.8	degC	Cooler #4	3.8	degC
Cooler #5	1.0	degC			

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

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Darrell Auvil, Client Services Manager

**ANALYTICAL REPORT****Apex Laboratories, LLC**6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062**GeoEngineers - Portland**
5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 3Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Sam J. Russell****Report ID:**
A5H1406 - 09 04 25 1748**ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	A5H1406-01	Water	08/19/25 10:31	08/20/25 14:38
MW-2	A5H1406-02	Water	08/20/25 09:59	08/20/25 14:38
MW-3	A5H1406-03	Water	08/20/25 08:00	08/20/25 14:38
MW-4	A5H1406-04	Water	08/20/25 08:51	08/20/25 14:38
MW-5	A5H1406-05	Water	08/20/25 09:03	08/20/25 14:38
MW-5 DUP	A5H1406-06	Water	08/20/25 09:03	08/20/25 14:38
MW-6	A5H1406-07	Water	08/20/25 11:12	08/20/25 14:38
MW-6D	A5H1406-08	Water	08/20/25 10:11	08/20/25 14:38
MW-7	A5H1406-09	Water	08/19/25 09:05	08/20/25 14:38
MW-8	A5H1406-10	Water	08/19/25 10:40	08/20/25 14:38
MW-8D	A5H1406-11	Water	08/19/25 11:39	08/20/25 14:38
MW-9	A5H1406-12	Water	08/19/25 09:58	08/20/25 14:38
MW-10	A5H1406-13	Water	08/19/25 09:31	08/20/25 14:38
MW-11	A5H1406-14	Water	08/20/25 11:10	08/20/25 14:38
MW-11 DUP	A5H1406-15	Water	08/20/25 11:10	08/20/25 14:38
MW-12	A5H1406-16	Water	08/19/25 11:34	08/20/25 14:38
MW-12D	A5H1406-17	Water	08/19/25 12:24	08/20/25 14:38
MW-5D	A5H1406-18	Water	08/20/25 08:03	08/20/25 14:38
MW-11	A5H1406-19	Water	08/20/25 11:10	08/20/25 14:38
MW-11 DUP	A5H1406-20	Water	08/20/25 11:10	08/20/25 14:38

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503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 3Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-1 (A5H1406-01)			Matrix: Water			Batch: 25H0738		
Diesel	0.377	---	0.0762	mg/L	1	08/21/25 21:01	NWTPH-Dx LL	F-11
Oil	ND	---	0.152	mg/L	1	08/21/25 21:01	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	103 %	Limits:	50-150 %	1	08/21/25 21:01	NWTPH-Dx LL
MW-2 (A5H1406-02)			Matrix: Water			Batch: 25H0738		
Diesel	ND	---	0.0800	mg/L	1	08/21/25 21:21	NWTPH-Dx LL	
Oil	ND	---	0.160	mg/L	1	08/21/25 21:21	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	106 %	Limits:	50-150 %	1	08/21/25 21:21	NWTPH-Dx LL
MW-3 (A5H1406-03)			Matrix: Water			Batch: 25H0738		
Diesel	ND	---	0.0816	mg/L	1	08/21/25 21:42	NWTPH-Dx LL	
Oil	ND	---	0.163	mg/L	1	08/21/25 21:42	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	102 %	Limits:	50-150 %	1	08/21/25 21:42	NWTPH-Dx LL
MW-4 (A5H1406-04)			Matrix: Water			Batch: 25H0738		DCNT
Diesel	0.145	---	0.0777	mg/L	1	08/21/25 22:02	NWTPH-Dx LL	F-11
Oil	ND	---	0.155	mg/L	1	08/21/25 22:02	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	106 %	Limits:	50-150 %	1	08/21/25 22:02	NWTPH-Dx LL
MW-5 (A5H1406-05)			Matrix: Water			Batch: 25H0738		DCNT
Diesel	1.35	---	0.0792	mg/L	1	08/21/25 22:22	NWTPH-Dx LL	F-18
Oil	ND	---	0.158	mg/L	1	08/21/25 22:22	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	103 %	Limits:	50-150 %	1	08/21/25 22:22	NWTPH-Dx LL
MW-5 DUP (A5H1406-06)			Matrix: Water			Batch: 25H0738		
Diesel	1.62	---	0.0762	mg/L	1	08/21/25 22:42	NWTPH-Dx LL	F-18
Oil	ND	---	0.152	mg/L	1	08/21/25 22:42	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	97 %	Limits:	50-150 %	1	08/21/25 22:42	NWTPH-Dx LL
MW-6 (A5H1406-07)			Matrix: Water			Batch: 25H0738		
Diesel	3.23	---	0.0762	mg/L	1	08/21/25 23:03	NWTPH-Dx LL	F-11, F-20
Oil	ND	---	0.152	mg/L	1	08/21/25 23:03	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	90 %	Limits:	50-150 %	1	08/21/25 23:03	NWTPH-Dx LL

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Darrell Auvil, Client Services Manager



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6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-6D (A5H1406-08)		Matrix: Water			Batch: 25H0738			
Diesel	ND	---	0.0748	mg/L	1	08/21/25 23:43	NWTPH-Dx LL	
Oil	ND	---	0.150	mg/L	1	08/21/25 23:43	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 94 %		Limits: 50-150 %	1	08/21/25 23:43	NWTPH-Dx LL	
MW-7 (A5H1406-09)		Matrix: Water			Batch: 25H0738			
Diesel	ND	---	0.0755	mg/L	1	08/22/25 00:04	NWTPH-Dx LL	
Oil	ND	---	0.151	mg/L	1	08/22/25 00:04	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 87 %		Limits: 50-150 %	1	08/22/25 00:04	NWTPH-Dx LL	
MW-8 (A5H1406-10)		Matrix: Water			Batch: 25H0773			
Diesel	ND	---	0.0762	mg/L	1	08/22/25 21:19	NWTPH-Dx LL	
Oil	ND	---	0.152	mg/L	1	08/22/25 21:19	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %	1	08/22/25 21:19	NWTPH-Dx LL	
MW-8D (A5H1406-11)		Matrix: Water			Batch: 25H0773			
Diesel	ND	---	0.0755	mg/L	1	08/22/25 21:43	NWTPH-Dx LL	
Oil	ND	---	0.151	mg/L	1	08/22/25 21:43	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 87 %		Limits: 50-150 %	1	08/22/25 21:43	NWTPH-Dx LL	
MW-9 (A5H1406-12)		Matrix: Water			Batch: 25H0773			
Diesel	ND	---	0.0762	mg/L	1	08/22/25 22:31	NWTPH-Dx LL	
Oil	ND	---	0.152	mg/L	1	08/22/25 22:31	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 95 %		Limits: 50-150 %	1	08/22/25 22:31	NWTPH-Dx LL	
MW-10 (A5H1406-13)		Matrix: Water			Batch: 25H0773			
Diesel	ND	---	0.0800	mg/L	1	08/22/25 22:55	NWTPH-Dx LL	
Oil	ND	---	0.160	mg/L	1	08/22/25 22:55	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 92 %		Limits: 50-150 %	1	08/22/25 22:55	NWTPH-Dx LL	
MW-12 (A5H1406-16)		Matrix: Water			Batch: 25H0773			
Diesel	0.0788	---	0.0748	mg/L	1	08/22/25 23:43	NWTPH-Dx LL	F-11
Oil	ND	---	0.150	mg/L	1	08/22/25 23:43	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 96 %		Limits: 50-150 %	1	08/22/25 23:43	NWTPH-Dx LL	

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Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-12D (A5H1406-17)		Matrix: Water			Batch: 25H0773			
Diesel	ND	---	0.0879	mg/L	1	08/23/25 00:07	NWTPH-Dx LL	
Oil	ND	---	0.176	mg/L	1	08/23/25 00:07	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 92 %		Limits: 50-150 %	1	08/23/25 00:07	NWTPH-Dx LL	
MW-5D (A5H1406-18)		Matrix: Water			Batch: 25H0773			
Diesel	0.654	---	0.0762	mg/L	1	08/23/25 00:55	NWTPH-Dx LL	F-11, F-20
Oil	ND	---	0.152	mg/L	1	08/23/25 00:55	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 95 %		Limits: 50-150 %	1	08/23/25 00:55	NWTPH-Dx LL	

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ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Dissolved Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-11 (A5H1406-19)		Matrix: Water			Batch: 25H0939		FILT2	
Diesel	ND	---	0.0792	mg/L	1	08/27/25 14:01	NWTPH-Dx (Diss)	
Oil	ND	---	0.158	mg/L	1	08/27/25 14:01	NWTPH-Dx (Diss)	
Surrogate: o-Terphenyl (Surr)		Recovery: 76 %		Limits: 50-150 %	1	08/27/25 14:01	NWTPH-Dx (Diss)	
MW-11 DUP (A5H1406-20)		Matrix: Water			Batch: 25H0939		FILT2	
Diesel	ND	---	0.0784	mg/L	1	08/27/25 14:21	NWTPH-Dx (Diss)	
Oil	ND	---	0.157	mg/L	1	08/27/25 14:21	NWTPH-Dx (Diss)	
Surrogate: o-Terphenyl (Surr)		Recovery: 76 %		Limits: 50-150 %	1	08/27/25 14:21	NWTPH-Dx (Diss)	

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ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-1 (A5H1406-01)		Matrix: Water			Batch: 25H0712			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/21/25 14:46	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 97 %	Limits: 50-150 %	1	08/21/25 14:46	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		103 %	50-150 %	1	08/21/25 14:46	NWTPH-Gx (MS)		
MW-2 (A5H1406-02)		Matrix: Water			Batch: 25H0712			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/21/25 15:09	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 98 %	Limits: 50-150 %	1	08/21/25 15:09	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		103 %	50-150 %	1	08/21/25 15:09	NWTPH-Gx (MS)		
MW-3 (A5H1406-03)		Matrix: Water			Batch: 25H0712			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/21/25 15:32	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 98 %	Limits: 50-150 %	1	08/21/25 15:32	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		104 %	50-150 %	1	08/21/25 15:32	NWTPH-Gx (MS)		
MW-4 (A5H1406-04)		Matrix: Water			Batch: 25H0712			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/21/25 15:54	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 97 %	Limits: 50-150 %	1	08/21/25 15:54	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		103 %	50-150 %	1	08/21/25 15:54	NWTPH-Gx (MS)		
MW-5 (A5H1406-05)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	15.9	---	1.00	mg/L	10	08/22/25 20:30	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 98 %	Limits: 50-150 %	1	08/22/25 20:30	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		111 %	50-150 %	1	08/22/25 20:30	NWTPH-Gx (MS)		
MW-5 DUP (A5H1406-06)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	14.5	---	1.00	mg/L	10	08/22/25 21:13	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 98 %	Limits: 50-150 %	1	08/22/25 21:13	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		108 %	50-150 %	1	08/22/25 21:13	NWTPH-Gx (MS)		
MW-6 (A5H1406-07)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	11.6	---	1.00	mg/L	10	08/22/25 21:34	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery: 97 %	Limits: 50-150 %	1	08/22/25 21:34	NWTPH-Gx (MS)		
1,4-Difluorobenzene (Sur)		107 %	50-150 %	1	08/22/25 21:34	NWTPH-Gx (MS)		
MW-6D (A5H1406-08)		Matrix: Water			Batch: 25H0794			

Apex Laboratories

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Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-6D (A5H1406-08)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 13:27	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	101 %	Limits: 50-150 %	1	08/22/25 13:27	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			112 %	50-150 %	1	08/22/25 13:27	NWTPH-Gx (MS)	
MW-7 (A5H1406-09)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 13:49	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	103 %	Limits: 50-150 %	1	08/22/25 13:49	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			116 %	50-150 %	1	08/22/25 13:49	NWTPH-Gx (MS)	
MW-8 (A5H1406-10)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 14:10	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	101 %	Limits: 50-150 %	1	08/22/25 14:10	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			113 %	50-150 %	1	08/22/25 14:10	NWTPH-Gx (MS)	
MW-8D (A5H1406-11)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 14:31	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	102 %	Limits: 50-150 %	1	08/22/25 14:31	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			115 %	50-150 %	1	08/22/25 14:31	NWTPH-Gx (MS)	
MW-9 (A5H1406-12)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 14:52	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	103 %	Limits: 50-150 %	1	08/22/25 14:52	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			116 %	50-150 %	1	08/22/25 14:52	NWTPH-Gx (MS)	
MW-10 (A5H1406-13)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 15:13	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	101 %	Limits: 50-150 %	1	08/22/25 15:13	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			115 %	50-150 %	1	08/22/25 15:13	NWTPH-Gx (MS)	
MW-11 (A5H1406-14)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 19:27	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	100 %	Limits: 50-150 %	1	08/22/25 19:27	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			114 %	50-150 %	1	08/22/25 19:27	NWTPH-Gx (MS)	
MW-11 DUP (A5H1406-15)		Matrix: Water			Batch: 25H0794			

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Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-11 DUP (A5H1406-15)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 19:48	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	100 %	Limits: 50-150 %	1	08/22/25 19:48	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			116 %	50-150 %	1	08/22/25 19:48	NWTPH-Gx (MS)	
MW-12 (A5H1406-16)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 15:34	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	98 %	Limits: 50-150 %	1	08/22/25 15:34	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			112 %	50-150 %	1	08/22/25 15:34	NWTPH-Gx (MS)	
MW-12D (A5H1406-17)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	ND	---	0.100	mg/L	1	08/22/25 15:55	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	101 %	Limits: 50-150 %	1	08/22/25 15:55	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			116 %	50-150 %	1	08/22/25 15:55	NWTPH-Gx (MS)	
MW-5D (A5H1406-18)		Matrix: Water			Batch: 25H0794			
Gasoline Range Organics	0.756	---	0.100	mg/L	1	08/22/25 16:16	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	98 %	Limits: 50-150 %	1	08/22/25 16:16	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			109 %	50-150 %	1	08/22/25 16:16	NWTPH-Gx (MS)	

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GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-1 (A5H1406-01)		Matrix: Water			Batch: 25H0712			
Benzene	ND	---	0.200	ug/L	1	08/21/25 14:46	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/21/25 14:46	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/21/25 14:46	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/21/25 14:46	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/21/25 14:46	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/21/25 14:46	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery:</i>	<i>107 %</i>	<i>Limits:</i>	<i>80-120 %</i>	<i>1</i>	<i>08/21/25 14:46</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>			<i>102 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/21/25 14:46</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>			<i>104 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/21/25 14:46</i>	<i>EPA 8260D</i>
MW-2 (A5H1406-02)		Matrix: Water			Batch: 25H0712			
Benzene	ND	---	0.200	ug/L	1	08/21/25 15:09	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/21/25 15:09	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/21/25 15:09	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/21/25 15:09	EPA 8260D	
Methyl tert-butyl ether (MTBE)	1.48	---	1.00	ug/L	1	08/21/25 15:09	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/21/25 15:09	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery:</i>	<i>108 %</i>	<i>Limits:</i>	<i>80-120 %</i>	<i>1</i>	<i>08/21/25 15:09</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>			<i>101 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/21/25 15:09</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>			<i>104 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/21/25 15:09</i>	<i>EPA 8260D</i>
MW-3 (A5H1406-03)		Matrix: Water			Batch: 25H0712			
Benzene	ND	---	0.200	ug/L	1	08/21/25 15:32	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/21/25 15:32	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/21/25 15:32	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/21/25 15:32	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/21/25 15:32	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/21/25 15:32	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery:</i>	<i>108 %</i>	<i>Limits:</i>	<i>80-120 %</i>	<i>1</i>	<i>08/21/25 15:32</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>			<i>101 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/21/25 15:32</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>			<i>105 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/21/25 15:32</i>	<i>EPA 8260D</i>
MW-4 (A5H1406-04)		Matrix: Water			Batch: 25H0712			
Benzene	ND	---	0.200	ug/L	1	08/21/25 15:54	EPA 8260D	

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Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

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503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-4 (A5H1406-04)		Matrix: Water			Batch: 25H0712			
Toluene	ND	---	1.00	ug/L	1	08/21/25 15:54	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/21/25 15:54	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/21/25 15:54	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/21/25 15:54	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/21/25 15:54	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	107 %	Limits:	80-120 %	1	08/21/25 15:54	EPA 8260D
Toluene-d8 (Surr)			101 %		80-120 %	1	08/21/25 15:54	EPA 8260D
4-Bromofluorobenzene (Surr)			103 %		80-120 %	1	08/21/25 15:54	EPA 8260D
MW-5 (A5H1406-05)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	2.00	ug/L	10	08/22/25 20:30	EPA 8260D	
Toluene	ND	---	10.0	ug/L	10	08/22/25 20:30	EPA 8260D	
Ethylbenzene	142	---	5.00	ug/L	10	08/22/25 20:30	EPA 8260D	
Xylenes, total	148	---	15.0	ug/L	10	08/22/25 20:30	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	08/22/25 20:30	EPA 8260D	
Naphthalene	1570	---	50.0	ug/L	10	08/22/25 20:30	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	103 %	Limits:	80-120 %	1	08/22/25 20:30	EPA 8260D
Toluene-d8 (Surr)			104 %		80-120 %	1	08/22/25 20:30	EPA 8260D
4-Bromofluorobenzene (Surr)			94 %		80-120 %	1	08/22/25 20:30	EPA 8260D
MW-5 DUP (A5H1406-06)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	2.00	ug/L	10	08/22/25 21:13	EPA 8260D	
Toluene	ND	---	10.0	ug/L	10	08/22/25 21:13	EPA 8260D	
Ethylbenzene	128	---	5.00	ug/L	10	08/22/25 21:13	EPA 8260D	
Xylenes, total	129	---	15.0	ug/L	10	08/22/25 21:13	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	08/22/25 21:13	EPA 8260D	
Naphthalene	1550	---	50.0	ug/L	10	08/22/25 21:13	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	102 %	Limits:	80-120 %	1	08/22/25 21:13	EPA 8260D
Toluene-d8 (Surr)			104 %		80-120 %	1	08/22/25 21:13	EPA 8260D
4-Bromofluorobenzene (Surr)			96 %		80-120 %	1	08/22/25 21:13	EPA 8260D
MW-6 (A5H1406-07)		Matrix: Water			Batch: 25H0794			
Benzene	172	---	2.00	ug/L	10	08/22/25 21:34	EPA 8260D	
Toluene	ND	---	10.0	ug/L	10	08/22/25 21:34	EPA 8260D	

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: Sunoco Annex - 3Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-6 (A5H1406-07)		Matrix: Water			Batch: 25H0794			
Ethylbenzene	1430	---	5.00	ug/L	10	08/22/25 21:34	EPA 8260D	
Xylenes, total	69.2	---	15.0	ug/L	10	08/22/25 21:34	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	08/22/25 21:34	EPA 8260D	
Naphthalene	340	---	50.0	ug/L	10	08/22/25 21:34	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 100 %		Limits: 80-120 %	1	08/22/25 21:34	EPA 8260D	
Toluene-d8 (Surr)		104 %		80-120 %	1	08/22/25 21:34	EPA 8260D	
4-Bromofluorobenzene (Surr)		96 %		80-120 %	1	08/22/25 21:34	EPA 8260D	
MW-6D (A5H1406-08)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 13:27	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 13:27	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 13:27	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 13:27	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 13:27	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 13:27	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 106 %		Limits: 80-120 %	1	08/22/25 13:27	EPA 8260D	
Toluene-d8 (Surr)		102 %		80-120 %	1	08/22/25 13:27	EPA 8260D	
4-Bromofluorobenzene (Surr)		96 %		80-120 %	1	08/22/25 13:27	EPA 8260D	
MW-7 (A5H1406-09)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 13:49	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 13:49	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 13:49	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 13:49	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 13:49	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 13:49	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 107 %		Limits: 80-120 %	1	08/22/25 13:49	EPA 8260D	
Toluene-d8 (Surr)		104 %		80-120 %	1	08/22/25 13:49	EPA 8260D	
4-Bromofluorobenzene (Surr)		98 %		80-120 %	1	08/22/25 13:49	EPA 8260D	
MW-8 (A5H1406-10)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 14:10	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 14:10	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 14:10	EPA 8260D	

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Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5H1406 - 09 04 25 1748

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-8 (A5H1406-10)		Matrix: Water			Batch: 25H0794			
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 14:10	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 14:10	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 14:10	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 105 %		Limits: 80-120 %	1	08/22/25 14:10	EPA 8260D	
Toluene-d8 (Surr)		106 %		80-120 %	1	08/22/25 14:10	EPA 8260D	
4-Bromofluorobenzene (Surr)		94 %		80-120 %	1	08/22/25 14:10	EPA 8260D	
MW-8D (A5H1406-11)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 14:31	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 14:31	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 14:31	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 14:31	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 14:31	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 14:31	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 106 %		Limits: 80-120 %	1	08/22/25 14:31	EPA 8260D	
Toluene-d8 (Surr)		103 %		80-120 %	1	08/22/25 14:31	EPA 8260D	
4-Bromofluorobenzene (Surr)		96 %		80-120 %	1	08/22/25 14:31	EPA 8260D	
MW-9 (A5H1406-12)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 14:52	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 14:52	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 14:52	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 14:52	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 14:52	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 14:52	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 107 %		Limits: 80-120 %	1	08/22/25 14:52	EPA 8260D	
Toluene-d8 (Surr)		103 %		80-120 %	1	08/22/25 14:52	EPA 8260D	
4-Bromofluorobenzene (Surr)		97 %		80-120 %	1	08/22/25 14:52	EPA 8260D	
MW-10 (A5H1406-13)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 15:13	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 15:13	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 15:13	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 15:13	EPA 8260D	

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748**

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-10 (A5H1406-13)		Matrix: Water			Batch: 25H0794			
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 15:13	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 15:13	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery:</i>	<i>106 %</i>	<i>Limits:</i>	<i>80-120 %</i>	<i>1</i>	<i>08/22/25 15:13</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>			<i>103 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/22/25 15:13</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>			<i>96 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/22/25 15:13</i>	<i>EPA 8260D</i>
MW-11 (A5H1406-14)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 19:27	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 19:27	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 19:27	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 19:27	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 19:27	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 19:27	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery:</i>	<i>106 %</i>	<i>Limits:</i>	<i>80-120 %</i>	<i>1</i>	<i>08/22/25 19:27</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>			<i>104 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/22/25 19:27</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>			<i>101 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/22/25 19:27</i>	<i>EPA 8260D</i>
MW-11 DUP (A5H1406-15)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 19:48	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 19:48	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 19:48	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 19:48	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 19:48	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 19:48	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery:</i>	<i>105 %</i>	<i>Limits:</i>	<i>80-120 %</i>	<i>1</i>	<i>08/22/25 19:48</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>			<i>104 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/22/25 19:48</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>			<i>103 %</i>		<i>80-120 %</i>	<i>1</i>	<i>08/22/25 19:48</i>	<i>EPA 8260D</i>
MW-12 (A5H1406-16)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 15:34	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 15:34	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 15:34	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 15:34	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 15:34	EPA 8260D	

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ANALYTICAL REPORT

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503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748**

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-12 (A5H1406-16)		Matrix: Water			Batch: 25H0794			
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 15:34	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	104 %	Limits:	80-120 %	1	08/22/25 15:34	EPA 8260D
Toluene-d8 (Surr)			104 %		80-120 %	1	08/22/25 15:34	EPA 8260D
4-Bromofluorobenzene (Surr)			94 %		80-120 %	1	08/22/25 15:34	EPA 8260D
MW-12D (A5H1406-17)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 15:55	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 15:55	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/22/25 15:55	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	08/22/25 15:55	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 15:55	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 15:55	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	106 %	Limits:	80-120 %	1	08/22/25 15:55	EPA 8260D
Toluene-d8 (Surr)			106 %		80-120 %	1	08/22/25 15:55	EPA 8260D
4-Bromofluorobenzene (Surr)			94 %		80-120 %	1	08/22/25 15:55	EPA 8260D
MW-5D (A5H1406-18)		Matrix: Water			Batch: 25H0794			
Benzene	ND	---	0.200	ug/L	1	08/22/25 16:16	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/22/25 16:16	EPA 8260D	
Ethylbenzene	66.4	---	0.500	ug/L	1	08/22/25 16:16	EPA 8260D	
Xylenes, total	6.01	---	1.50	ug/L	1	08/22/25 16:16	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/22/25 16:16	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	08/22/25 16:16	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	101 %	Limits:	80-120 %	1	08/22/25 16:16	EPA 8260D
Toluene-d8 (Surr)			104 %		80-120 %	1	08/22/25 16:16	EPA 8260D
4-Bromofluorobenzene (Surr)			94 %		80-120 %	1	08/22/25 16:16	EPA 8260D

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Portland, OR 97239Project: Sunoco Annex - 3Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5H1406 - 09 04 25 1748

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0738 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25H0738-BLK1)			Prepared: 08/21/25 12:07 Analyzed: 08/21/25 20:00									
<u>NWTPH-Dx LL</u>												
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---	
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 86 %		Limits: 50-150 %		Dilution: 1x						
LCS (25H0738-BS1)			Prepared: 08/21/25 12:07 Analyzed: 08/21/25 20:20									
<u>NWTPH-Dx LL</u>												
Diesel	0.392	---	0.0800	mg/L	1	0.500	---	78	36-132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 103 %		Limits: 50-150 %		Dilution: 1x						
LCS Dup (25H0738-BSD1)			Prepared: 08/21/25 12:07 Analyzed: 08/21/25 20:41									Q-19
<u>NWTPH-Dx LL</u>												
Diesel	0.401	---	0.0800	mg/L	1	0.500	---	80	36-132%	2	30%	
Surr: o-Terphenyl (Surr)		Recovery: 102 %		Limits: 50-150 %		Dilution: 1x						
Batch 25H0773 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25H0773-BLK1)			Prepared: 08/22/25 07:46 Analyzed: 08/22/25 20:08									
<u>NWTPH-Dx LL</u>												
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---	
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 89 %		Limits: 50-150 %		Dilution: 1x						
LCS (25H0773-BS1)			Prepared: 08/22/25 07:46 Analyzed: 08/22/25 20:32									
<u>NWTPH-Dx LL</u>												
Diesel	0.354	---	0.0800	mg/L	1	0.500	---	71	36-132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
LCS Dup (25H0773-BSD1)			Prepared: 08/22/25 07:46 Analyzed: 08/22/25 20:55									Q-19
<u>NWTPH-Dx LL</u>												
Diesel	0.356	---	0.0800	mg/L	1	0.500	---	71	36-132%	0.7	30%	
Surr: o-Terphenyl (Surr)		Recovery: 99 %		Limits: 50-150 %		Dilution: 1x						

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Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748**

QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 25H0939 - EPA 3510C (Fuels/Acid Ext.)						Water							
Blank (25H0939-BLK1)			Prepared: 08/27/25 07:54 Analyzed: 08/27/25 12:39										
NWTPH-Dx (Diss)													
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---		
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---		
Surr: o-Terphenyl (Surr)		Recovery: 90 %		Limits: 50-150 %		Dilution: 1x							
Blank (25H0939-BLK2)			Prepared: 08/27/25 07:54 Analyzed: 08/27/25 13:00										FILT3
NWTPH-Dx (Diss)													
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---		
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---		
Surr: o-Terphenyl (Surr)		Recovery: 94 %		Limits: 50-150 %		Dilution: 1x							
LCS (25H0939-BS1)			Prepared: 08/27/25 07:54 Analyzed: 08/27/25 13:20										
NWTPH-Dx (Diss)													
Diesel	0.364	---	0.0800	mg/L	1	0.500	---	73	36-132%	---	---		
Surr: o-Terphenyl (Surr)		Recovery: 96 %		Limits: 50-150 %		Dilution: 1x							
LCS Dup (25H0939-BSD1)			Prepared: 08/27/25 07:54 Analyzed: 08/27/25 13:40										
NWTPH-Dx (Diss)													
Diesel	0.358	---	0.0800	mg/L	1	0.500	---	72	36-132%	2	30%		
Surr: o-Terphenyl (Surr)		Recovery: 94 %		Limits: 50-150 %		Dilution: 1x							

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QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0712 - EPA 5030C						Water						
Blank (25H0712-BLK1)			Prepared: 08/21/25 07:17 Analyzed: 08/21/25 10:38									
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						
LCS (25H0712-BS2)			Prepared: 08/21/25 07:17 Analyzed: 08/21/25 10:15									
NWTPH-Gx (MS)												
Gasoline Range Organics	0.488	---	0.100	mg/L	1	0.500	---	98	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 99 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						
Duplicate (25H0712-DUP1)			Prepared: 08/21/25 07:17 Analyzed: 08/21/25 17:48									
QC Source Sample: Non-SDG (A5H1426-01)												
Gasoline Range Organics	ND	---	5.00	mg/L	50	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		103 %		50-150 %		"						

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Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5H1406 - 09 04 25 1748

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0794 - EPA 5030C						Water						
Blank (25H0794-BLK1)			Prepared: 08/22/25 10:49 Analyzed: 08/22/25 13:06									
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Surr)		Recovery: 100 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Surr)		112 %		50-150 %		"						
LCS (25H0794-BS2)			Prepared: 08/22/25 10:49 Analyzed: 08/22/25 12:45									
NWTPH-Gx (MS)												
Gasoline Range Organics	0.467	---	0.100	mg/L	1	0.500	---	93	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Surr)		Recovery: 96 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Surr)		105 %		50-150 %		"						
Duplicate (25H0794-DUP1)			Prepared: 08/22/25 10:49 Analyzed: 08/22/25 20:52									
QC Source Sample: MW-5 (A5H1406-05)												
NWTPH-Gx (MS)												
Gasoline Range Organics	16.0	---	1.00	mg/L	10	---	15.9	---	---	0.7	30%	
Surr: 4-Bromofluorobenzene (Surr)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Surr)		109 %		50-150 %		"						
Duplicate (25H0794-DUP2)			Prepared: 08/22/25 10:49 Analyzed: 08/22/25 21:55									
QC Source Sample: MW-6 (A5H1406-07)												
NWTPH-Gx (MS)												
Gasoline Range Organics	12.2	---	1.00	mg/L	10	---	11.6	---	---	5	30%	
Surr: 4-Bromofluorobenzene (Surr)		Recovery: 96 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Surr)		107 %		50-150 %		"						

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Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0712 - EPA 5030C												
Water												
Blank (25H0712-BLK1)												
Prepared: 08/21/25 07:17 Analyzed: 08/21/25 10:38												
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 107 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>102 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr)</i>												
<i>103 % 80-120 % "</i>												
LCS (25H0712-BS1)												
Prepared: 08/21/25 07:17 Analyzed: 08/21/25 09:43												
EPA 8260D												
Benzene	21.9	---	0.200	ug/L	1	20.0	---	110	80-120%	---	---	
Toluene	17.5	---	1.00	ug/L	1	20.0	---	87	80-120%	---	---	
Ethylbenzene	17.6	---	0.500	ug/L	1	20.0	---	88	80-120%	---	---	
Xylenes, total	52.6	---	1.50	ug/L	1	60.0	---	88	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	19.1	---	1.00	ug/L	1	20.0	---	95	80-120%	---	---	
Naphthalene	19.4	---	5.00	ug/L	1	20.0	---	97	80-120%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 107 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>99 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr)</i>												
<i>103 % 80-120 % "</i>												
Duplicate (25H0712-DUP1)												
Prepared: 08/21/25 07:17 Analyzed: 08/21/25 17:48												
QC Source Sample: Non-SDG (A5H1426-01)												
Benzene	ND	---	10.0	ug/L	50	---	ND	---	---	---	30%	
Toluene	ND	---	50.0	ug/L	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	25.0	ug/L	50	---	ND	---	---	---	30%	
Xylenes, total	ND	---	75.0	ug/L	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	50.0	ug/L	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	250	ug/L	50	---	ND	---	---	---	30%	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>												
<i>Recovery: 108 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr)</i>												
<i>101 % 80-120 % "</i>												

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0712 - EPA 5030C						Water						
Duplicate (25H0712-DUP1)			Prepared: 08/21/25 07:17 Analyzed: 08/21/25 17:48									
QC Source Sample: Non-SDG (A5H1426-01)												
Surr: 4-Bromofluorobenzene (Surr)		Recovery: 104 %		Limits: 80-120 %		Dilution: 1x						
Matrix Spike (25H0712-MS1)			Prepared: 08/21/25 07:17 Analyzed: 08/21/25 16:40									
QC Source Sample: Non-SDG (A5H1336-01)												
EPA 8260D												
Benzene	25.4	---	0.200	ug/L	1	20.0	ND	127	79-120%	---	---	Q-01
Toluene	19.5	---	1.00	ug/L	1	20.0	ND	97	80-121%	---	---	
Ethylbenzene	19.7	---	0.500	ug/L	1	20.0	ND	99	79-121%	---	---	
Xylenes, total	59.2	---	1.50	ug/L	1	60.0	ND	99	79-121%	---	---	
Methyl tert-butyl ether (MTBE)	19.6	---	1.00	ug/L	1	20.0	ND	98	71-124%	---	---	
Naphthalene	19.1	---	5.00	ug/L	1	20.0	ND	95	61-128%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 109 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		97 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		98 %		80-120 %		"						

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503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 3Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5H1406 - 09 04 25 1748

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0794 - EPA 5030C												
Water												
Blank (25H0794-BLK1)												
Prepared: 08/22/25 10:49 Analyzed: 08/22/25 13:06												
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)												
Recovery: 104 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr)												
103 % 80-120 % "												
4-Bromofluorobenzene (Surr)												
97 % 80-120 % "												
LCS (25H0794-BS1)												
Prepared: 08/22/25 10:49 Analyzed: 08/22/25 12:09												
EPA 8260D												
Benzene	21.2	---	0.200	ug/L	1	20.0	---	106	80-120%	---	---	
Toluene	20.5	---	1.00	ug/L	1	20.0	---	102	80-120%	---	---	
Ethylbenzene	20.8	---	0.500	ug/L	1	20.0	---	104	80-120%	---	---	
Xylenes, total	63.8	---	1.50	ug/L	1	60.0	---	106	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	20.8	---	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
Naphthalene	17.6	---	5.00	ug/L	1	20.0	---	88	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)												
Recovery: 100 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr)												
102 % 80-120 % "												
4-Bromofluorobenzene (Surr)												
91 % 80-120 % "												
Duplicate (25H0794-DUP1)												
Prepared: 08/22/25 10:49 Analyzed: 08/22/25 20:52												
QC Source Sample: MW-5 (A5H1406-05)												
EPA 8260D												
Benzene	ND	---	2.00	ug/L	10	---	ND	---	---	---	30%	
Toluene	ND	---	10.0	ug/L	10	---	ND	---	---	---	30%	
Ethylbenzene	144	---	5.00	ug/L	10	---	142	---	---	0.8	30%	
Xylenes, total	148	---	15.0	ug/L	10	---	148	---	---	0.2	30%	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	---	ND	---	---	---	30%	
Naphthalene	1630	---	50.0	ug/L	10	---	1570	---	---	4	30%	
Surr: 1,4-Difluorobenzene (Surr)												
Recovery: 102 % Limits: 80-120 % Dilution: 1x												

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ANALYTICAL REPORT

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0794 - EPA 5030C												
Water												
Duplicate (25H0794-DUP1)												
Prepared: 08/22/25 10:49 Analyzed: 08/22/25 20:52												
QC Source Sample: MW-5 (A5H1406-05)												
Surr: Toluene-d8 (Surr)												
Recovery: 105 % Limits: 80-120 % Dilution: 1x												
4-Bromofluorobenzene (Surr)												
95 % 80-120 % "												
Duplicate (25H0794-DUP2)												
Prepared: 08/22/25 10:49 Analyzed: 08/22/25 21:55												
QC Source Sample: MW-6 (A5H1406-07)												
EPA 8260D												
Benzene	178	---	2.00	ug/L	10	---	172	---	---	3	30%	
Toluene	10.0	---	10.0	ug/L	10	---	9.80	---	---	2	30%	
Ethylbenzene	1490	---	5.00	ug/L	10	---	1430	---	---	4	30%	
Xylenes, total	73.5	---	15.0	ug/L	10	---	69.2	---	---	6	30%	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	---	ND	---	---	---	30%	
Naphthalene	332	---	50.0	ug/L	10	---	340	---	---	3	30%	
Surr: 1,4-Difluorobenzene (Surr)												
Recovery: 100 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr)												
103 % 80-120 % "												
4-Bromofluorobenzene (Surr)												
95 % 80-120 % "												
Matrix Spike (25H0794-MS1)												
Prepared: 08/22/25 10:49 Analyzed: 08/22/25 18:44												
QC Source Sample: Non-SDG (A5H1446-06)												
EPA 8260D												
Benzene	24.2	---	0.200	ug/L	1	20.0	ND	121	79-120%	---	---	Q-01
Toluene	22.8	---	1.00	ug/L	1	20.0	ND	114	80-121%	---	---	
Ethylbenzene	23.8	---	0.500	ug/L	1	20.0	ND	119	79-121%	---	---	
Xylenes, total	73.4	---	1.50	ug/L	1	60.0	ND	122	79-121%	---	---	Q-01
Methyl tert-butyl ether (MTBE)	23.1	---	1.00	ug/L	1	20.0	ND	116	71-124%	---	---	
Naphthalene	18.3	---	5.00	ug/L	1	20.0	ND	91	61-128%	---	---	
Surr: 1,4-Difluorobenzene (Surr)												
Recovery: 101 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr)												
101 % 80-120 % "												
4-Bromofluorobenzene (Surr)												
92 % 80-120 % "												

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Darrell Auvil, Client Services Manager

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503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748****SAMPLE PREPARATION INFORMATION****Diesel and/or Oil Hydrocarbons by NWTPH-Dx****Prep: EPA 3510C (Fuels/Acid Ext.)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25H0738							
A5H1406-01	Water	NWTPH-Dx LL	08/19/25 10:31	08/21/25 12:07	1050mL/2mL	1000mL/2mL	0.95
A5H1406-02	Water	NWTPH-Dx LL	08/20/25 09:59	08/21/25 12:07	1000mL/2mL	1000mL/2mL	1.00
A5H1406-03	Water	NWTPH-Dx LL	08/20/25 08:00	08/21/25 12:07	980mL/2mL	1000mL/2mL	1.02
A5H1406-04	Water	NWTPH-Dx LL	08/20/25 08:51	08/21/25 12:07	1030mL/2mL	1000mL/2mL	0.97
A5H1406-05	Water	NWTPH-Dx LL	08/20/25 09:03	08/21/25 12:07	1010mL/2mL	1000mL/2mL	0.99
A5H1406-06	Water	NWTPH-Dx LL	08/20/25 09:03	08/21/25 12:07	1050mL/2mL	1000mL/2mL	0.95
A5H1406-07	Water	NWTPH-Dx LL	08/20/25 11:12	08/21/25 12:07	1050mL/2mL	1000mL/2mL	0.95
A5H1406-08	Water	NWTPH-Dx LL	08/20/25 10:11	08/21/25 12:07	1070mL/2mL	1000mL/2mL	0.94
A5H1406-09	Water	NWTPH-Dx LL	08/19/25 09:05	08/21/25 12:07	1060mL/2mL	1000mL/2mL	0.94
Batch: 25H0773							
A5H1406-10	Water	NWTPH-Dx LL	08/19/25 10:40	08/22/25 07:46	1050mL/2mL	1000mL/2mL	0.95
A5H1406-11	Water	NWTPH-Dx LL	08/19/25 11:39	08/22/25 07:46	1060mL/2mL	1000mL/2mL	0.94
A5H1406-12	Water	NWTPH-Dx LL	08/19/25 09:58	08/22/25 07:46	1050mL/2mL	1000mL/2mL	0.95
A5H1406-13	Water	NWTPH-Dx LL	08/19/25 09:31	08/22/25 07:46	1000mL/2mL	1000mL/2mL	1.00
A5H1406-16	Water	NWTPH-Dx LL	08/19/25 11:34	08/22/25 07:46	1070mL/2mL	1000mL/2mL	0.94
A5H1406-17	Water	NWTPH-Dx LL	08/19/25 12:24	08/22/25 07:46	910mL/2mL	1000mL/2mL	1.10
A5H1406-18	Water	NWTPH-Dx LL	08/20/25 08:03	08/22/25 07:46	1050mL/2mL	1000mL/2mL	0.95

Dissolved Diesel and/or Oil Hydrocarbons by NWTPH-Dx**Prep: EPA 3510C (Fuels/Acid Ext.)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25H0939							
A5H1406-19	Water	NWTPH-Dx (Diss)	08/20/25 11:10	08/27/25 07:54	1010mL/2mL	1000mL/2mL	0.99
A5H1406-20	Water	NWTPH-Dx (Diss)	08/20/25 11:10	08/27/25 07:54	1020mL/2mL	1000mL/2mL	0.98

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx**Prep: EPA 5030C**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25H0712							
A5H1406-01	Water	NWTPH-Gx (MS)	08/19/25 10:31	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
A5H1406-02	Water	NWTPH-Gx (MS)	08/20/25 09:59	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
A5H1406-03	Water	NWTPH-Gx (MS)	08/20/25 08:00	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
A5H1406-04	Water	NWTPH-Gx (MS)	08/20/25 08:51	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00

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Darrell Auvil, Client Services Manager

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503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748****SAMPLE PREPARATION INFORMATION****Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx****Prep: EPA 5030C**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25H0794							
A5H1406-05	Water	NWTPH-Gx (MS)	08/20/25 09:03	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-06	Water	NWTPH-Gx (MS)	08/20/25 09:03	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-07	Water	NWTPH-Gx (MS)	08/20/25 11:12	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-08	Water	NWTPH-Gx (MS)	08/20/25 10:11	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-09	Water	NWTPH-Gx (MS)	08/19/25 09:05	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-10	Water	NWTPH-Gx (MS)	08/19/25 10:40	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-11	Water	NWTPH-Gx (MS)	08/19/25 11:39	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-12	Water	NWTPH-Gx (MS)	08/19/25 09:58	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-13	Water	NWTPH-Gx (MS)	08/19/25 09:31	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-14	Water	NWTPH-Gx (MS)	08/20/25 11:10	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-15	Water	NWTPH-Gx (MS)	08/20/25 11:10	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-16	Water	NWTPH-Gx (MS)	08/19/25 11:34	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-17	Water	NWTPH-Gx (MS)	08/19/25 12:24	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-18	Water	NWTPH-Gx (MS)	08/20/25 08:03	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00

Selected Volatile Organic Compounds by EPA 8260D**Prep: EPA 5030C**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25H0712							
A5H1406-01	Water	EPA 8260D	08/19/25 10:31	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
A5H1406-02	Water	EPA 8260D	08/20/25 09:59	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
A5H1406-03	Water	EPA 8260D	08/20/25 08:00	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
A5H1406-04	Water	EPA 8260D	08/20/25 08:51	08/21/25 10:43	5mL/5mL	5mL/5mL	1.00
Batch: 25H0794							
A5H1406-05	Water	EPA 8260D	08/20/25 09:03	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-06	Water	EPA 8260D	08/20/25 09:03	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-07	Water	EPA 8260D	08/20/25 11:12	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-08	Water	EPA 8260D	08/20/25 10:11	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-09	Water	EPA 8260D	08/19/25 09:05	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-10	Water	EPA 8260D	08/19/25 10:40	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-11	Water	EPA 8260D	08/19/25 11:39	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-12	Water	EPA 8260D	08/19/25 09:58	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-13	Water	EPA 8260D	08/19/25 09:31	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-14	Water	EPA 8260D	08/20/25 11:10	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-15	Water	EPA 8260D	08/20/25 11:10	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00

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Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5H1406 - 09 04 25 1748****SAMPLE PREPARATION INFORMATION****Selected Volatile Organic Compounds by EPA 8260D**Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A5H1406-16	Water	EPA 8260D	08/19/25 11:34	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-17	Water	EPA 8260D	08/19/25 12:24	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00
A5H1406-18	Water	EPA 8260D	08/20/25 08:03	08/22/25 11:42	5mL/5mL	5mL/5mL	1.00

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Project: **Sunoco Annex - 3Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Sam J. Russell**

Report ID:
A5H1406 - 09 04 25 1748

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

- DCNT** Sample decanted due to the presence of sediment in water samples, or water in sediment or soil samples. (Note: Decanted aqueous sample bottles are not solvent rinsed.)
- F-11** The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
- F-18** Result for Diesel (Diesel Range Organics, C12-C25) is due to overlap from Gasoline or a Gasoline Range product.
- F-20** Result for Diesel (DRO) is Estimated due to overlap from Gasoline Range Organics or other VOCs.
- FILT2** Sample was lab filtered prior to analysis. See sample preparation section of report for date and time of filtration.
- FILT3** This is a laboratory filtration blank, associated with filtration batch 25H0939. See Prep page of report for associated samples.
- Q-01** Spike recovery and/or RPD is outside acceptance limits.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.

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Project: **Sunoco Annex - 3Q25 - GWM**

Project Number: **19001-008-17**

Project Manager: **Sam J. Russell**

Report ID:

A5H1406 - 09 04 25 1748

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.
ND Analyte NOT DETECTED at or above the detection or reporting limit.
NR Result Not Reported
RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Validated Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.

The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")

See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

Results for Volatiles analyses on soils and sediments that are reported on a "dry weight" basis include the water miscible solvent (WMS) correction referenced in the EPA 8000 Method guidance documents. Solid and Liquid samples reported on an "As Received" basis do not have the WMS correction applied, as dry weight was not performed.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Apex Laboratories

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

Project: **Sunoco Annex - 3Q25 - GWM**

Project Number: **19001-008-17**

Project Manager: **Sam J. Russell**

Report ID:

A5H1406 - 09 04 25 1748

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).

Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

-For Blank hits falling between $\frac{1}{2}$ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.

-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

For further details, please request a copy of this document.

-Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level, if results are not reported to the MDL.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

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Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses.

In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

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LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) -

EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

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APEX LABS		CHAIN OF CUSTODY		Lab # <u>ASPH1406</u> COC <u>2</u> of <u>2</u>																					
Company: <u>GeoEngineers</u>		Project Mgr: <u>Sam J. Russell</u>		Project #: <u>19001-008-17</u>																					
Address: <u>5820 S Kelly Ave, Portland, OR</u>		Project Name: <u>Annex 3Q25 GWM</u>		PO #																					
Sampled by: <u>SAJ</u>		Phone: <u>503-718-2323</u>		Email: <u>Sam.J.Russell@apexlabs.com</u>																					
Site Location: <u>WLA</u>		State: <u>OR</u>		County: <u>Clatsop</u>																					
SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-DX	NWTPH-GX	8260D RTECH	8260D RBDM VOCs	8260 Halo VOCs	8260D VOCs Full List	8270E PAHs	8270E Semi-Vols Full List	8082A PCBs	8081B Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Se, Ag, Mg, Mn, Mo, Ni, K, Hg, Ag, Na, TL, V, Zn, TCPL DISS, TCPL	TCPL Metals (8)	MTBE	Naphthalene	Hold Sample	Frozen Archive		
1 MW-8D	8/14/25	1139	W	5																					
2 MW-9	8/14/25	0958	W	1																					
3 MW-10	8/14/25	0951	W	1																					
4 MW-11	8/14/25	1110	W	1																					
5 MW-11 DUP	8/14/25	1110	W	1																					
6 MW-12	8/14/25	1139	W	1																					
7 MW-12D	8/14/25	1024	W	1																					
8 MW-5D	8/14/25	0833	W	1																					
9																									
10																									

Normal Turn Around Time (TAT) = 10 Business Days → ☒

*** RUSH - Request → Indicate Date Needed: _____

***Rush TAT requests may incur additional cost

For TAT calculations, samples received after 3pm will be considered received the next business day. Data will be reported by 6pm. Samples with <72 hrs of hold time may be surcharged.

SPECIAL INSTRUCTIONS:

RELINQUISHED BY:		RECEIVED BY:	
Signature: <u>Sam J. Russell</u>	Date: <u>8/20/25</u>	Signature: _____	Date: _____
Printed Name: <u>Sam Russell</u>	Time: <u>1438</u>	Signature: _____	Date: _____
Company: <u>GeoEngineers</u>		Printed Name: <u>Kristal Norberg</u>	Time: <u>1438</u>
		Company: <u>Apex</u>	

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5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 3Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Sam J. Russell****Report ID:**
A5H1406 - 09 04 25 1748**APEX LABS COOLER RECEIPT FORM**Client: GEO ENGINEERS Element WO#: A5H1406Project/Project #: Sunoco Annex 3Q25 GWM 19001-008-17**Delivery Info:**Date/time received: 8/20/25 @ 1438 By: KNDelivered by: Apex ☐ Client ☐ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☐**Cooler Inspection** Date/time inspected: 8/20/25 @ 1438 By: KNChain of Custody included? Yes ☐ No ☐Signed/dated by client? Yes ☐ No ☐Contains USDA Reg. Soils? Yes ☐ No ☐ Unsure (email RegSoils) ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>1.6</u>	<u>4.9</u>	<u>0.8</u>	<u>3.8</u>	<u>1.0</u>		
Custody seals? (Y/N)	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>		
Received on ice? (Y/N)	<u>y</u>	<u>y</u>	<u>y</u>	<u>y</u>	<u>y</u>		
Temp. blanks? (Y/N)	<u>y</u>	<u>y</u>	<u>y</u>	<u>y</u>	<u>y</u>		
Ice type: (Gel/Real/Other)	<u>Real</u>	<u>Real</u>	<u>Real</u>	<u>Real</u>	<u>Real</u>		
Condition (In/Out):	<u>in</u>	<u>in</u>	<u>in</u>	<u>in</u>	<u>in</u>		

Cooler out of temp? (Y/N) Possible reason why: Green dots applied to out of temperature samples? Yes ☒ No ☐Out of temperature samples form initiated? Yes ☒ No ☐**Sample Inspection:** Date/time inspected: 8/20/25 @ 1530 By: KRSAll samples intact? Yes ☒ No ☐ Comments: Bottle labels/COCs agree? Yes ☒ No ☐ Comments: COC/container discrepancies form initiated? Yes ☐ No ☒Containers/volumes received appropriate for analysis? Yes ☒ No ☐ Comments: Do VOA vials have visible headspace? Yes ☐ No ☒ NA ☐Comments: Water samples: pH checked: Yes ☒ No ☐ NA ☐ pH appropriate? Yes ☒ No ☐ NA ☐ pH ID: A23I172Comments: Labeled by: Witness: Cooler Inspected by:

Form Y-003 R-02

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