



5820 South Kelly Avenue, Suite B
Portland, Oregon 97239
503.906.6577

July 10, 2025

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

Attention: Thomas Praisewater, Site Manager

Subject: Progress Report, Second Quarter 2025
NuStar Terminals Operations Partnership L.P. Vancouver Annex Terminal
Agreed Order No. DE 19602
Vancouver, Washington
File No. 19001-008-17

This letter provides GeoEngineers, Inc.'s (GeoEngineers') progress report for the Second Quarter 2025 activities associated with Agreed Order No. DE 19602 (the Order) at the NuStar Terminals Operations Partnership L.P. (NuStar) Vancouver Annex Terminal (the Site). This progress report has been prepared and submitted on behalf of NuStar. 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 NuStar to implement a cleanup action plan. This progress report presents the following per the Order:

- A list of activities conducted during the Second 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 Second 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.

Activities Completed During the Reporting Period

The following activities were completed during the reporting period:

- The First Quarter 2024 Progress Letter was submitted to Ecology on April 11, 2025;
- A quarterly groundwater monitoring event was conducted on May 8 and 9, 2025; and
- The injection feasibility test in the MW-5 area, described in the October 17, 2024 request to Ecology for an extension of the MW-5 Area Pilot Study Implementation and Engineering Design Report submittal (Request for Extension), was completed on May 22, 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 electronic data 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 Second 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 by the First Quarter of 2026.

Deliverable Submittals This Year

The following deliverables are anticipated to be submitted during the remainder of 2025:

- Third Quarter Progress Report by October 15, 2025 per the Order; and
- A Revised MW-5 Area Pilot Study Plan by September 30, 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, EIT
Engineering Staff

SR:jm

Attachment A—Analytical Laboratory Reports Second 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

Monday, June 2, 2025

Philip Cordell
GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239

RE: A5E1168 - Sunoco Annex - 2Q25 - 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 A5E1168, which was received by the laboratory on 5/9/2025 at 3:12:00PM.

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)	
<u>Cooler #1 3.4 degC</u>	<u>Cooler #2 3.6 degC</u>

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 2Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Philip Cordell****Report ID:****A5E1168 - 06 02 25 1632****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	A5E1168-01	Water	05/09/25 08:00	05/09/25 15:12
MW-6	A5E1168-02	Water	05/09/25 10:42	05/09/25 15:12
MW-6 DUP	A5E1168-03	Water	05/09/25 10:42	05/09/25 15:12
MW-6 D	A5E1168-04	Water	05/09/25 09:35	05/09/25 15:12
MW-11	A5E1168-05	Water	05/09/25 10:19	05/09/25 15:12
MW-11 DUP	A5E1168-06	Water	05/09/25 10:19	05/09/25 15:12
MW-12 D	A5E1168-07	Water	05/09/25 09:11	05/09/25 15:12

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 (A5E1168-01)			Matrix: Water			Batch: 25E0569		
Diesel	0.536	---	0.0800	mg/L	1	05/16/25 22:19	NWTPH-Dx LL	F-11
Oil	ND	---	0.160	mg/L	1	05/16/25 22:19	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	82 %	Limits:	50-150 %	1	05/16/25 22:19	
MW-6 (A5E1168-02)			Matrix: Water			Batch: 25E0569		
Diesel	2.74	---	0.0755	mg/L	1	05/16/25 22:39	NWTPH-Dx LL	F-13, F-20
Oil	ND	---	0.151	mg/L	1	05/16/25 22:39	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	71 %	Limits:	50-150 %	1	05/16/25 22:39	
MW-6 DUP (A5E1168-03)			Matrix: Water			Batch: 25E0569		
Diesel	3.53	---	0.0769	mg/L	1	05/16/25 23:21	NWTPH-Dx LL	F-13, F-20
Oil	ND	---	0.154	mg/L	1	05/16/25 23:21	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	91 %	Limits:	50-150 %	1	05/16/25 23:21	
MW-6 D (A5E1168-04)			Matrix: Water			Batch: 25E0569		
Diesel	0.143	---	0.0762	mg/L	1	05/16/25 23:41	NWTPH-Dx LL	F-11
Oil	ND	---	0.152	mg/L	1	05/16/25 23:41	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	95 %	Limits:	50-150 %	1	05/16/25 23:41	
MW-11 (A5E1168-05)			Matrix: Water			Batch: 25E0352		
Diesel	ND	---	0.0800	mg/L	1	05/12/25 20:08	NWTPH-Dx LL	
Oil	ND	---	0.160	mg/L	1	05/12/25 20:08	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	74 %	Limits:	50-150 %	1	05/12/25 20:08	
MW-11 DUP (A5E1168-06)			Matrix: Water			Batch: 25E0352		
Diesel	ND	---	0.0777	mg/L	1	05/12/25 20:29	NWTPH-Dx LL	
Oil	ND	---	0.155	mg/L	1	05/12/25 20:29	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	81 %	Limits:	50-150 %	1	05/12/25 20:29	
MW-12 D (A5E1168-07)			Matrix: Water			Batch: 25E0569		
Diesel	ND	---	0.0769	mg/L	1	05/17/25 00:02	NWTPH-Dx LL	
Oil	ND	---	0.154	mg/L	1	05/17/25 00:02	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery:	77 %	Limits:	50-150 %	1	05/17/25 00:02	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 (A5E1168-01)		Matrix: Water			Batch: 25E0389			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/13/25 11:40	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	108 %	Limits: 50-150 %	1	05/13/25 11:40	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			105 %	50-150 %	1	05/13/25 11:40	NWTPH-Gx (MS)	
MW-6 (A5E1168-02)		Matrix: Water			Batch: 25E0389			
Gasoline Range Organics	17.5	---	1.00	mg/L	10	05/13/25 15:21	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	99 %	Limits: 50-150 %	1	05/13/25 15:21	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/13/25 15:21	NWTPH-Gx (MS)	
MW-6 DUP (A5E1168-03)		Matrix: Water			Batch: 25E0343			
Gasoline Range Organics	18.9	---	2.00	mg/L	20	05/12/25 19:32	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	101 %	Limits: 50-150 %	1	05/12/25 19:32	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/12/25 19:32	NWTPH-Gx (MS)	
MW-6 D (A5E1168-04)		Matrix: Water			Batch: 25E0343			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/12/25 18:09	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	102 %	Limits: 50-150 %	1	05/12/25 18:09	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/12/25 18:09	NWTPH-Gx (MS)	
MW-11 (A5E1168-05)		Matrix: Water			Batch: 25E0343			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/12/25 18:37	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	102 %	Limits: 50-150 %	1	05/12/25 18:37	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			104 %	50-150 %	1	05/12/25 18:37	NWTPH-Gx (MS)	
MW-11 DUP (A5E1168-06)		Matrix: Water			Batch: 25E0343			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/12/25 19:04	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	102 %	Limits: 50-150 %	1	05/12/25 19:04	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			105 %	50-150 %	1	05/12/25 19:04	NWTPH-Gx (MS)	
MW-12 D (A5E1168-07)		Matrix: Water			Batch: 25E0389			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/13/25 14:26	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	103 %	Limits: 50-150 %	1	05/13/25 14:26	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			102 %	50-150 %	1	05/13/25 14:26	NWTPH-Gx (MS)	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 (A5E1168-01)		Matrix: Water			Batch: 25E0389			
Benzene	ND	---	0.200	ug/L	1	05/13/25 11:40	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/13/25 11:40	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/13/25 11:40	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/13/25 11:40	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/13/25 11:40	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/13/25 11:40	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	101 %	Limits:	80-120 %	1	05/13/25 11:40	EPA 8260D
Toluene-d8 (Surr)			99 %		80-120 %	1	05/13/25 11:40	EPA 8260D
4-Bromofluorobenzene (Surr)			101 %		80-120 %	1	05/13/25 11:40	EPA 8260D
MW-6 (A5E1168-02)		Matrix: Water			Batch: 25E0389			
Benzene	216	---	2.00	ug/L	10	05/13/25 15:21	EPA 8260D	
Toluene	13.8	---	10.0	ug/L	10	05/13/25 15:21	EPA 8260D	
Ethylbenzene	1880	---	5.00	ug/L	10	05/13/25 15:21	EPA 8260D	
Xylenes, total	131	---	15.0	ug/L	10	05/13/25 15:21	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	05/13/25 15:21	EPA 8260D	
Naphthalene	450	---	50.0	ug/L	10	05/13/25 15:21	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	98 %	Limits:	80-120 %	1	05/13/25 15:21	EPA 8260D
Toluene-d8 (Surr)			101 %		80-120 %	1	05/13/25 15:21	EPA 8260D
4-Bromofluorobenzene (Surr)			97 %		80-120 %	1	05/13/25 15:21	EPA 8260D
MW-6 DUP (A5E1168-03)		Matrix: Water			Batch: 25E0343			
Benzene	218	---	4.00	ug/L	20	05/12/25 19:32	EPA 8260D	
Toluene	ND	---	20.0	ug/L	20	05/12/25 19:32	EPA 8260D	
Ethylbenzene	1940	---	10.0	ug/L	20	05/12/25 19:32	EPA 8260D	
Xylenes, total	125	---	30.0	ug/L	20	05/12/25 19:32	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	20.0	ug/L	20	05/12/25 19:32	EPA 8260D	
Naphthalene	353	---	100	ug/L	20	05/12/25 19:32	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	100 %	Limits:	80-120 %	1	05/12/25 19:32	EPA 8260D
Toluene-d8 (Surr)			101 %		80-120 %	1	05/12/25 19:32	EPA 8260D
4-Bromofluorobenzene (Surr)			96 %		80-120 %	1	05/12/25 19:32	EPA 8260D
MW-6 D (A5E1168-04)		Matrix: Water			Batch: 25E0343			
Benzene	ND	---	0.200	ug/L	1	05/12/25 18:09	EPA 8260D	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 D (A5E1168-04)		Matrix: Water			Batch: 25E0343			
Toluene	ND	---	1.00	ug/L	1	05/12/25 18:09	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/12/25 18:09	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/12/25 18:09	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/12/25 18:09	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/12/25 18:09	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	100 %	Limits:	80-120 %	1	05/12/25 18:09	EPA 8260D
Toluene-d8 (Surr)			100 %		80-120 %	1	05/12/25 18:09	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	05/12/25 18:09	EPA 8260D
MW-11 (A5E1168-05)		Matrix: Water			Batch: 25E0343			
Benzene	ND	---	0.200	ug/L	1	05/12/25 18:37	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/12/25 18:37	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/12/25 18:37	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/12/25 18:37	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/12/25 18:37	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/12/25 18:37	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	99 %	Limits:	80-120 %	1	05/12/25 18:37	EPA 8260D
Toluene-d8 (Surr)			100 %		80-120 %	1	05/12/25 18:37	EPA 8260D
4-Bromofluorobenzene (Surr)			105 %		80-120 %	1	05/12/25 18:37	EPA 8260D
MW-11 DUP (A5E1168-06)		Matrix: Water			Batch: 25E0343			
Benzene	ND	---	0.200	ug/L	1	05/12/25 19:04	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/12/25 19:04	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/12/25 19:04	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/12/25 19:04	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/12/25 19:04	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/12/25 19:04	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	100 %	Limits:	80-120 %	1	05/12/25 19:04	EPA 8260D
Toluene-d8 (Surr)			99 %		80-120 %	1	05/12/25 19:04	EPA 8260D
4-Bromofluorobenzene (Surr)			107 %		80-120 %	1	05/12/25 19:04	EPA 8260D
MW-12 D (A5E1168-07)		Matrix: Water			Batch: 25E0389			
Benzene	ND	---	0.200	ug/L	1	05/13/25 14:26	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/13/25 14:26	EPA 8260D	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM

Project Number: 19001-008-17

Project Manager: Philip Cordell

Report ID:

A5E1168 - 06 02 25 1632

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 D (A5E1168-07)		Matrix: Water			Batch: 25E0389			
Ethylbenzene	ND	---	0.500	ug/L	1	05/13/25 14:26	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/13/25 14:26	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/13/25 14:26	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/13/25 14:26	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 100 %		Limits: 80-120 %	1	05/13/25 14:26	EPA 8260D	
Toluene-d8 (Surr)		99 %		80-120 %	1	05/13/25 14:26	EPA 8260D	
4-Bromofluorobenzene (Surr)		100 %		80-120 %	1	05/13/25 14:26	EPA 8260D	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Philip Cordell****Report ID:**
A5E1168 - 06 02 25 1632**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 25E0352 - EPA 3510C (Fuels/Acid Ext.)						Water							
Blank (25E0352-BLK1)			Prepared: 05/12/25 10:35 Analyzed: 05/12/25 20:08										
NWTPH-Dx LL													
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 (25E0352-BS1)			Prepared: 05/12/25 10:35 Analyzed: 05/12/25 20:29										
NWTPH-Dx LL													
Diesel	0.377	---	0.0800	mg/L	1	0.500	---	75	36-132%	---	---		
Surr: o-Terphenyl (Surr)		Recovery: 90 %		Limits: 50-150 %		Dilution: 1x							
LCS Dup (25E0352-BSD1)			Prepared: 05/12/25 10:35 Analyzed: 05/12/25 20:49										Q-19
NWTPH-Dx LL													
Diesel	0.355	---	0.0800	mg/L	1	0.500	---	71	36-132%	6	30%		
Surr: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x							
Batch 25E0569 - EPA 3510C (Fuels/Acid Ext.)						Water							
Blank (25E0569-BLK1)			Prepared: 05/16/25 11:14 Analyzed: 05/16/25 19:55										
NWTPH-Dx LL													
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---		
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---		
Surr: o-Terphenyl (Surr)		Recovery: 85 %		Limits: 50-150 %		Dilution: 1x							
LCS (25E0569-BS1)			Prepared: 05/16/25 11:14 Analyzed: 05/16/25 20:15										
NWTPH-Dx LL													
Diesel	0.337	---	0.0800	mg/L	1	0.500	---	67	36-132%	---	---		
Surr: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %		Dilution: 1x							
LCS Dup (25E0569-BSD1)			Prepared: 05/16/25 11:14 Analyzed: 05/16/25 20:36										Q-19
NWTPH-Dx LL													
Diesel	0.320	---	0.0800	mg/L	1	0.500	---	64	36-132%	5	30%		
Surr: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %		Dilution: 1x							

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
ASE1168 - 06 02 25 1632

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 25E0343 - EPA 5030C						Water						
Blank (25E0343-BLK1)			Prepared: 05/12/25 09:27 Analyzed: 05/12/25 13:04									
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		104 %		50-150 %		"						
LCS (25E0343-BS2)			Prepared: 05/12/25 09:27 Analyzed: 05/12/25 12:37									
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	0.481	---	0.100	mg/L	1	0.500	---	96	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 95 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		103 %		50-150 %		"						
Duplicate (25E0343-DUP1)			Prepared: 05/12/25 09:27 Analyzed: 05/13/25 01:31									T-02
<u>QC Source Sample: Non-SDG (A5E1157-05)</u>												
Gasoline Range Organics	ND	---	5.00	mg/L	50	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 102 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		107 %		50-150 %		"						

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 25E0389 - EPA 5030C						Water						
Blank (25E0389-BLK1)			Prepared: 05/13/25 07:44 Analyzed: 05/13/25 11:12									
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 106 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		105 %		50-150 %		"						
LCS (25E0389-BS2)			Prepared: 05/13/25 07:44 Analyzed: 05/13/25 10:30									
NWTPH-Gx (MS)												
Gasoline Range Organics	0.487	---	0.100	mg/L	1	0.500	---	97	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 105 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		103 %		50-150 %		"						
Duplicate (25E0389-DUP1)			Prepared: 05/13/25 07:44 Analyzed: 05/13/25 15:49									
QC Source Sample: MW-6 (A5E1168-02)												
NWTPH-Gx (MS)												
Gasoline Range Organics	16.9	---	1.00	mg/L	10	---	17.5	---	---	4	30%	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 99 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 25E0343 - EPA 5030C												
Water												
Blank (25E0343-BLK1)												
Prepared: 05/12/25 09:27 Analyzed: 05/12/25 13:04												
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	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr) Recovery: 100 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr) 102 % 80-120 % "												
4-Bromofluorobenzene (Surr) 96 % 80-120 % "												
LCS (25E0343-BS1)												
Prepared: 05/12/25 09:27 Analyzed: 05/12/25 11:35												
EPA 8260D												
Benzene	18.9	---	0.200	ug/L	1	20.0	---	94	80-120%	---	---	
Toluene	18.4	---	1.00	ug/L	1	20.0	---	92	80-120%	---	---	
Ethylbenzene	19.1	---	0.500	ug/L	1	20.0	---	96	80-120%	---	---	
Xylenes, total	60.8	---	1.50	ug/L	1	60.0	---	101	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	20.3	---	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
Naphthalene	19.4	---	5.00	ug/L	1	20.0	---	97	80-120%	---	---	
1,2-Dibromoethane (EDB)	20.3	---	0.500	ug/L	1	20.0	---	101	80-120%	---	---	
1,2-Dichloroethane (EDC)	19.5	---	0.400	ug/L	1	20.0	---	97	80-120%	---	---	
Isopropylbenzene	17.9	---	1.00	ug/L	1	20.0	---	89	80-120%	---	---	
1,2,4-Trimethylbenzene	21.4	---	1.00	ug/L	1	20.0	---	107	80-120%	---	---	
1,3,5-Trimethylbenzene	21.8	---	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr) Recovery: 99 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr) 100 % 80-120 % "												
4-Bromofluorobenzene (Surr) 95 % 80-120 % "												
Duplicate (25E0343-DUP1)												
Prepared: 05/12/25 09:27 Analyzed: 05/13/25 01:31												
T-02												

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 2Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Philip Cordell****Report ID:**

A5E1168 - 06 02 25 1632

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 25E0343 - EPA 5030C												
Water												
Duplicate (25E0343-DUP1)												
Prepared: 05/12/25 09:27 Analyzed: 05/13/25 01:31												
QC Source Sample: Non-SDG (A5E1157-05)												
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%	
1,2-Dibromoethane (EDB)	ND	---	25.0	ug/L	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	20.0	ug/L	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	50.0	ug/L	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	50.0	ug/L	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	50.0	ug/L	50	---	ND	---	---	---	30%	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 101 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 101 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 98 % 80-120 % "</i>												

Matrix Spike (25E0343-MS1)

Prepared: 05/12/25 09:27 Analyzed: 05/13/25 01:59

T-02

QC Source Sample: Non-SDG (A5E1196-01)												
EPA 8260D												
Benzene	20.4	---	0.200	ug/L	1	20.0	ND	102	79-120%	---	---	
Toluene	19.7	---	1.00	ug/L	1	20.0	ND	98	80-121%	---	---	
Ethylbenzene	21.1	---	0.500	ug/L	1	20.0	ND	105	79-121%	---	---	
Xylenes, total	66.3	---	1.50	ug/L	1	60.0	ND	110	79-121%	---	---	
Methyl tert-butyl ether (MTBE)	20.4	---	1.00	ug/L	1	20.0	ND	102	71-124%	---	---	
Naphthalene	17.5	---	5.00	ug/L	1	20.0	ND	88	61-128%	---	---	
1,2-Dibromoethane (EDB)	20.7	---	0.500	ug/L	1	20.0	ND	103	77-121%	---	---	
1,2-Dichloroethane (EDC)	20.9	---	0.400	ug/L	1	20.0	ND	105	73-128%	---	---	
Isopropylbenzene	19.5	---	1.00	ug/L	1	20.0	ND	98	72-131%	---	---	
1,2,4-Trimethylbenzene	21.4	---	1.00	ug/L	1	20.0	ND	107	76-124%	---	---	
1,3,5-Trimethylbenzene	22.1	---	1.00	ug/L	1	20.0	ND	110	75-124%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 100 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 100 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 93 % 80-120 % "</i>												

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager

Page 12 of 24



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip CordellReport ID:
A5E1168 - 06 02 25 1632

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 25E0389 - EPA 5030C												
Water												
Blank (25E0389-BLK1)												
Prepared: 05/13/25 07:44 Analyzed: 05/13/25 11:12												
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	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr) Recovery: 100 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr) 100 % 80-120 % "												
4-Bromofluorobenzene (Surr) 101 % 80-120 % "												
LCS (25E0389-BS1)												
Prepared: 05/13/25 07:44 Analyzed: 05/13/25 09:35												
EPA 8260D												
Benzene	19.9	---	0.200	ug/L	1	20.0	---	99	80-120%	---	---	
Toluene	19.1	---	1.00	ug/L	1	20.0	---	95	80-120%	---	---	
Ethylbenzene	20.3	---	0.500	ug/L	1	20.0	---	102	80-120%	---	---	
Xylenes, total	65.6	---	1.50	ug/L	1	60.0	---	109	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	20.1	---	1.00	ug/L	1	20.0	---	100	80-120%	---	---	
Naphthalene	16.4	---	5.00	ug/L	1	20.0	---	82	80-120%	---	---	
1,2-Dibromoethane (EDB)	20.3	---	0.500	ug/L	1	20.0	---	101	80-120%	---	---	
1,2-Dichloroethane (EDC)	20.6	---	0.400	ug/L	1	20.0	---	103	80-120%	---	---	
Isopropylbenzene	19.2	---	1.00	ug/L	1	20.0	---	96	80-120%	---	---	
1,2,4-Trimethylbenzene	20.7	---	1.00	ug/L	1	20.0	---	103	80-120%	---	---	
1,3,5-Trimethylbenzene	21.2	---	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr) Recovery: 101 % Limits: 80-120 % Dilution: 1x												
Toluene-d8 (Surr) 99 % 80-120 % "												
4-Bromofluorobenzene (Surr) 91 % 80-120 % "												
Duplicate (25E0389-DUP1)												
Prepared: 05/13/25 07:44 Analyzed: 05/13/25 15:49												

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 2Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Philip Cordell****Report ID:****A5E1168 - 06 02 25 1632**

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 25E0389 - EPA 5030C												
Water												
Duplicate (25E0389-DUP1)												
Prepared: 05/13/25 07:44 Analyzed: 05/13/25 15:49												
QC Source Sample: MW-6 (A5E1168-02)												
EPA 8260D												
Benzene	208	---	2.00	ug/L	10	---	216	---	---	4	30%	
Toluene	13.1	---	10.0	ug/L	10	---	13.8	---	---	5	30%	
Ethylbenzene	1790	---	5.00	ug/L	10	---	1880	---	---	5	30%	
Xylenes, total	126	---	15.0	ug/L	10	---	131	---	---	3	30%	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	---	ND	---	---	---	30%	
Naphthalene	451	---	50.0	ug/L	10	---	450	---	---	0.2	30%	
1,2-Dibromoethane (EDB)	ND	---	5.00	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	4.00	ug/L	10	---	ND	---	---	---	30%	
Isopropylbenzene	68.6	---	10.0	ug/L	10	---	68.7	---	---	0.1	30%	
1,2,4-Trimethylbenzene	64.8	---	10.0	ug/L	10	---	67.1	---	---	3	30%	
1,3,5-Trimethylbenzene	26.6	---	10.0	ug/L	10	---	27.6	---	---	4	30%	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 98 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 101 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 97 % 80-120 % "</i>												

Matrix Spike (25E0389-MS1)

Prepared: 05/13/25 07:44 Analyzed: 05/13/25 17:12

QC Source Sample: MW-12 D (A5E1168-07)												
EPA 8260D												
Benzene	20.5	---	0.200	ug/L	1	20.0	ND	103	79-120%	---	---	
Toluene	20.2	---	1.00	ug/L	1	20.0	ND	101	80-121%	---	---	
Ethylbenzene	22.0	---	0.500	ug/L	1	20.0	ND	108	79-121%	---	---	
Xylenes, total	71.8	---	1.50	ug/L	1	60.0	ND	120	79-121%	---	---	
Methyl tert-butyl ether (MTBE)	21.5	---	1.00	ug/L	1	20.0	ND	107	71-124%	---	---	
Naphthalene	19.2	---	5.00	ug/L	1	20.0	ND	96	61-128%	---	---	
1,2-Dibromoethane (EDB)	20.5	---	0.500	ug/L	1	20.0	ND	103	77-121%	---	---	
1,2-Dichloroethane (EDC)	20.0	---	0.400	ug/L	1	20.0	ND	100	73-128%	---	---	
Isopropylbenzene	21.8	---	1.00	ug/L	1	20.0	ND	109	72-131%	---	---	
1,2,4-Trimethylbenzene	23.4	---	1.00	ug/L	1	20.0	ND	117	76-124%	---	---	
1,3,5-Trimethylbenzene	24.2	---	1.00	ug/L	1	20.0	ND	121	75-124%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 99 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 99 % 80-120 % "</i>												

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Philip Cordell**

Report ID:
A5E1168 - 06 02 25 1632

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 25E0389 - EPA 5030C							Water					
Matrix Spike (25E0389-MS1)			Prepared: 05/13/25 07:44 Analyzed: 05/13/25 17:12									
QC Source Sample: MW-12 D (ASE1168-07)												
Surr: 4-Bromofluorobenzene (Surr)				Recovery: 96 %		Limits: 80-120 %		Dilution: 1x				

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

**ANALYTICAL REPORT****Apex Laboratories, LLC**6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 2Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Philip Cordell****Report ID:****A5E1168 - 06 02 25 1632****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: 25E0352							
A5E1168-05	Water	NWTPH-Dx LL	05/09/25 10:19	05/12/25 10:35	1000mL/2mL	1000mL/2mL	1.00
A5E1168-06	Water	NWTPH-Dx LL	05/09/25 10:19	05/12/25 10:35	1030mL/2mL	1000mL/2mL	0.97
Batch: 25E0569							
A5E1168-01	Water	NWTPH-Dx LL	05/09/25 08:00	05/16/25 12:02	1000mL/2mL	1000mL/2mL	1.00
A5E1168-02	Water	NWTPH-Dx LL	05/09/25 10:42	05/16/25 12:02	1060mL/2mL	1000mL/2mL	0.94
A5E1168-03	Water	NWTPH-Dx LL	05/09/25 10:42	05/16/25 12:02	1040mL/2mL	1000mL/2mL	0.96
A5E1168-04	Water	NWTPH-Dx LL	05/09/25 09:35	05/16/25 12:02	1050mL/2mL	1000mL/2mL	0.95
A5E1168-07	Water	NWTPH-Dx LL	05/09/25 09:11	05/16/25 12:02	1040mL/2mL	1000mL/2mL	0.96

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: 25E0343							
A5E1168-03	Water	NWTPH-Gx (MS)	05/09/25 10:42	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
A5E1168-04	Water	NWTPH-Gx (MS)	05/09/25 09:35	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
A5E1168-05	Water	NWTPH-Gx (MS)	05/09/25 10:19	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
A5E1168-06	Water	NWTPH-Gx (MS)	05/09/25 10:19	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
Batch: 25E0389							
A5E1168-01	Water	NWTPH-Gx (MS)	05/09/25 08:00	05/13/25 10:40	5mL/5mL	5mL/5mL	1.00
A5E1168-02	Water	NWTPH-Gx (MS)	05/09/25 10:42	05/13/25 10:40	5mL/5mL	5mL/5mL	1.00
A5E1168-07	Water	NWTPH-Gx (MS)	05/09/25 09:11	05/13/25 10:40	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: 25E0343							
A5E1168-03	Water	EPA 8260D	05/09/25 10:42	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
A5E1168-04	Water	EPA 8260D	05/09/25 09:35	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
A5E1168-05	Water	EPA 8260D	05/09/25 10:19	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
A5E1168-06	Water	EPA 8260D	05/09/25 10:19	05/12/25 12:49	5mL/5mL	5mL/5mL	1.00
Batch: 25E0389							
A5E1168-01	Water	EPA 8260D	05/09/25 08:00	05/13/25 10:40	5mL/5mL	5mL/5mL	1.00
A5E1168-02	Water	EPA 8260D	05/09/25 10:42	05/13/25 10:40	5mL/5mL	5mL/5mL	1.00

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager

Page 16 of 24



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 - 2Q25 - GWM**

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

Project Manager: **Philip Cordell**

Report ID:

A5E1168 - 06 02 25 1632

SAMPLE PREPARATION INFORMATION

Selected Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
A5E1168-07	Water	EPA 8260D	05/09/25 09:11	05/13/25 10:40	5mL/5mL	5mL/5mL	1.00

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Philip Cordell**

Report ID:
A5E1168 - 06 02 25 1632

QUALIFIER DEFINITIONS

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

Apex Laboratories

- F-11** The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
- F-13** The chromatographic pattern does not resemble the fuel standard used for quantitation
- F-20** Result for Diesel (DRO) is Estimated due to overlap from Gasoline Range Organics or other VOCs.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- T-02** This Batch QC sample was analyzed outside of the method specified 12 hour analysis window. Results are estimated.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Philip Cordell**

Report ID:
A5E1168 - 06 02 25 1632

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Philip Cordell**

Report ID:
A5E1168 - 06 02 25 1632

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

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM**

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

Project Manager: **Philip Cordell**

Report ID:

A5E1168 - 06 02 25 1632

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.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip Cordell

Report ID:
A5E1168 - 06 02 25 1632

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
--------	----------	--------	---------	--------	---------------

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Philip Cordell

Report ID:
A5E1168 - 06 02 25 1632

APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		CHAIN OF CUSTODY		Lab # <u>APE1168</u> coc <u>1</u> of <u>1</u>	
Company: <u>GeoEngineers</u>		Project Mgr: <u>Phil Cordell</u>		Project Name: <u>Sunoco Annex 2Q25GWM</u>	
Address: <u>5820 S Kelly Ave Portland, OR</u>		Phone: _____		Project # <u>19001-008-17</u>	
Sampled by: <u>C Watson / S Russell</u>		Email: <u>pcordell@geoengineers.com</u>		PO # _____	
Site Location: _____		ANALYSIS REQUEST			
State: <u>WA</u>	County: <u>Clark</u>				
SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-CD
1 MW-1	5/9/25	0800	W	5	XXXX
2 MW-6	1042				
3 MW-6 DUP	1042				
4 MW-6 D	0935				
5 MW-11	1019				
6 MW-11 DUP	1019				
7 MW-12 D	0911				
8					
9					
10					
		SPECIAL INSTRUCTIONS: * Napthalene ** MTBE			
Standard Turn Around Time (TAT) = 10 Business Days					
TAT Requested (circle) 1 Day 2 Day 3 Day 5 Day <u>Standard</u> Other: _____					
SAMPLES ARE HELD FOR 30 DAYS					
RELINQUISHED BY: Signature: <u>COE</u>	RECEIVED BY: Signature: <u>W</u>				
Date: <u>5/9/25</u>	Date: <u>5/9/25</u>				
Printed Name: <u>Colin Watson</u>	Printed Name: <u>Kurt Norberg</u>				
Time: <u>1512</u>	Time: <u>1512</u>				
Company: <u>GeoEngineers</u>	Company: <u>Apex</u>				

Form Y-002 R-01

Apex Laboratories

Darrell Auvil

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM

Project Number: 19001-008-17

Project Manager: Philip Cordell

Report ID:

A5E1168 - 06 02 25 1632

APEX LABS COOLER RECEIPT FORM

Client: GeoEngineers Element WO#: A5E1168Project/Project #: Sunoco Annex 2Q25GWM / 19001-008-17

Delivery Info:

Date/time received: 5/9/25 @ 1512 By: KNDelivered by: Apex ☒ Client ☒ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☒Cooler Inspection Date/time inspected: 5/9/25 @ 1512 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>3.4</u>	<u>3.6</u>					
Custody seals? (Y/N)	<u>N</u>	<u>N</u>					
Received on ice? (Y/N)	<u>y</u>	<u>y</u>					
Temp. blanks? (Y/N)	<u>y</u>	<u>y</u>					
Ice type: (Gel/Real/Other)	<u>Real</u>	<u>Real</u>					
Condition (In/Out):	<u>In</u>	<u>In</u>					

Cooler out of temp? (Y/N) Possible reason why: KN 5/9/25Green dots applied to out of temperature samples? Yes ☒ No ☐Out of temperature samples form initiated? Yes ☒ No ☐Sample Inspection: Date/time inspected: 5/9/25 @ 1533 By: KNAll samples intact? Yes ☒ No ☐ Comments: ASMBottle labels/COCs agree? Yes ☒ No ☐ Comments: ASMCOC/container discrepancies form initiated? Yes ☐ No ☒Containers/volumes received appropriate for analysis? Yes ☒ No ☐ Comments: ASMDo VOA vials have visible headspace? Yes ☐ No ☒ NA ☐Comments: ASMWater samples: pH checked: Yes ☒ No ☐ NA ☐ pH appropriate? Yes ☒ No ☐ NA ☐ pH ID: A231172Comments: unpreserved 1L Ambers provided for MW-11 and MW-11 DUP, preserved with 4 ml HCl

Labeled by:

KN

Witness:

KN

Cooler Inspected by:

KN

Form Y-003 R-02

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager

Page 24 of 24



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Tuesday, May 27, 2025

Sam J. Russell

GeoEngineers - Portland

5820 S Kelly Ave Unit B

Portland, OR 97239

RE: A5E1128 - Sunoco Annex - 2Q25 - 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 A5E1128, which was received by the laboratory on 5/8/2025 at 3:09:00PM.

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	5.9	degC	Cooler #2 5.8 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

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5E1128 - 05 27 25 1721

ANALYTICAL REPORT FOR SAMPLES**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	A5E1128-01	Water	05/08/25 11:16	05/08/25 15:09
MW-3	A5E1128-02	Water	05/08/25 12:13	05/08/25 15:09
MW-4	A5E1128-03	Water	05/08/25 10:24	05/08/25 15:09
MW-5	A5E1128-04	Water	05/08/25 12:20	05/08/25 15:09
MW-5D	A5E1128-05	Water	05/08/25 11:50	05/08/25 15:09
MW-7	A5E1128-06	Water	05/08/25 09:19	05/08/25 15:09
MW-8	A5E1128-07	Water	05/08/25 10:57	05/08/25 15:09
MW-8D	A5E1128-08	Water	05/08/25 13:17	05/08/25 15:09
MW-9	A5E1128-09	Water	05/08/25 10:06	05/08/25 15:09
MW-10	A5E1128-10	Water	05/08/25 09:35	05/08/25 15:09
MW-12	A5E1128-11	Water	05/08/25 13:16	05/08/25 15:09

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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-2 (A5E1128-01)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0777	mg/L	1	05/13/25 20:35	NWTPH-Dx LL	
Oil	ND	---	0.155	mg/L	1	05/13/25 20:35	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 108 %		Limits: 50-150 %	1	05/13/25 20:35	NWTPH-Dx LL	
MW-3 (A5E1128-02)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0777	mg/L	1	05/13/25 20:56	NWTPH-Dx LL	
Oil	ND	---	0.155	mg/L	1	05/13/25 20:56	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 100 %		Limits: 50-150 %	1	05/13/25 20:56	NWTPH-Dx LL	
MW-4 (A5E1128-03)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0808	mg/L	1	05/13/25 21:16	NWTPH-Dx LL	
Oil	ND	---	0.162	mg/L	1	05/13/25 21:16	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 99 %		Limits: 50-150 %	1	05/13/25 21:16	NWTPH-Dx LL	
MW-5 (A5E1128-04)		Matrix: Water			Batch: 25E0414			
Diesel	1.29	---	0.0762	mg/L	1	05/13/25 21:37	NWTPH-Dx LL	F-18
Oil	ND	---	0.152	mg/L	1	05/13/25 21:37	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %	1	05/13/25 21:37	NWTPH-Dx LL	
MW-5D (A5E1128-05)		Matrix: Water			Batch: 25E0414			
Diesel	0.498	---	0.0769	mg/L	1	05/13/25 21:57	NWTPH-Dx LL	F-11
Oil	ND	---	0.154	mg/L	1	05/13/25 21:57	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 95 %		Limits: 50-150 %	1	05/13/25 21:57	NWTPH-Dx LL	
MW-7 (A5E1128-06)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0762	mg/L	1	05/13/25 22:18	NWTPH-Dx LL	
Oil	ND	---	0.152	mg/L	1	05/13/25 22:18	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 90 %		Limits: 50-150 %	1	05/13/25 22:18	NWTPH-Dx LL	
MW-8 (A5E1128-07)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0762	mg/L	1	05/13/25 22:39	NWTPH-Dx LL	
Oil	ND	---	0.152	mg/L	1	05/13/25 22:39	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %	1	05/13/25 22:39	NWTPH-Dx LL	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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-8D (A5E1128-08)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0762	mg/L	1	05/13/25 22:59	NWTPH-Dx LL	
Oil	ND	---	0.152	mg/L	1	05/13/25 22:59	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 78 %		Limits: 50-150 %	1	05/13/25 22:59	NWTPH-Dx LL	
MW-9 (A5E1128-09)		Matrix: Water			Batch: 25E0414			
Diesel	ND	---	0.0769	mg/L	1	05/13/25 23:20	NWTPH-Dx LL	
Oil	ND	---	0.154	mg/L	1	05/13/25 23:20	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 82 %		Limits: 50-150 %	1	05/13/25 23:20	NWTPH-Dx LL	
MW-10 (A5E1128-10)		Matrix: Water			Batch: 25E0569			
Diesel	ND	---	0.0784	mg/L	1	05/16/25 20:56	NWTPH-Dx LL	
Oil	ND	---	0.157	mg/L	1	05/16/25 20:56	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 84 %		Limits: 50-150 %	1	05/16/25 20:56	NWTPH-Dx LL	
MW-12 (A5E1128-11)		Matrix: Water			Batch: 25E0569			
Diesel	0.165	---	0.0808	mg/L	1	05/16/25 21:17	NWTPH-Dx LL	F-11
Oil	ND	---	0.162	mg/L	1	05/16/25 21:17	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		Recovery: 82 %		Limits: 50-150 %	1	05/16/25 21:17	NWTPH-Dx LL	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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-2 (A5E1128-01)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 15:27	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	103 %	Limits: 50-150 %	1	05/09/25 15:27	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			102 %	50-150 %	1	05/09/25 15:27	NWTPH-Gx (MS)	
MW-3 (A5E1128-02)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 15:55	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	103 %	Limits: 50-150 %	1	05/09/25 15:55	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/09/25 15:55	NWTPH-Gx (MS)	
MW-4 (A5E1128-03)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 16:22	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	103 %	Limits: 50-150 %	1	05/09/25 16:22	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/09/25 16:22	NWTPH-Gx (MS)	
MW-5 (A5E1128-04)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	22.9	---	2.00	mg/L	20	05/09/25 22:22	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	104 %	Limits: 50-150 %	1	05/09/25 22:22	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	05/09/25 22:22	NWTPH-Gx (MS)	
MW-5D (A5E1128-05)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	0.141	---	0.100	mg/L	1	05/09/25 16:50	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	106 %	Limits: 50-150 %	1	05/09/25 16:50	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			104 %	50-150 %	1	05/09/25 16:50	NWTPH-Gx (MS)	
MW-7 (A5E1128-06)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 17:17	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	105 %	Limits: 50-150 %	1	05/09/25 17:17	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/09/25 17:17	NWTPH-Gx (MS)	
MW-8 (A5E1128-07)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 17:45	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	105 %	Limits: 50-150 %	1	05/09/25 17:45	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			103 %	50-150 %	1	05/09/25 17:45	NWTPH-Gx (MS)	
MW-8D (A5E1128-08)		Matrix: Water			Batch: 25E0312			

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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-8D (A5E1128-08)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 18:13	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	105 %	Limits: 50-150 %	1	05/09/25 18:13	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			104 %	50-150 %	1	05/09/25 18:13	NWTPH-Gx (MS)	
MW-9 (A5E1128-09)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 18:41	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	105 %	Limits: 50-150 %	1	05/09/25 18:41	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			104 %	50-150 %	1	05/09/25 18:41	NWTPH-Gx (MS)	
MW-10 (A5E1128-10)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 19:09	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	107 %	Limits: 50-150 %	1	05/09/25 19:09	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			104 %	50-150 %	1	05/09/25 19:09	NWTPH-Gx (MS)	
MW-12 (A5E1128-11)		Matrix: Water			Batch: 25E0312			
Gasoline Range Organics	ND	---	0.100	mg/L	1	05/09/25 19:36	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	106 %	Limits: 50-150 %	1	05/09/25 19:36	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			105 %	50-150 %	1	05/09/25 19:36	NWTPH-Gx (MS)	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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-2 (A5E1128-01)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 15:27	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 15:27	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 15:27	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 15:27	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 15:27	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 15:27	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	100 %	Limits:	80-120 %	1	05/09/25 15:27	EPA 8260D
Toluene-d8 (Surr)			99 %		80-120 %	1	05/09/25 15:27	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	05/09/25 15:27	EPA 8260D
MW-3 (A5E1128-02)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 15:55	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 15:55	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 15:55	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 15:55	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 15:55	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 15:55	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	98 %	Limits:	80-120 %	1	05/09/25 15:55	EPA 8260D
Toluene-d8 (Surr)			100 %		80-120 %	1	05/09/25 15:55	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	05/09/25 15:55	EPA 8260D
MW-4 (A5E1128-03)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 16:22	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 16:22	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 16:22	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 16:22	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 16:22	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 16:22	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	100 %	Limits:	80-120 %	1	05/09/25 16:22	EPA 8260D
Toluene-d8 (Surr)			100 %		80-120 %	1	05/09/25 16:22	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	05/09/25 16:22	EPA 8260D
MW-5 (A5E1128-04)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	4.00	ug/L	20	05/09/25 22:22	EPA 8260D	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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-5 (A5E1128-04)		Matrix: Water			Batch: 25E0312			
Toluene	ND	---	20.0	ug/L	20	05/09/25 22:22	EPA 8260D	
Ethylbenzene	73.8	---	10.0	ug/L	20	05/09/25 22:22	EPA 8260D	
Xylenes, total	178	---	30.0	ug/L	20	05/09/25 22:22	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	20.0	ug/L	20	05/09/25 22:22	EPA 8260D	
Naphthalene	1470	---	100	ug/L	20	05/09/25 22:22	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	102 %	Limits:	80-120 %	1	05/09/25 22:22	EPA 8260D
Toluene-d8 (Surr)			102 %		80-120 %	1	05/09/25 22:22	EPA 8260D
4-Bromofluorobenzene (Surr)			95 %		80-120 %	1	05/09/25 22:22	EPA 8260D
MW-5D (A5E1128-05)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 16:50	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 16:50	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 16:50	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 16:50	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 16:50	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 16:50	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	100 %	Limits:	80-120 %	1	05/09/25 16:50	EPA 8260D
Toluene-d8 (Surr)			99 %		80-120 %	1	05/09/25 16:50	EPA 8260D
4-Bromofluorobenzene (Surr)			99 %		80-120 %	1	05/09/25 16:50	EPA 8260D
MW-7 (A5E1128-06)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 17:17	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 17:17	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 17:17	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 17:17	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 17:17	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 17:17	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	99 %	Limits:	80-120 %	1	05/09/25 17:17	EPA 8260D
Toluene-d8 (Surr)			99 %		80-120 %	1	05/09/25 17:17	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	05/09/25 17:17	EPA 8260D
MW-8 (A5E1128-07)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 17:45	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 17:45	EPA 8260D	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5E1128 - 05 27 25 1721

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 (A5E1128-07)		Matrix: Water			Batch: 25E0312			
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 17:45	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 17:45	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 17:45	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 17:45	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 80-120 %</i>	<i>1</i>	<i>05/09/25 17:45</i>	<i>EPA 8260D</i>	
<i>Toluene-d8 (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/09/25 17:45</i>	<i>EPA 8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/09/25 17:45</i>	<i>EPA 8260D</i>	
MW-8D (A5E1128-08)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 18:13	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 18:13	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 18:13	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 18:13	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 18:13	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 18:13	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 80-120 %</i>	<i>1</i>	<i>05/09/25 18:13</i>	<i>EPA 8260D</i>	
<i>Toluene-d8 (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/09/25 18:13</i>	<i>EPA 8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/09/25 18:13</i>	<i>EPA 8260D</i>	
MW-9 (A5E1128-09)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 18:41	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 18:41	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 18:41	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 18:41	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 18:41	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 18:41	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 80-120 %</i>	<i>1</i>	<i>05/09/25 18:41</i>	<i>EPA 8260D</i>	
<i>Toluene-d8 (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/09/25 18:41</i>	<i>EPA 8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/09/25 18:41</i>	<i>EPA 8260D</i>	
MW-10 (A5E1128-10)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 19:09	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 19:09	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 19:09	EPA 8260D	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5E1128 - 05 27 25 1721

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 (A5E1128-10)		Matrix: Water			Batch: 25E0312			
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 19:09	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 19:09	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 19:09	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 100 %		Limits: 80-120 %	1	05/09/25 19:09	EPA 8260D	
Toluene-d8 (Surr)		100 %		80-120 %	1	05/09/25 19:09	EPA 8260D	
4-Bromofluorobenzene (Surr)		100 %		80-120 %	1	05/09/25 19:09	EPA 8260D	
MW-12 (A5E1128-11)		Matrix: Water			Batch: 25E0312			
Benzene	ND	---	0.200	ug/L	1	05/09/25 19:36	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	05/09/25 19:36	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	05/09/25 19:36	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	05/09/25 19:36	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	05/09/25 19:36	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	05/09/25 19:36	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 100 %		Limits: 80-120 %	1	05/09/25 19:36	EPA 8260D	
Toluene-d8 (Surr)		100 %		80-120 %	1	05/09/25 19:36	EPA 8260D	
4-Bromofluorobenzene (Surr)		100 %		80-120 %	1	05/09/25 19:36	EPA 8260D	

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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 25E0414 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25E0414-BLK1)			Prepared: 05/13/25 11:27 Analyzed: 05/13/25 19:33									
<u>NWTPH-Dx LL</u>												
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---	
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 87 %		Limits: 50-150 %		Dilution: 1x						
LCS (25E0414-BS1)			Prepared: 05/13/25 11:27 Analyzed: 05/13/25 19:54									
<u>NWTPH-Dx LL</u>												
Diesel	0.364	---	0.0800	mg/L	1	0.500	---	73	36-132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
LCS Dup (25E0414-BSD1)			Prepared: 05/13/25 11:27 Analyzed: 05/13/25 20:15									Q-19
<u>NWTPH-Dx LL</u>												
Diesel	0.345	---	0.0800	mg/L	1	0.500	---	69	36-132%	5	30%	
Surr: o-Terphenyl (Surr)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
Batch 25E0569 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25E0569-BLK1)			Prepared: 05/16/25 11:14 Analyzed: 05/16/25 19:55									
<u>NWTPH-Dx LL</u>												
Diesel	ND	---	0.0800	mg/L	1	---	---	---	---	---	---	
Oil	ND	---	0.160	mg/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 85 %		Limits: 50-150 %		Dilution: 1x						
LCS (25E0569-BS1)			Prepared: 05/16/25 11:14 Analyzed: 05/16/25 20:15									
<u>NWTPH-Dx LL</u>												
Diesel	0.337	---	0.0800	mg/L	1	0.500	---	67	36-132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %		Dilution: 1x						
LCS Dup (25E0569-BSD1)			Prepared: 05/16/25 11:14 Analyzed: 05/16/25 20:36									Q-19
<u>NWTPH-Dx LL</u>												
Diesel	0.320	---	0.0800	mg/L	1	0.500	---	64	36-132%	5	30%	
Surr: o-Terphenyl (Surr)		Recovery: 93 %		Limits: 50-150 %		Dilution: 1x						

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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 25E0312 - EPA 5030C						Water						
Blank (25E0312-BLK1)			Prepared: 05/09/25 09:42 Analyzed: 05/09/25 12:41									
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 106 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		104 %		50-150 %		"						
LCS (25E0312-BS2)			Prepared: 05/09/25 09:42 Analyzed: 05/09/25 12:14									
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	0.475	---	0.100	mg/L	1	0.500	---	95	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 103 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						
Duplicate (25E0312-DUP1)			Prepared: 05/09/25 09:42 Analyzed: 05/09/25 22:50									
<u>QC Source Sample: MW-5 (A5E1128-04)</u>												
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	21.5	---	2.00	mg/L	20	---	22.9	---	---	6	30%	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 101 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		105 %		50-150 %		"						
Duplicate (25E0312-DUP2)			Prepared: 05/09/25 09:42 Analyzed: 05/09/25 23:17									
<u>QC Source Sample: Non-SDG (A5E1054-03RE1)</u>												
Gasoline Range Organics	11.0	---	2.00	mg/L	20	---	10.7	---	---	3	30%	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 104 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		104 %		50-150 %		"						

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062GeoEngineers - Portland
5820 S Kelly Ave Unit B
Portland, OR 97239Project: Sunoco Annex - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
ASE1128 - 05 27 25 1721

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 25E0312 - EPA 5030C												
Water												
Blank (25E0312-BLK1)												
Prepared: 05/09/25 09:42 Analyzed: 05/09/25 12:41												
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	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)												
		Recovery:	99 %	Limits:	80-120 %	Dilution: 1x						
Toluene-d8 (Surr)			99 %		80-120 %	"						
4-Bromofluorobenzene (Surr)			100 %		80-120 %	"						
LCS (25E0312-BS1)												
Prepared: 05/09/25 09:42 Analyzed: 05/09/25 11:46												
EPA 8260D												
Benzene	19.0	---	0.200	ug/L	1	20.0	---	95	80-120%	---	---	
Toluene	18.8	---	1.00	ug/L	1	20.0	---	94	80-120%	---	---	
Ethylbenzene	20.1	---	0.500	ug/L	1	20.0	---	101	80-120%	---	---	
Xylenes, total	64.8	---	1.50	ug/L	1	60.0	---	108	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	19.4	---	1.00	ug/L	1	20.0	---	97	80-120%	---	---	
Naphthalene	17.0	---	5.00	ug/L	1	20.0	---	85	80-120%	---	---	
1,2-Dibromoethane (EDB)	19.3	---	0.500	ug/L	1	20.0	---	97	80-120%	---	---	
1,2-Dichloroethane (EDC)	19.4	---	0.400	ug/L	1	20.0	---	97	80-120%	---	---	
Isopropylbenzene	19.2	---	1.00	ug/L	1	20.0	---	96	80-120%	---	---	
1,2,4-Trimethylbenzene	20.4	---	1.00	ug/L	1	20.0	---	102	80-120%	---	---	
1,3,5-Trimethylbenzene	21.1	---	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)												
		Recovery:	99 %	Limits:	80-120 %	Dilution: 1x						
Toluene-d8 (Surr)			98 %		80-120 %	"						
4-Bromofluorobenzene (Surr)			95 %		80-120 %	"						
Duplicate (25E0312-DUP1)												
Prepared: 05/09/25 09:42 Analyzed: 05/09/25 22:50												

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 2Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5E1128 - 05 27 25 1721**

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 25E0312 - EPA 5030C												
Water												
Duplicate (25E0312-DUP1)												
Prepared: 05/09/25 09:42 Analyzed: 05/09/25 22:50												
QC Source Sample: MW-5 (A5E1128-04)												
EPA 8260D												
Benzene	ND	---	4.00	ug/L	20	---	ND	---	---	---	30%	
Toluene	ND	---	20.0	ug/L	20	---	ND	---	---	---	30%	
Ethylbenzene	69.6	---	10.0	ug/L	20	---	73.8	---	---	6	30%	
Xylenes, total	169	---	30.0	ug/L	20	---	178	---	---	5	30%	
Methyl tert-butyl ether (MTBE)	ND	---	20.0	ug/L	20	---	ND	---	---	---	30%	
Naphthalene	1450	---	100	ug/L	20	---	1470	---	---	1	30%	
1,2-Dibromoethane (EDB)	ND	---	10.0	ug/L	20	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	8.00	ug/L	20	---	ND	---	---	---	30%	
Isopropylbenzene	123	---	20.0	ug/L	20	---	121	---	---	1	30%	
1,2,4-Trimethylbenzene	452	---	20.0	ug/L	20	---	460	---	---	2	30%	
1,3,5-Trimethylbenzene	634	---	20.0	ug/L	20	---	658	---	---	4	30%	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 101 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 101 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 96 % 80-120 % "</i>												

Duplicate (25E0312-DUP2) Prepared: 05/09/25 09:42 Analyzed: 05/09/25 23:17

QC Source Sample: Non-SDG (A5E1054-03RE1)												
Benzene	ND	---	4.00	ug/L	20	---	ND	---	---	---	30%	
Toluene	ND	---	20.0	ug/L	20	---	ND	---	---	---	30%	
Ethylbenzene	37.0	---	10.0	ug/L	20	---	39.0	---	---	5	30%	
Xylenes, total	32.8	---	30.0	ug/L	20	---	34.4	---	---	5	30%	
Methyl tert-butyl ether (MTBE)	ND	---	20.0	ug/L	20	---	ND	---	---	---	30%	
Naphthalene	2530	---	100	ug/L	20	---	2540	---	---	0.2	30%	
1,2-Dibromoethane (EDB)	ND	---	10.0	ug/L	20	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	8.00	ug/L	20	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	20.0	ug/L	20	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	20.8	---	20.0	ug/L	20	---	21.8	---	---	5	30%	
1,3,5-Trimethylbenzene	ND	---	20.0	ug/L	20	---	ND	---	---	---	30%	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 99 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 99 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 98 % 80-120 % "</i>												

Apex Laboratories

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

GeoEngineers - Portland5820 S Kelly Ave Unit B
Portland, OR 97239Project: **Sunoco Annex - 2Q25 - GWM**Project Number: **19001-008-17**Project Manager: **Sam J. Russell****Report ID:****A5E1128 - 05 27 25 1721**

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 25E0312 - EPA 5030C												
Water												
Matrix Spike (25E0312-MS1)												
Prepared: 05/09/25 09:42 Analyzed: 05/10/25 00:13												
QC Source Sample: Non-SDG (A5E1054-05RE1)												
EPA 8260D												
Benzene	2070	---	20.0	ug/L	100	2000	ND	103	79-120%	---	---	
Toluene	2040	---	100	ug/L	100	2000	ND	102	80-121%	---	---	
Ethylbenzene	2590	---	50.0	ug/L	100	2000	408	109	79-121%	---	---	
Xylenes, total	8720	---	150	ug/L	100	6000	1340	123	79-121%	---	---	Q-01
Methyl tert-butyl ether (MTBE)	2030	---	100	ug/L	100	2000	ND	101	71-124%	---	---	
Naphthalene	17500	---	500	ug/L	100	2000	14500	150	61-128%	---	---	Q-03
1,2-Dibromoethane (EDB)	2010	---	50.0	ug/L	100	2000	ND	101	77-121%	---	---	
1,2-Dichloroethane (EDC)	2030	---	40.0	ug/L	100	2000	ND	102	73-128%	---	---	
Isopropylbenzene	2130	---	100	ug/L	100	2000	ND	107	72-131%	---	---	
1,2,4-Trimethylbenzene	2590	---	100	ug/L	100	2000	222	118	76-124%	---	---	
1,3,5-Trimethylbenzene	2410	---	100	ug/L	100	2000	87.0	116	75-124%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 100 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 97 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 92 % 80-120 % "</i>												
Matrix Spike Dup (25E0312-MSD1)												
Prepared: 05/09/25 09:42 Analyzed: 05/10/25 00:40												
QC Source Sample: Non-SDG (A5E1054-05RE1)												
Benzene	2100	---	20.0	ug/L	100	2000	ND	105	79-120%	1	30%	
Toluene	2070	---	100	ug/L	100	2000	ND	103	80-121%	1	30%	
Ethylbenzene	2600	---	50.0	ug/L	100	2000	408	110	79-121%	0.6	30%	
Xylenes, total	8760	---	150	ug/L	100	6000	1340	124	79-121%	0.5	30%	Q-01
Methyl tert-butyl ether (MTBE)	2080	---	100	ug/L	100	2000	ND	104	71-124%	3	30%	
Naphthalene	17700	---	500	ug/L	100	2000	14500	161	61-128%	1	30%	Q-03
1,2-Dibromoethane (EDB)	2070	---	50.0	ug/L	100	2000	ND	104	77-121%	3	30%	
1,2-Dichloroethane (EDC)	2030	---	40.0	ug/L	100	2000	ND	102	73-128%	0.05	30%	
Isopropylbenzene	2170	---	100	ug/L	100	2000	ND	109	72-131%	2	30%	
1,2,4-Trimethylbenzene	2660	---	100	ug/L	100	2000	222	122	76-124%	3	30%	
1,3,5-Trimethylbenzene	2460	---	100	ug/L	100	2000	87.0	119	75-124%	2	30%	
<i>Surr: 1,4-Difluorobenzene (Surr) Recovery: 100 % Limits: 80-120 % Dilution: 1x</i>												
<i>Toluene-d8 (Surr) 99 % 80-120 % "</i>												
<i>4-Bromofluorobenzene (Surr) 94 % 80-120 % "</i>												

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager

Page 15 of 25



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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. RussellReport ID:
A5E1128 - 05 27 25 1721

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: 25E0414							
A5E1128-01	Water	NWTPH-Dx LL	05/08/25 11:16	05/13/25 11:27	1030mL/2mL	1000mL/2mL	0.97
A5E1128-02	Water	NWTPH-Dx LL	05/08/25 12:13	05/13/25 11:27	1030mL/2mL	1000mL/2mL	0.97
A5E1128-03	Water	NWTPH-Dx LL	05/08/25 10:24	05/13/25 11:27	990mL/2mL	1000mL/2mL	1.01
A5E1128-04	Water	NWTPH-Dx LL	05/08/25 12:20	05/13/25 11:27	1050mL/2mL	1000mL/2mL	0.95
A5E1128-05	Water	NWTPH-Dx LL	05/08/25 11:50	05/13/25 11:27	1040mL/2mL	1000mL/2mL	0.96
A5E1128-06	Water	NWTPH-Dx LL	05/08/25 09:19	05/13/25 11:27	1050mL/2mL	1000mL/2mL	0.95
A5E1128-07	Water	NWTPH-Dx LL	05/08/25 10:57	05/13/25 11:27	1050mL/2mL	1000mL/2mL	0.95
A5E1128-08	Water	NWTPH-Dx LL	05/08/25 13:17	05/13/25 11:27	1050mL/2mL	1000mL/2mL	0.95
A5E1128-09	Water	NWTPH-Dx LL	05/08/25 10:06	05/13/25 11:27	1040mL/2mL	1000mL/2mL	0.96
Batch: 25E0569							
A5E1128-10	Water	NWTPH-Dx LL	05/08/25 09:35	05/16/25 11:14	1020mL/2mL	1000mL/2mL	0.98
A5E1128-11	Water	NWTPH-Dx LL	05/08/25 13:16	05/16/25 11:14	990mL/2mL	1000mL/2mL	1.01

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: 25E0312							
A5E1128-01	Water	NWTPH-Gx (MS)	05/08/25 11:16	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-02	Water	NWTPH-Gx (MS)	05/08/25 12:13	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-03	Water	NWTPH-Gx (MS)	05/08/25 10:24	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-04	Water	NWTPH-Gx (MS)	05/08/25 12:20	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-05	Water	NWTPH-Gx (MS)	05/08/25 11:50	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-06	Water	NWTPH-Gx (MS)	05/08/25 09:19	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-07	Water	NWTPH-Gx (MS)	05/08/25 10:57	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-08	Water	NWTPH-Gx (MS)	05/08/25 13:17	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-09	Water	NWTPH-Gx (MS)	05/08/25 10:06	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-10	Water	NWTPH-Gx (MS)	05/08/25 09:35	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-11	Water	NWTPH-Gx (MS)	05/08/25 13:16	05/09/25 09:40	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: 25E0312							
A5E1128-01	Water	EPA 8260D	05/08/25 11:16	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**

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

Project Manager: **Sam J. Russell**

Report ID:

A5E1128 - 05 27 25 1721

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
A5E1128-02	Water	EPA 8260D	05/08/25 12:13	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-03	Water	EPA 8260D	05/08/25 10:24	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-04	Water	EPA 8260D	05/08/25 12:20	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-05	Water	EPA 8260D	05/08/25 11:50	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-06	Water	EPA 8260D	05/08/25 09:19	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-07	Water	EPA 8260D	05/08/25 10:57	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-08	Water	EPA 8260D	05/08/25 13:17	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-09	Water	EPA 8260D	05/08/25 10:06	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-10	Water	EPA 8260D	05/08/25 09:35	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00
A5E1128-11	Water	EPA 8260D	05/08/25 13:16	05/09/25 09:40	5mL/5mL	5mL/5mL	1.00

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**

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

Project Manager: **Sam J. Russell**

Report ID:

A5E1128 - 05 27 25 1721

QUALIFIER DEFINITIONS

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

Apex Laboratories

- 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.
- Q-01** Spike recovery and/or RPD is outside acceptance limits.
- Q-03** Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- T-02** This Batch QC sample was analyzed outside of the method specified 12 hour analysis window. Results are estimated.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Sam J. Russell**

Report ID:
A5E1128 - 05 27 25 1721

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM**
Project Number: **19001-008-17**
Project Manager: **Sam J. Russell**

Report ID:
A5E1128 - 05 27 25 1721

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

Darrell Auvil, Client Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



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 - 2Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5E1128 - 05 27 25 1721

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.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. Russell

Report ID:
A5E1128 - 05 27 25 1721

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
--------	----------	--------	---------	--------	---------------

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM
Project Number: 19001-008-17
Project Manager: Sam J. Russell

Report ID:
A5E1128 - 05 27 25 1721

APEX LABS		CHAIN OF CUSTODY		Lab # <u>A5E1128</u> COC <u>1</u> of <u>2</u>	
Company: GeoEngineers		Project Mgr: Phil Cordell		Project Name: Sunoco Annex 2Q25GWM	
Address: 5820 S Kelly Ave Portland, OR		Phone:		Project # 19001-008-17	
Sampled by: C Watson / S Russell		Email: pcordell@geoengineers.com		PO #	
Site Location:		ANALYSIS REQUEST			
State: <u>WA</u>	County: <u>Clark</u>				
SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	WTPH-DC
1 MW-2	5/8/25	1116	W	5	X
2 MW-3		1213			
3 MW-4		1024			
4 MW-5		1220			
5 MW-5 D		1150			
6 ~~MW-6~~					
7 MW-7		0719			
8 MW-8		1057			
9 MW-8 D		1317			
10 MW-9		1006			

SPECIAL INSTRUCTIONS:	
* Naphthalene	
** MTBE	

TAT Requested (circle)	
1 Day	2 Day
5 Day	Standard
Other:	

SAMPLES ARE HELD FOR 30 DAYS	
RELINQUISHED BY:	RECEIVED BY:
Signature: <u>[Signature]</u>	Signature: <u>[Signature]</u>
Date: <u>5/8/25</u>	Date: <u>5/8/25</u>
Printed Name: <u>Colin Watson</u>	Printed Name: <u>Phil Cordell</u>
Time: <u>1509</u>	Time: <u>1509</u>
Company: <u>GeoEngineers</u>	Company: <u>Apex Labs</u>

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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 - 2Q25 - GWM

Project Number: 19001-008-17

Project Manager: Sam J. Russell

Report ID:

A5E1128 - 05 27 25 1721

APEX LABS COOLER RECEIPT FORM

Client: GeoEngineers Element WO#: A5E1128Project/Project #: Sunoco Annex 2Q25 GWM #19001-008-17

Delivery Info:

Date/time received: 5/8/25 @ 1509 By: JADelivered by: Apex ☐ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☒Cooler Inspection Date/time inspected: 5/8/25 @ 1509 By: JAChain 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>5.9</u>	<u>5.8</u>					
Custody seals? (Y/N)	<u>Y</u>	<u>Y</u>					
Received on ice? (Y/N)	<u>Y</u>	<u>Y</u>					
Temp. blanks? (Y/N)	<u>Y</u>	<u>Y</u>					
Ice type: (Gel/Real/Other)	<u>Real</u>	<u>Real</u>					
Condition (In/Out):	<u>In</u>	<u>In</u>					

Cooler out of temp? (Y/N) Possible reason why: NAGreen dots applied to out of temperature samples? Yes ☒ No ☐Out of temperature samples form initiated? Yes ☒ No ☐Sample Inspection: Date/time inspected: 5/8/25 @ 1536 By: KNAll 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: A231192Comments:

Labeled by:

KN

Witness:

JA

Cooler Inspected by:

KN

Form Y-003 R-02

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Darrell Auvil, Client Services Manager

Page 25 of 25