



### Liquid Release Volume Calculator - E&P Exempt Material

Facility/Pipeline Name: **Okeanos SWD #1 Release (nAPP2531557139)** Date: **11/11/2025**  
 Product Released: **Crude Oil**  **Produced Water**  **Condensate**  Did release enter water? **NO**  
 Region: **NEW MEXICO** Inside/Outside of Containment: **INSIDE CONTAINMENT**

Total Area Calculations - Rectangle (Outside Containment)				
Total Surface Area	Length	Width	Wet Soil Depth	Area Covered (%)
Rectangle Area 1	0 ft. x	0 ft. x	0 in.	0.00%
Rectangle Area 2	0 ft. x	0 ft. x	0 in.	0.00%
Rectangle Area 3	0 ft. x	0 ft. x	0 in.	0.00%
Rectangle Area 4	0 ft. x	0 ft. x	0 in.	0.00%
Rectangle Area 5	0 ft. x	0 ft. x	0 in.	0.00%

Standing Liquid Calculations - Rectangle (Inside Containment)				
Total Standing Liquid	Length	Width	Depth	Area Covered (%)
Rectangle Area 1	150 ft. x	31.25 ft. x	0.25 in.	75.00%
Rectangle Area 2	ft. x	ft. x	in.	100.00%
Rectangle Area 3	ft. x	ft. x	in.	100.00%
Rectangle Area 4	ft. x	ft. x	in.	70.00%
Rectangle Area 5	ft. x	ft. x	in.	80.00%

**HINTS:**  
 • Oil cut is the percentage of hydrocarb

**DEPTH CONVERSIONS:**  
 • 1/16th of an inch = 0.0625 inches = 0.0015625 feet  
 • 1/8th of an inch = 0.125 inches = 0.015625 feet  
 • 1/4th of an inch = 0.25 inches = 0.03125 feet  
 • 1/2 of an inch = 0.5 inches = 0.0625 feet  
 • 1 inch = 0.0833 feet  
 • 1 1/2 inches = 1.5 inches = 0.125 feet  
 • 2 inches = 0.1666 feet

**SOIL TYPES:**  
 • Sand: Sandy soil has large, gritty parti  
 • Sandy Clay Loam: Sandy Clay Loam ha

\*Soil Type: **Containment**  
 Liquid Holding Factor: **1**

\*Fluid Recovered: **13 BBL**

\*Oil Cut %: **0.00%**

Saturated Soil Volume Calculation - Rectangle (Outside Containment)			
Total Surface Area	Volume		
Rectangle Area 1	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 2	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 3	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 4	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 5	0.00 sq. ft.	0.00 cu. ft.	
<b>Total Volume:</b>	<b>0.00 sq. ft.</b>	<b>0.00 cu. ft.</b>	

Standing Saturated Soil Volume Calculation - Rectangle (Inside Containment)			
Total Surface Area	Volume		
Rectangle Area 1	4,687.50 sq. ft.	73.24 cu. ft.	
Rectangle Area 2	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 3	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 4	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 5	0.00 sq. ft.	0.00 cu. ft.	
<b>Total Volume:</b>	<b>4,687.50 sq. ft.</b>	<b>73.24 cu. ft.</b>	

Approximate Volume Released - Rectangle				
	Hydrocarbon Lost:	REPORTABLE?	Produced Water Lost:	REPORTABLE?
Liquid in Soil (Out Cont.):	0.00 BBL		0.00 BBL	
Standing Liquid (In Cont.):	0.00 BBL		13.04 BBL	
In Cont. Adj. Disp. Volume:	0.00 BBL		0.00 BBL	
<b>Hydrocarbon / PW Totals:</b>	<b>0.00 BBL</b>	<b>NO</b>	<b>13.04 BBL</b>	<b>YES</b>
<b>TOTAL VOLUME RELEASED:</b>	<b>13.04 BBL</b>		<b>547.85 GAL</b>	
RECOVERED VOLUME:	13.00 BBL			

Tank Displacement (Circle or Rectangle; In Containment ONLY)				
Tank Diameter	Depth	# of Tanks	Displacement	
ft	in		0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
<b>Total Displacement:</b>			<b>0.00</b>	<b>BBL</b>



# CLOSURE REQUEST REPORT

**Okeanos SWD #1  
Lea County, New Mexico  
Incident Number NAPP2531557139**

**Prepared for:  
Solaris Water Midstream, LLC**

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette



## SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Solaris Water Midstream, LLC (Solaris), presents the following Closure Request Report (CRR) detailing Site assessment and delineation soil sampling activities associated with an inadvertent reportable release of produced water at the Okeanos SWD #1 (Site). Based on laboratory analytical results for delineation soil samples, Solaris is requesting No Further Remedial Action (NFRA) for Incident Number NAPP2531557139.

## SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit M, Section 36, Township 20 South, Range 34 East, in Lea County, New Mexico (32.52393, -103.52092) and is associated with oil and gas exploration and production operations on private land as shown on **Figure 1** in **Appendix A**.

On November 11, 2025, a fitting failure occurred, releasing approximately 17 barrels (bbls) of produced water into the secondary lined containment. Approximately 13 bbls were recovered via a vacuum truck, resulting in a net loss of 4 bbls of produced water to evaporation. Solaris immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Notification of Release (NOR) on November 11, 2025, which was received by the NMOCD on November 11, 2025, and Corrective Action Form (Form C-41) on December 4, 2025, respectively, and was subsequently assigned Incident Number NAPP2531557139. **Figure 2** in **Appendix A** depicts the observed Area of Concern (AOC) associated with the release.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on two water wells within ½-mile of the Site. The New Mexico Office of the State Engineer (NMOSE) GIS database indicates that wells CP-01334-POD1 and CP-01335-POD1 are reported at 733 bgs and 735 bgs, respectively. The water wells are located approximately 0.39 miles northwest (CP-01334-POD1) and 0.45 miles northwest (CP-01335-POD1) of the Site (**Figure 1A** in **Appendix A**). The water well documentation is provided in **Appendix B**.

The Site is located in a low karst potential area, and all other potential receptors are outside the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.



Based on the results from the desktop review and distance to nearest well with water well data, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria <sup>†</sup>
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
TPH GRO + DRO	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8260B	50 mg/kg

<sup>†</sup>The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

## LINER INTEGRITY INSPECTION

On November 18, 2025, the NMOCD was notified of a scheduled liner inspection via the NMOCD web portal, per Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC.

On November 20, 2025, an inspection was conducted to assess the integrity of the secondary lined containment. The liner was visually inspected for any tears, cuts, or holes on all sides and the base of the containment. Upon inspection, a tear within the lined containment was observed northeast of the AOC. There were no visual signs outside the secondary lined containment indicative that the liner had been breached.

## DELINEATION SOIL SAMPLING ACTIVITIES

On January 9, 2026, Etech revisited the Site to assess whether soil impacts were present beneath the observed tear. Etech used a hand auger to collect one (1) delineation soil sample at the tear location identified during the liner inspection and five (5) delineation soil samples immediately surrounding the secondary lined containment area. Soil samples were collected at 6 inches and could not be advanced further due to the composition of the production caliche pad surface. Delineation soil samples were field-screened for volatile organic compounds (VOCs) using a photoionization detector (PID) and for chloride using Hach® chloride QuanTab® test strips. The locations of the delineation soil samples were mapped with a handheld GPS unit and are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix C**.

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Eurofins Environmental Testing (Eurofins) in Midland, Texas, for analysis of COCs.

## DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated all analyzed COCs were below the Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** in **Appendix D**, and the complete laboratory reports with chain-of-custody documentation are included in **Appendix E**.



## CLOSURE REQUEST

Following delineation activities and review of laboratory analytical results, the secondary lined containment was repaired. An inspection following the repair confirmed that the secondary lined containment was found to be in satisfactory condition. Laboratory analytical results associated with delineation activities for the observed tear have verified the absence of residual impacts exceeding the Site Closure Criteria and have defined the horizontal periphery within the area. All delineation activities and NMOCD correspondence can be referenced under the [OCD Permitting Files](#).

Based on initial response efforts and laboratory analytical results, BTEX, benzene, TPH, and chloride concentrations were below the Site Closure Criteria for all analyzed soil samples collected. As such, NFRA appears warranted at this time, and the CRR associated with Incident Number NAPP2531557139 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Blake Estep at (432) 894-6038 or [blake@etechenv.com](mailto:blake@etechenv.com).

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

Blake Estep  
Senior Project Manager

cc: Melissa Tull, Solaris Water Midstream, LLC  
New Mexico Oil Conservation Division

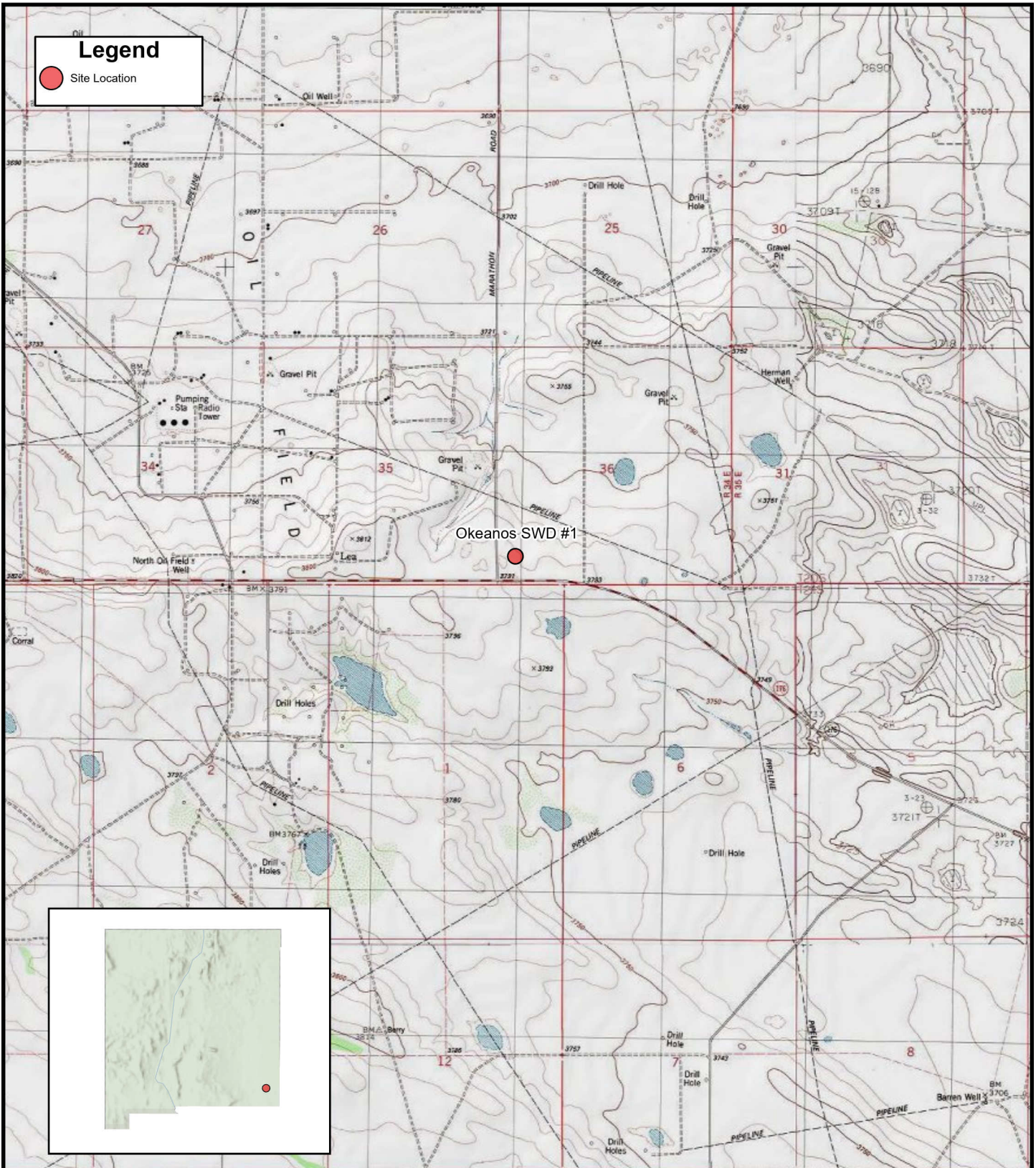
### **Appendices:**

- Appendix A:** Figure 1: Site Map
  - Figure 1A: Site Characterization – Groundwater
  - Figure 1B: Site Characterization – Surface Receptors
  - Figure 1C: Site Characterization – Subsurface Receptors
  - Figure 2: Delineation Soil Sample Locations
- Appendix B:** Referenced Well Records
- Appendix C:** Photographic Log
- Appendix D:** Tables
- Appendix E:** Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix F:** Field Screening Results & Lithologic Soil Sampling Logs

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# APPENDIX A

## Figures



**Legend**

● Site Location

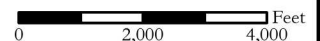
Okeanos SWD #1

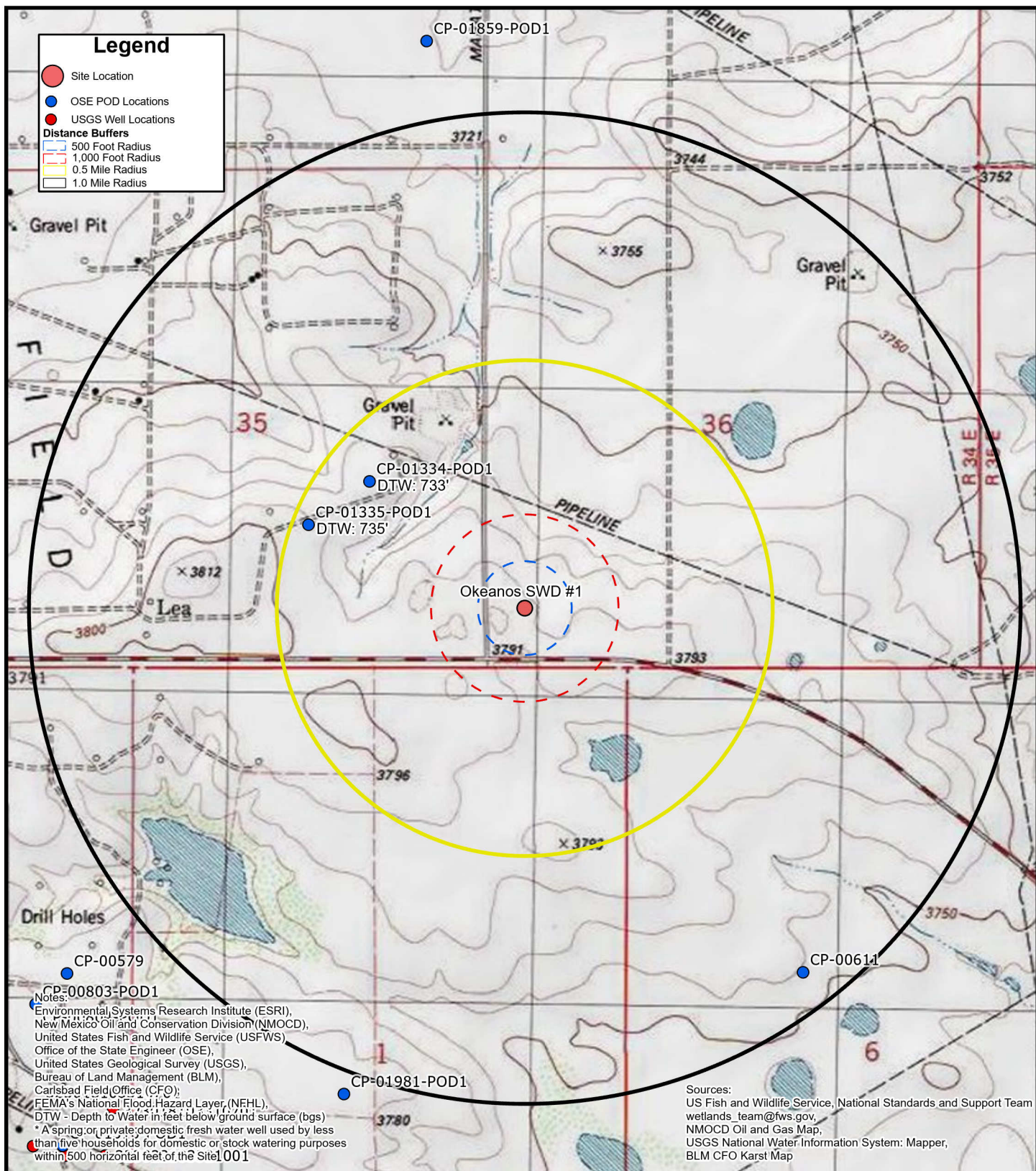


FIGURE 1

**Site Location Map**

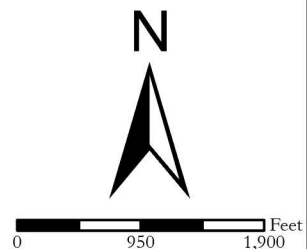
Solaris Water Midstream, LLC  
 Okeanos SWD #1  
 (32.52393, -103.52092)  
 Unit M Sec 36 T20S R34E  
 Lea County, New Mexico

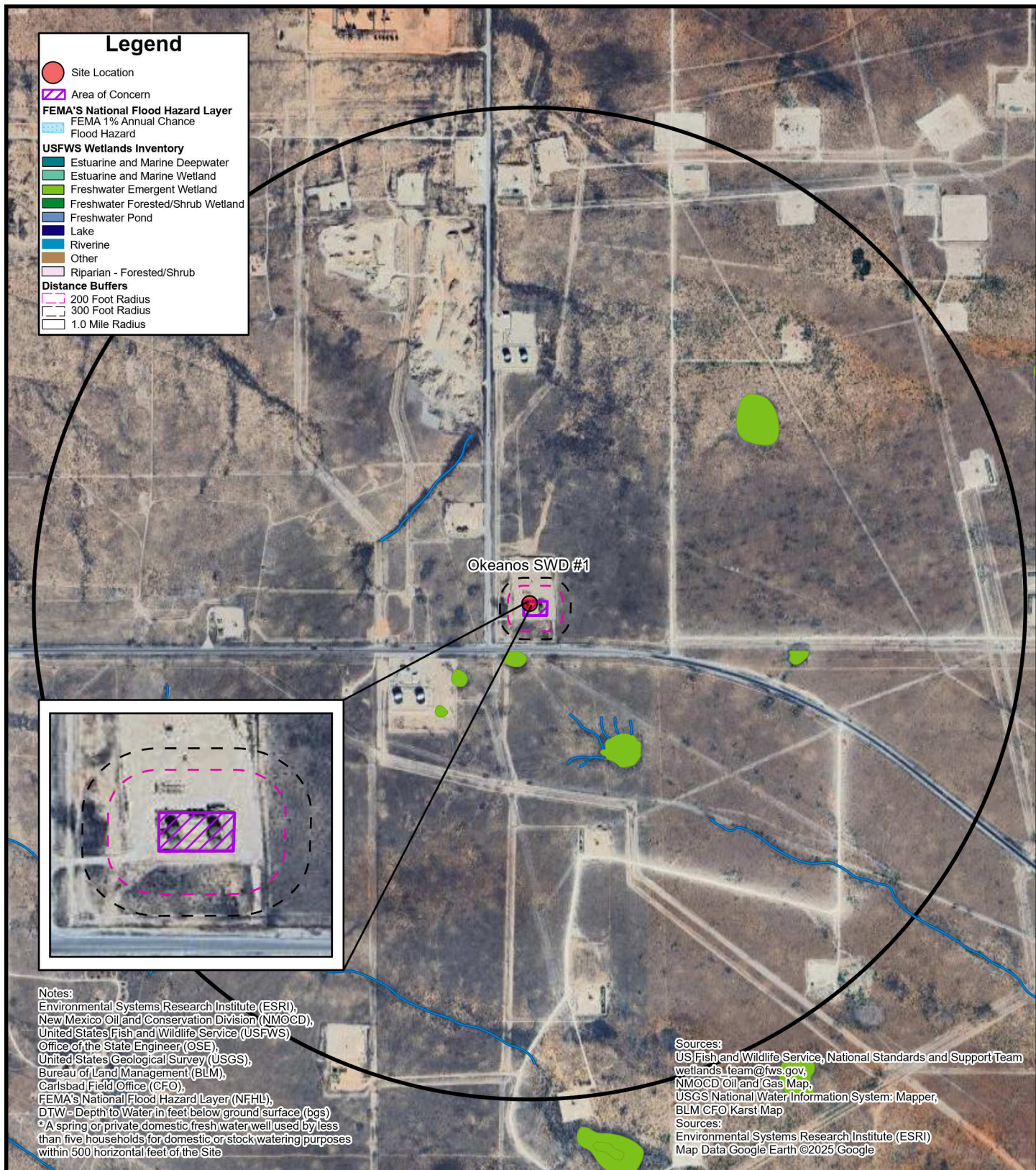




### FIGURE 1A Site Characterization Map Groundwater

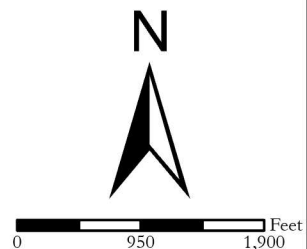
Solaris Water Midstream, LLC  
Okeanos SWD #1  
(32.52393, -103.52092)  
Unit M Sec 36 T20S R34E  
Lea County, New Mexico

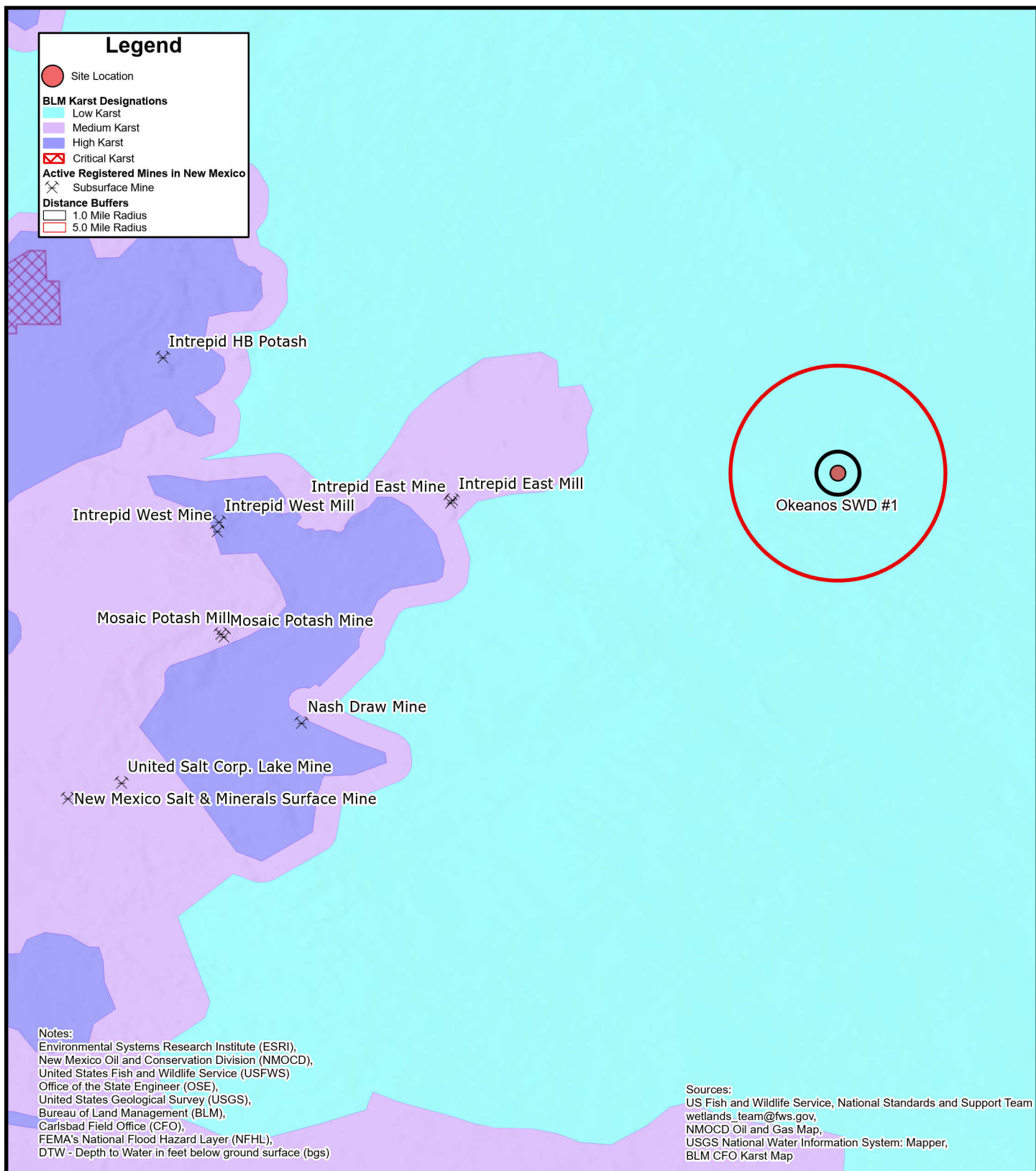




### FIGURE 1B Site Characterization Map Surficial Receptors

Solaris Water Midstream, LLC  
Okeanos SWD #1  
(32.52393, -103.52092)  
Unit M Sec 36 T20S R34E  
Lea County, New Mexico





**FIGURE 1C**  
**Site Characterization Map**  
**Subsurface Receptors**

Solaris Water Midstream, LLC  
 Okeanos SWD #1  
 (32.52393, -103.5201)  
 Unit M Sec 36 T20S R  
 Lea County, New Mexico

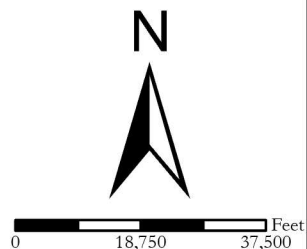
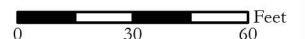




FIGURE 2

### Delineation Soil Sample Locations

Solaris Water Midstream, LLC  
 Okeanos SWD #1  
 (32.52393, -103.52092)  
 Unit M Sec 36 T20S R34E  
 Lea County, New Mexico



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# APPENDIX B

## Referenced Well Records

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P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
 quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01334	POD1	NW	NE	SE	35	20S	34E	638402.3	3599879.5	

\* UTM location was derived from PLSS - see Help

<b>Driller License:</b>	421	<b>Driller Company:</b>	GLENN'S WATER WELL SERVICE		
<b>Driller Name:</b>	GLENN, CLARK A."CORKY"				
<b>Drill Start Date:</b>	2014-06-21	<b>Drill Finish Date:</b>	2014-07-01	<b>Plug Date:</b>	
<b>Log File Date:</b>	2016-08-09	<b>PCW Rcv Date:</b>		<b>Source:</b>	Artesian
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	30
<b>Casing Size:</b>	9.63	<b>Depth Well:</b>	1253	<b>Depth Water:</b>	733

## Water Bearing Stratifications:

Top	Bottom	Description
1014	1135	Sandstone/Gravel/Conglomerate
1135	1235	Sandstone/Gravel/Conglomerate
1235	1258	Sandstone/Gravel/Conglomerate

## Casing Perforations:

Top	Bottom
936	1258

## Meter Information

<b>Meter Number:</b>	17854	<b>Meter Make:</b>	SEAMETRICS
<b>Meter Serial Number:</b>	02 223 007	<b>Meter Multiplier:</b>	1.0000
<b>Number of Dials:</b>	8	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Barrels 42 gal.	<b>Reading Frequency:</b>	Monthly

## Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2016-12-31	2016	119754.000	A	ap		0.000	
2017-01-31	2017	121057.000	A	ap		16.795	
2017-03-01	2017	128886.000	A	ap		100.911	
2017-04-01	2017	128886.000	A	ap		0.000	
2017-05-01	2017	128886.000	A	ap		0.000	
2017-06-01	2017	128886.000	A	ap		0.000	
2017-06-30	2017	155288.000	A	ap		340.304	
2017-07-31	2017	182078.000	A	ap		345.305	
2017-10-31	2017	232057.000	A	ap		644.196	
2017-11-30	2017	258236.000	A	ap		337.430	
2017-12-29	2017	287266.000	A	ap		374.177	
2018-01-31	2018	314644.000	A	ap		352.884	
2018-02-28	2018	337089.000	A	ap		289.301	
2018-03-30	2018	365297.000	A	ap		363.582	
2018-04-30	2018	378598.000	A	ap		171.441	
2018-06-01	2018	394091.000	A	ap		199.694	
2018-06-29	2018	394282.000	A	ap		2.462	
2018-07-31	2018	394282.000	A	ap		0.000	
2018-09-01	2018	394282.000	A	ap		0.000	
2018-10-01	2018	410895.000	A	ap		214.130	
2018-11-01	2018	422143.000	A	ap		144.979	
2018-11-30	2018	463904.000	A	ap		538.271	
2019-03-01	2019	509384.000	A	ap		586.207	
2019-04-01	2019	509384.000	A	ap		0.000	
2019-05-01	2019	532292.000	A	ap		295.269	
2019-05-31	2019	550539.000	A	ap		235.192	
2019-06-30	2019	550539.000	A	ap		0.000	
2019-08-01	2019	555838.000	A	RPT		0.683	
2019-09-01	2019	562908.000	A	RPT		0.911	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2019-09-30	2019	601171.000	A	RPT		4.932	
2019-10-31	2019	627576.000	A	RPT		3.403	
2019-11-30	2019	645050.000	A	RPT		2.252	
2019-12-31	2019	667409.000	A	RPT		2.882	
2020-02-01	2020	681056.000	A	RPT		1.759	
2020-03-01	2020	681056.000	A	RPT		0.000	
2020-04-01	2020	681056.000	A	RPT		0.000	
2020-05-01	2020	681056.000	A	RPT		0.000	
2020-06-01	2020	681056.000	A	RPT		0.000	
2020-08-01	2020	681056.000	A	RPT		0.000	
2020-09-01	2020	681838.000	A	RPT		0.101	
2020-10-01	2020	681839.000	A	RPT		0.000	
2020-10-31	2020	682043.000	A	WEB		0.026	X
2020-11-30	2020	682043.000	A	WEB		0.000	X
2020-12-31	2020	684071.000	A	WEB		0.261	X
2021-01-31	2021	684668.000	A	WEB		0.077	X
2021-02-28	2021	684668.000	A	ad		0.000	
2021-03-31	2021	685172.000	A	ad		0.065	
2021-04-30	2021	691734.000	A	ad		0.846	
2021-05-31	2021	696565.000	A	ad		0.623	
2021-06-30	2021	710429.000	A	ad		1.787	
2021-07-31	2021	716153.000	A	ad		0.738	
2021-08-31	2021	726965.000	A	ad		1.394	
2021-09-30	2021	726965.000	A	ad		0.000	
2021-10-31	2021	753407.000	A	ad		3.408	
2021-11-30	2021	774331.000	A	ad		2.697	
2022-01-03	2022	784798.000	A	ad		1.349	
2022-01-31	2022	796608.000	A	ad		1.522	
2022-02-28	2022	818446.000	A	ad		2.815	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2022-03-31	2022	908077.000	A	ad		11.553	
2022-04-30	2022	909677.000	A	ad		0.000	
2022-04-30	2022	23236.000	A	ad		0.000	
2022-06-01	2022	50066.000	A	ad		3.458	
2022-07-01	2022	85208.000	A	ad		4.530	
2022-08-01	2022	111798.000	A	ad		3.427	
2022-09-01	2022	124309.000	A	ad		1.613	
2022-10-01	2022	152307.000	A	ad		3.609	
2022-11-01	2022	152307.000	A	ad		0.000	
2022-12-01	2022	152307.000	A	ad		0.000	
2023-01-01	2023	652307.000	A	ad		64.447	
2023-02-01	2023	652307.000	A	ad		0.000	
2023-03-01	2023	652307.000	A	ad		0.000	
2023-04-01	2023	652307.000	A	ad		0.000	
2023-05-01	2023	652307.000	A	ad		0.000	
2023-06-01	2023	652307.000	A	ad		0.000	
2023-07-01	2023	1118640.000	A	ad		60.107	
2023-08-01	2023	3576.000	A	ad		0.000	
2023-09-01	2023	3576.000	A	ad		0.000	
2023-10-01	2023	3576.000	A	ad		0.000	
2023-11-01	2023	3576.000	A	ad		0.000	
2023-12-01	2023	3576.000	A	ad		0.000	
2024-01-01	2024	45177.000	A	ad		5.362	
2024-02-01	2024	46655.000	A	ad		0.191	
2024-03-01	2024	46655.000	A	ad		0.000	
2024-04-01	2024	46655.000	A	ad		0.000	
2024-05-01	2024	46655.000	A	ad		0.000	
2024-06-01	2024	46655.000	A	ad		0.000	
2024-07-01	2024	46655.000	A	ad		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2024-08-01	2024	69261.000	A	ad		2.914	
2024-09-01	2024	195020.000	A	ad		16.209	
2024-10-01	2024	314032.000	A	ad		15.340	
2024-11-01	2024	433014.000	A	ad		15.336	
2024-12-01	2024	552996.000	A	ad		15.465	
2025-01-01	2025	626400.000	A	ad		9.461	
2025-02-01	2025	673055.000	A	ad		6.014	
2025-03-01	2025	673055.000	A	ad		0.000	
2025-04-01	2025	673055.000	A	ad		0.000	
2025-05-01	2025	673055.000	A	ad		0.000	

**YTD Meter Amounts:**

Year	Amount
2016	0.000
2017	2159.118
2018	2276.744
2019	1131.731
2020	2.147
2021	11.635
2022	33.876
2023	124.554
2024	70.817
2025	15.475

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

MEMORANDUM OF RECOMMENDATION  
 CP-1393  
 Page 12 of 13



**WELL RECORD & LOG**  
 OFFICE OF THE STATE ENGINEER  
 www.ose.state.nm.us

STATE ENGINEER OFFICE  
 ROSWELL, NEW MEXICO

2014 JUL 16 PM 1:06

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) CP - 1334 (Dillion #1)		OSE FILE NUMBER(S)					
	WELL OWNER NAME(S) Berry Ranch/Glenn's Water Well Service, Inc.		PHONE (OPTIONAL) (575)398-2424					
	WELL OWNER MAILING ADDRESS P.O. Box 692		CITY Tatum	STATE NM	ZIP 88267			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 31	SECONDS 39.48	N			
	LONGITUDE 103	31	34.68	W				
* ACCURACY REQUIRED: ONE TENTH OF A SECOND								
* DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW1/4NE1/4SE1/4 Sec. 35, T20S, R34E								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD 421	NAME OF LICENSED DRILLER Corky Glenn		NAME OF WELL DRILLING COMPANY Glenn's Water Well Service, Inc.				
	DRILLING STARTED 6/21/14	DRILLING ENDED 7/1/14	DEPTH OF COMPLETED WELL (FT) 1253'	BORE HOLE DEPTH (FT) 1253'	DEPTH WATER FIRST ENCOUNTERED (FT) 1014'			
	COMPLETED WELL IS: <input checked="" type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 732.8'			
	DRILLING FLUID: <input checked="" type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	40'	20"	16"	None	15 1/2'	.250	
	0'	1014'	14 3/4"	9 5/8"	Thread and Collar	.352	36 lb.	none
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
FROM	TO							
0'	40'	20"	Cemented	2 yds.	Top Pour			
0'	1014'	14 3/4"	Float and shoe cemented to surface	740	Circulated			

FOR OSE INTERNAL USE

FILE NUMBER	CP-1334	POD NUMBER		WR-20 WELL RECORD & LOG (Version 06/08/2012)
LOCATION	20S.34E.35.423		TRN NUMBER	547672
				PAGE 1 OF 2

MEMORANDUM OF RECOMMENDATION

CP-1393


Page 13 of 13

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
1'	20'	20'	Caleche	<input type="radio"/> Y <input checked="" type="radio"/> N	
20'	90'	70'	Sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
90'	105'	15'	Sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
105'	115'	10'	Sand and Gravel	<input type="radio"/> Y <input checked="" type="radio"/> N	
115'	138'	23'	Sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
138'	146'	8'	Red Clay	<input type="radio"/> Y <input checked="" type="radio"/> N	
146'	980'	834'	Red & Brown Shale	<input type="radio"/> Y <input checked="" type="radio"/> N	
980'	1014'	34'	Red & Brown Shale with some sandrock	<input type="radio"/> Y <input checked="" type="radio"/> N	
1014'	1135'	121'	Shale with Stringers of sandrock	<input checked="" type="radio"/> Y <input type="radio"/> N	
1135'	1235'	100'	Santa Rosa Sand (some shale stringers)	<input checked="" type="radio"/> Y <input type="radio"/> N	
1235'	1253'	18'	Fine Santa Rosa Sand	<input checked="" type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
				<input type="radio"/> Y <input type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input checked="" type="radio"/> PUMP				TOTAL ESTIMATED WELL YIELD (gpm): 30	
<input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:					

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	0' to 1014' drilled with mud. 1014' to 1253' drilled with air and foam	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Corby Glenn DATE: 7/15/14


  

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	CP-1334	POD NUMBER	1
LOCATION	205.34E.35.423	TRN NUMBER	547672
			PAGE 2 OF 2

# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
 quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
CP 01335	POD1	SE	NW	SE	35	20S	34E	638205.4	3599736.3	

\* UTM location was derived from PLSS - see Help

---

<b>Driller License:</b>	421	<b>Driller Company:</b>	GLENN'S WATER WELL SERVICE		
<b>Driller Name:</b>	GLENN, CLARK A."CORKY"				
<b>Drill Start Date:</b>	2014-06-06	<b>Drill Finish Date:</b>	2014-06-18	<b>Plug Date:</b>	
<b>Log File Date:</b>	2014-09-10	<b>PCW Rcv Date:</b>		<b>Source:</b>	Artesian
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	
<b>Casing Size:</b>	7.00	<b>Depth Well:</b>	1307	<b>Depth Water:</b>	735

---

## Water Bearing Stratifications:

Top	Bottom	Description
1040	1170	Sandstone/Gravel/Conglomerate
1170	1295	Sandstone/Gravel/Conglomerate

---

## Casing Perforations:

Top	Bottom
933	1307

---

## Meter Information

<b>Meter Number:</b>	17855	<b>Meter Make:</b>	SEAMETRICS
<b>Meter Serial Number:</b>	09 230 839	<b>Meter Multiplier:</b>	1.0000
<b>Number of Dials:</b>	8	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Barrels 42 gal.	<b>Reading Frequency:</b>	Monthly

## Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2016-12-31	2016	610889.000	A	ap		0.000	
2017-01-31	2017	611259.000	A	ap		4.769	
2017-03-01	2017	611433.000	A	ap		2.243	
2017-04-01	2017	611433.000	A	ap		0.000	
2017-05-01	2017	611433.000	A	ap		0.000	
2017-06-01	2017	611433.000	A	ap		0.000	
2017-06-30	2017	611886.000	A	ap		5.839	
2017-07-31	2017	636951.000	A	ap		323.071	
2017-10-31	2017	659847.000	A	ap		295.114	
2017-11-30	2017	680080.000	A	ap		260.790	
2017-12-29	2017	703653.000	A	ap		303.840	
2018-01-31	2018	726137.000	A	ap		289.804	
2018-02-28	2018	744595.000	A	ap		237.911	
2018-03-30	2018	760160.000	A	ap		200.622	
2018-04-30	2018	770532.000	A	ap		133.688	
2018-06-01	2018	780023.000	A	ap		122.333	
2018-06-29	2018	784904.000	A	ap		62.913	
2018-07-31	2018	785149.000	A	ap		3.158	
2018-09-01	2018	817085.000	A	ap		411.634	
2018-10-01	2018	826202.000	A	ap		117.512	
2018-11-01	2018	837267.000	A	ap		142.620	
2018-11-30	2018	859124.000	A	ap		281.722	
2019-04-01	2019	887972.000	A	ap		371.831	
2019-05-01	2019	888024.000	A	ap		0.670	
2019-05-31	2019	888302.000	A	ap		3.583	
2019-06-30	2019	888302.000	A	ap		0.000	
2019-08-01	2019	888302.000	A	RPT		0.000	
2019-09-01	2019	893671.000	A	RPT		0.692	
2019-09-30	2019	928418.000	A	RPT		4.479	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2019-10-31	2019	948879.000	A	RPT		2.637	
2019-11-30	2019	968295.000	A	RPT		2.503	
2019-12-31	2019	987078.000	A	RPT		2.421	
2020-02-01	2020	1001307.000	A	RPT		1.834	
2020-03-01	2020	1001307.000	A	RPT		0.000	
2020-04-01	2020	1001307.000	A	RPT		0.000	
2020-05-01	2020	1001307.000	A	RPT		0.000	
2020-06-01	2020	1001307.000	A	RPT		0.000	
2020-08-01	2020	1001695.000	A	RPT		0.050	
2020-09-01	2020	1001935.000	A	RPT		0.031	
2020-10-01	2020	1002730.000	A	RPT		0.102	
2020-10-31	2020	1003249.000	A	WEB		0.067	X
2020-11-30	2020	1003249.000	A	WEB		0.000	X
2020-12-31	2020	1088868.000	A	WEB		11.036	X
2021-01-31	2021	1091346.000	A	WEB		0.319	X
2021-02-28	2021	1091346.000	A	ad		0.000	
2021-03-31	2021	1091346.000	A	ad		0.000	
2021-05-31	2021	1112561.000	A	ad		2.734	
2021-06-30	2021	1112645.000	A	ad		0.011	
2021-07-31	2021	1113050.000	A	ad		0.052	
2021-08-30	2021	1114887.000	A	ad		0.237	
2021-09-30	2021	1114887.000	A	ad		0.000	
2021-10-31	2021	1115261.000	A	ad		0.048	
2021-11-30	2021	1115345.000	A	ad		0.011	
2022-01-03	2022	1115751.000	A	ad		0.052	
2022-01-31	2022	1119003.000	A	ad		0.419	
2022-02-28	2022	1547.000	A	ad		0.000	
2022-03-31	2022	16776.000	A	ad		1.963	
2022-06-01	2022	21854.000	A	ad		0.655	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2022-07-01	2022	33629.000	A	ad		1.518	
2022-08-01	2022	33629.000	A	ad		0.000	
2022-09-01	2022	35438.000	A	WEB		0.233	X
2022-10-01	2022	40461.000	A	WEB		0.647	X
2022-11-01	2022	40461.000	A	WEB		0.000	X
2022-12-01	2022	40461.000	A	WEB		0.000	X
2023-01-01	2022	40461.000	A	WEB		0.000	X
2023-02-01	2023	40461.000	A	WEB		0.000	X
2023-03-01	2023	40461.000	A	WEB		0.000	X
2023-04-01	2023	40461.000	A	WEB		0.000	X
2023-05-01	2023	40461.000	A	WEB		0.000	X
2023-06-01	2023	40461.000	A	WEB		0.000	X
2023-07-01	2023	40464.000	A	WEB		0.000	X
2023-08-01	2023	40466.000	A	WEB		0.000	X
2023-09-01	2023	45573.000	A	WEB		0.658	X
2023-10-01	2023	53059.000	A	WEB		0.965	X
2023-11-01	2023	53060.000	A	WEB		0.000	X
2023-12-01	2023	53060.000	A	WEB		0.000	X
2024-01-01	2023	117955.000	A	WEB		8.365	X
2024-02-01	2024	117955.000	A	WEB		0.000	X
2024-03-01	2024	117955.000	A	WEB		0.000	X
2024-04-01	2024	117955.000	A	WEB		0.000	X
2024-05-01	2024	218167.000	A	WEB		12.917	X
2024-06-01	2024	316798.000	A	WEB		12.713	X
2024-07-01	2024	415961.000	A	WEB		12.781	X
2024-08-01	2024	415961.000	A	ad		0.000	
2024-08-01	2024	76.000	A	ad		0.000	
2024-09-01	2024	76.000	A	WEB		0.000	X
2024-10-01	2024	459.000	A	WEB		0.049	X

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2024-11-01	2024	459.000	A	WEB		0.000	X
2024-12-01	2024	459.000	A	WEB		0.000	X
2025-01-01	2024	459.000	A	WEB		0.000	X
2025-02-01	2025	459.000	A	WEB		0.000	X
2025-03-01	2025	459.000	A	WEB		0.000	X
2025-04-01	2025	459.000	A	WEB		0.000	X
2025-05-01	2025	459.000	A	WEB		0.000	X
2025-06-01	2025	2902.000	A	WEB		0.315	X
2025-07-01	2025	5142.000	A	WEB		0.289	X
2025-08-01	2025	5142.000	A	WEB		0.000	X
2025-09-01	2025	10953.000	A	WEB		0.749	X
2025-10-01	2025	10953.000	A	WEB		0.000	X
2025-11-01	2025	10953.000	A	WEB		0.000	X
2025-12-01	2025	16799.000	A	WEB		0.754	X
2026-01-01	2025	16799.000	A	WEB		0.000	X

**YTD Meter Amounts:**

Year	Amount
2016	0.000
2017	1195.666
2018	2003.917
2019	388.816
2020	13.120
2021	3.412
2022	5.487
2023	9.988
2024	38.460

Year	Amount
2025	2.107

---

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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1/22/26 9:07 AM MST

Point of Diversion Summary

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# APPENDIX C

## Photographic Log

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Okeanos SWD #1  
NMOCD # NAPP2531557139

Photographic Documentation



View of the site during delineation activities.



View of the site during delineation activities.

Okeanos SWD #1  
NMOCD # NAPP2531557139



View of the site during delineation activities.



View of the site during delineation activities.

Okeanos SWD #1

NMOCD # NAPP2531557139



View of the site following the liner repair.

---

# APPENDIX D

## Tables



**Table 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**Solaris Water Midstream, LLC**  
**Okeanos SWD #1**  
**Lea County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	NE	NE	NE	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Delineation Soil Samples - Incident Number nAPP2531557139</b>										
Auger Hole 1	1/9/26	0.5	0.00222	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	146
Auger Hole 2	1/9/26	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	130
Auger Hole 3	1/9/26	0.5	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	28.4
Auger Hole 4	1/9/26	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	232
Auger Hole 5	1/9/26	0.5	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	16.1
Auger Hole 6	1/9/26	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	2070

Notes:  
 bgs: below ground surface  
 mg/kg: milligrams per kilogram  
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes  
 GRO: Gasoline Range Organics  
 DRO: Diesel Range Organics  
 ORO: Oil Range Organics  
 TPH: Total Petroleum Hydrocarbon  
 NMOCD: New Mexico Oil Conservation Division  
 NMAC: New Mexico Administrative Code  
 Text in "grey" represents excavated soil samples  
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release  
 \* \* \* The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.  
 "I" Reported in inches in the laboratory reports

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# APPENDIX E

## Laboratory Analytical Reports & Chain-of-Custody Documentation

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Blake Estep  
 Etech Environmental & Safety Solutions  
 PO BOX 62228  
 Midland, Texas 79711

Generated 1/19/2026 12:58:15 PM

## JOB DESCRIPTION

Okeanos SWD #1  
 23439

## JOB NUMBER

880-66969-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701




# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

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Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1

Laboratory Job ID: 880-66969-1  
SDG: 23439

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## Definitions/Glossary

Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
SDG: 23439

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Case Narrative

Client: Etech Environmental & Safety Solutions  
Project: Okeanos SWD #1

Job ID: 880-66969-1

**Job ID: 880-66969-1**

**Eurofins Midland**

## Job Narrative 880-66969-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The samples were received on 1/13/2026 4:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 11.3°C.

### GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (890-9354-A-3-C MS) and (890-9354-A-3-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-128925/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 1**

**Lab Sample ID: 880-66969-1**

Date Collected: 01/09/26 12:00

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00222		0.00200		mg/Kg		01/14/26 09:58	01/14/26 23:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 23:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 23:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/14/26 09:58	01/14/26 23:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 23:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/14/26 09:58	01/14/26 23:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	104		70 - 130				01/14/26 09:58	01/14/26 23:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/14/26 09:58	01/14/26 23:05	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/14/26 23:05	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/17/26 14:49	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/14/26 08:45	01/17/26 14:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/14/26 08:45	01/17/26 14:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/14/26 08:45	01/17/26 14:49	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	121		70 - 130				01/14/26 08:45	01/17/26 14:49	1
o-Terphenyl	112		70 - 130				01/14/26 08:45	01/17/26 14:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		9.90		mg/Kg			01/14/26 11:50	1

**Client Sample ID: Auger Hole 2**

**Lab Sample ID: 880-66969-2**

Date Collected: 01/09/26 12:02

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/14/26 09:58	01/14/26 23:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/14/26 09:58	01/14/26 23:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/14/26 09:58	01/14/26 23:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/14/26 09:58	01/14/26 23:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/14/26 09:58	01/14/26 23:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/14/26 09:58	01/14/26 23:26	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		70 - 130				01/14/26 09:58	01/14/26 23:26	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 2**

**Lab Sample ID: 880-66969-2**

Date Collected: 01/09/26 12:02

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/14/26 09:58	01/14/26 23:26	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/14/26 23:26	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/26 15:04	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 15:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	01/14/26 08:45	01/17/26 15:04	1
o-Terphenyl	110		70 - 130	01/14/26 08:45	01/17/26 15:04	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.92		mg/Kg			01/14/26 12:05	1

**Client Sample ID: Auger Hole 3**

**Lab Sample ID: 880-66969-3**

Date Collected: 01/09/26 12:04

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/14/26 09:58	01/14/26 23:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/14/26 09:58	01/14/26 23:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/14/26 09:58	01/14/26 23:46	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/14/26 09:58	01/14/26 23:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/14/26 09:58	01/14/26 23:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/14/26 09:58	01/14/26 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/14/26 09:58	01/14/26 23:46	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/14/26 09:58	01/14/26 23:46	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/14/26 23:46	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/17/26 15:33	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 3**

**Lab Sample ID: 880-66969-3**

Date Collected: 01/09/26 12:04

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/14/26 08:45	01/17/26 15:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/14/26 08:45	01/17/26 15:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/14/26 08:45	01/17/26 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	01/14/26 08:45	01/17/26 15:33	1
o-Terphenyl	111		70 - 130	01/14/26 08:45	01/17/26 15:33	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		10.1		mg/Kg			01/14/26 12:10	1

**Client Sample ID: Auger Hole 4**

**Lab Sample ID: 880-66969-4**

Date Collected: 01/09/26 12:06

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/14/26 09:58	01/15/26 00:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/14/26 09:58	01/15/26 00:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/14/26 09:58	01/15/26 00:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/14/26 09:58	01/15/26 00:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/14/26 09:58	01/15/26 00:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/14/26 09:58	01/15/26 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/14/26 09:58	01/15/26 00:07	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/14/26 09:58	01/15/26 00:07	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/15/26 00:07	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/17/26 15:48	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/14/26 08:45	01/17/26 15:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/14/26 08:45	01/17/26 15:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/14/26 08:45	01/17/26 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	01/14/26 08:45	01/17/26 15:48	1
o-Terphenyl	118		70 - 130	01/14/26 08:45	01/17/26 15:48	1

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### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 4**

**Lab Sample ID: 880-66969-4**

Date Collected: 01/09/26 12:06

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		9.96		mg/Kg			01/14/26 12:15	1

**Client Sample ID: Auger Hole 5**

**Lab Sample ID: 880-66969-5**

Date Collected: 01/09/26 12:08

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/14/26 09:58	01/15/26 00:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/14/26 09:58	01/15/26 00:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/14/26 09:58	01/15/26 00:27	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/14/26 09:58	01/15/26 00:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/14/26 09:58	01/15/26 00:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/14/26 09:58	01/15/26 00:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	104		70 - 130				01/14/26 09:58	01/15/26 00:27	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/14/26 09:58	01/15/26 00:27	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/15/26 00:27	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/17/26 16:03	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/14/26 08:45	01/17/26 16:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/14/26 08:45	01/17/26 16:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/14/26 08:45	01/17/26 16:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	122		70 - 130				01/14/26 08:45	01/17/26 16:03	1
o-Terphenyl	113		70 - 130				01/14/26 08:45	01/17/26 16:03	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.1		9.98		mg/Kg			01/14/26 12:20	1

### Client Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 6**

**Lab Sample ID: 880-66969-6**

Date Collected: 01/09/26 12:10

Matrix: Solid

Date Received: 01/13/26 16:26

Sample Depth: 6"

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 17:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 17:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 17:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/15/26 08:44	01/15/26 17:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 17:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/26 08:44	01/15/26 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/15/26 08:44	01/15/26 17:30	1
1,4-Difluorobenzene (Surr)	82		70 - 130	01/15/26 08:44	01/15/26 17:30	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/15/26 17:30	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/17/26 16:18	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 16:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 16:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	01/14/26 08:45	01/17/26 16:18	1
o-Terphenyl	112		70 - 130	01/14/26 08:45	01/17/26 16:18	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2070		50.2		mg/Kg			01/14/26 12:35	5

## Surrogate Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
SDG: 23439

## Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-66969-1	Auger Hole 1	104	95
880-66969-2	Auger Hole 2	98	88
880-66969-3	Auger Hole 3	104	96
880-66969-4	Auger Hole 4	97	89
880-66969-5	Auger Hole 5	104	89
880-66969-6	Auger Hole 6	76	82
880-67010-A-5-C MS	Matrix Spike	119	81
880-67010-A-5-D MSD	Matrix Spike Duplicate	110	89
890-9357-A-1-C MS	Matrix Spike	100	97
890-9357-A-1-D MSD	Matrix Spike Duplicate	96	101
LCS 880-128939/1-A	Lab Control Sample	95	97
LCS 880-129004/1-A	Lab Control Sample	140 S1+	95
LCSD 880-128939/2-A	Lab Control Sample Dup	97	97
LCSD 880-129004/2-A	Lab Control Sample Dup	112	76
MB 880-128918/8	Method Blank	102	87
MB 880-128939/5-A	Method Blank	106	87
MB 880-129004/5-A	Method Blank	87	79

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
DFBZ = 1,4-Difluorobenzene (Surr)

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-66969-1	Auger Hole 1	121	112
880-66969-2	Auger Hole 2	118	110
880-66969-3	Auger Hole 3	117	111
880-66969-4	Auger Hole 4	126	118
880-66969-5	Auger Hole 5	122	113
880-66969-6	Auger Hole 6	121	112
890-9354-A-3-C MS	Matrix Spike	150 S1+	122
890-9354-A-3-D MSD	Matrix Spike Duplicate	153 S1+	124
LCS 880-128925/2-A	Lab Control Sample	116	107
LCSD 880-128925/3-A	Lab Control Sample Dup	117	110
MB 880-128925/1-A	Method Blank	148 S1+	124

**Surrogate Legend**

1CO = 1-Chlorooctane  
OTPH = o-Terphenyl

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128918/8  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Method Blank  
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			01/14/26 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg			01/14/26 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			01/14/26 14:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			01/14/26 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			01/14/26 14:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			01/14/26 14:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		01/14/26 14:42	1
1,4-Difluorobenzene (Surr)	87		70 - 130		01/14/26 14:42	1

Lab Sample ID: MB 880-128939/5-A  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 128939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 21:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 21:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 21:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/14/26 09:58	01/14/26 21:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/14/26 09:58	01/14/26 21:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/14/26 09:58	01/14/26 21:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/14/26 09:58	01/14/26 21:01	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/14/26 09:58	01/14/26 21:01	1

Lab Sample ID: LCS 880-128939/1-A  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 128939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08349		mg/Kg		83	70 - 130
Toluene	0.100	0.08277		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08312		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1758		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08821		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-128939/2-A  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 128939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08777		mg/Kg		88	70 - 130	5	35

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-128939/2-A  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 128939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08841		mg/Kg		88	70 - 130	7	35
Ethylbenzene	0.100	0.08509		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1831		mg/Kg		92	70 - 130	4	35
o-Xylene	0.100	0.09222		mg/Kg		92	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9357-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 128939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08552		mg/Kg		86	70 - 130
Toluene	<0.00200	U	0.100	0.08423		mg/Kg		84	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08050		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1775		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08772		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9357-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 128918

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 128939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09194		mg/Kg		92	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08996		mg/Kg		90	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.08389		mg/Kg		84	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1855		mg/Kg		93	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09289		mg/Kg		93	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-129004/5-A  
 Matrix: Solid  
 Analysis Batch: 129006

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129004

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/15/26 08:44	01/15/26 11:50	1

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

**Lab Sample ID: MB 880-129004/5-A**  
**Matrix: Solid**  
**Analysis Batch: 129006**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 129004**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 08:44	01/15/26 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/26 08:44	01/15/26 11:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	87		70 - 130	01/15/26 08:44	01/15/26 11:50	1
1,4-Difluorobenzene (Surr)	79		70 - 130	01/15/26 08:44	01/15/26 11:50	1

**Lab Sample ID: LCS 880-129004/1-A**  
**Matrix: Solid**  
**Analysis Batch: 129006**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129004**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Toluene	0.100	0.1025		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1103		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2191		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1072		mg/Kg		107	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

**Lab Sample ID: LCSD 880-129004/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129006**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129004**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09246		mg/Kg		92	70 - 130	8	35
Toluene	0.100	0.09130		mg/Kg		91	70 - 130	12	35
Ethylbenzene	0.100	0.1009		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1992		mg/Kg		100	70 - 130	10	35
o-Xylene	0.100	0.09607		mg/Kg		96	70 - 130	11	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	76		70 - 130

**Lab Sample ID: 880-67010-A-5-C MS**  
**Matrix: Solid**  
**Analysis Batch: 129006**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 129004**

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U F1	0.100	0.07167		mg/Kg		72	70 - 130
Toluene	<0.00200	U F1	0.100	0.07512		mg/Kg		75	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08543		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1708		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08435		mg/Kg		84	70 - 130

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-67010-A-5-C MS  
 Matrix: Solid  
 Analysis Batch: 129006

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 129004

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 880-67010-A-5-D MSD  
 Matrix: Solid  
 Analysis Batch: 129006

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 129004

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Benzene	<0.00200	U F1	0.100	0.05728	F1	mg/Kg		57	70 - 130	22	35	
Toluene	<0.00200	U F1	0.100	0.06179	F1	mg/Kg		62	70 - 130	19	35	
Ethylbenzene	<0.00200	U	0.100	0.07204		mg/Kg		72	70 - 130	17	35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1453		mg/Kg		73	70 - 130	16	35	
o-Xylene	<0.00200	U	0.100	0.07056		mg/Kg		71	70 - 130	18	35	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-128925/1-A  
 Matrix: Solid  
 Analysis Batch: 129204

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 128925

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 04:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 04:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/26 08:45	01/17/26 04:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130	01/14/26 08:45	01/17/26 04:41	1
o-Terphenyl	124		70 - 130	01/14/26 08:45	01/17/26 04:41	1

Lab Sample ID: LCS 880-128925/2-A  
 Matrix: Solid  
 Analysis Batch: 129204

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 128925

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1034		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	986.4		mg/Kg		99	70 - 130	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	107		70 - 130

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### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-128925/3-A  
 Matrix: Solid  
 Analysis Batch: 129204

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 128925

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
										RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1056		mg/Kg		106	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1021		mg/Kg		102	70 - 130	3	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane	117		70 - 130							
o-Terphenyl	110		70 - 130							

Lab Sample ID: 890-9354-A-3-C MS  
 Matrix: Solid  
 Analysis Batch: 129204

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 128925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	937.2		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	841.5		mg/Kg		84	70 - 130		
		<b>MS</b>	<b>MS</b>								
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1-Chlorooctane	150	S1+	70 - 130								
o-Terphenyl	122		70 - 130								

Lab Sample ID: 890-9354-A-3-D MSD  
 Matrix: Solid  
 Analysis Batch: 129204

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 128925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	953.8		mg/Kg		95	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	883.5		mg/Kg		88	70 - 130	5	20
		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1-Chlorooctane	153	S1+	70 - 130								
o-Terphenyl	124		70 - 130								

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128923/1-A  
 Matrix: Solid  
 Analysis Batch: 128938

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/14/26 11:35	1

### QC Sample Results

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 880-128923/2-A**  
**Matrix: Solid**  
**Analysis Batch: 128938**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Soluble**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.0		mg/Kg		94	90 - 110

**Lab Sample ID: LCSD 880-128923/3-A**  
**Matrix: Solid**  
**Analysis Batch: 128938**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Soluble**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.4		mg/Kg		95	90 - 110	0	20

**Lab Sample ID: 880-66969-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 128938**

**Client Sample ID: Auger Hole 1**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	146		248	398.8		mg/Kg		102	90 - 110

**Lab Sample ID: 880-66969-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 128938**

**Client Sample ID: Auger Hole 1**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	146		248	398.1		mg/Kg		102	90 - 110	0	20

### QC Association Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

#### GC VOA

##### Analysis Batch: 128918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Total/NA	Solid	8021B	128939
880-66969-2	Auger Hole 2	Total/NA	Solid	8021B	128939
880-66969-3	Auger Hole 3	Total/NA	Solid	8021B	128939
880-66969-4	Auger Hole 4	Total/NA	Solid	8021B	128939
880-66969-5	Auger Hole 5	Total/NA	Solid	8021B	128939
MB 880-128918/8	Method Blank	Total/NA	Solid	8021B	
MB 880-128939/5-A	Method Blank	Total/NA	Solid	8021B	128939
LCS 880-128939/1-A	Lab Control Sample	Total/NA	Solid	8021B	128939
LCSD 880-128939/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128939
890-9357-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	128939
890-9357-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	128939

##### Prep Batch: 128939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Total/NA	Solid	5035	
880-66969-2	Auger Hole 2	Total/NA	Solid	5035	
880-66969-3	Auger Hole 3	Total/NA	Solid	5035	
880-66969-4	Auger Hole 4	Total/NA	Solid	5035	
880-66969-5	Auger Hole 5	Total/NA	Solid	5035	
MB 880-128939/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128939/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128939/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9357-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9357-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Prep Batch: 129004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-6	Auger Hole 6	Total/NA	Solid	5035	
MB 880-129004/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129004/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129004/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67010-A-5-C MS	Matrix Spike	Total/NA	Solid	5035	
880-67010-A-5-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 129006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-6	Auger Hole 6	Total/NA	Solid	8021B	129004
MB 880-129004/5-A	Method Blank	Total/NA	Solid	8021B	129004
LCS 880-129004/1-A	Lab Control Sample	Total/NA	Solid	8021B	129004
LCSD 880-129004/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129004
880-67010-A-5-C MS	Matrix Spike	Total/NA	Solid	8021B	129004
880-67010-A-5-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	129004

##### Analysis Batch: 129048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Total/NA	Solid	Total BTEX	
880-66969-2	Auger Hole 2	Total/NA	Solid	Total BTEX	
880-66969-3	Auger Hole 3	Total/NA	Solid	Total BTEX	
880-66969-4	Auger Hole 4	Total/NA	Solid	Total BTEX	
880-66969-5	Auger Hole 5	Total/NA	Solid	Total BTEX	
880-66969-6	Auger Hole 6	Total/NA	Solid	Total BTEX	

Eurofins Midland

## QC Association Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1Job ID: 880-66969-1  
SDG: 23439

## GC Semi VOA

## Prep Batch: 128925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-66969-2	Auger Hole 2	Total/NA	Solid	8015NM Prep	
880-66969-3	Auger Hole 3	Total/NA	Solid	8015NM Prep	
880-66969-4	Auger Hole 4	Total/NA	Solid	8015NM Prep	
880-66969-5	Auger Hole 5	Total/NA	Solid	8015NM Prep	
880-66969-6	Auger Hole 6	Total/NA	Solid	8015NM Prep	
MB 880-128925/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128925/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128925/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9354-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9354-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 129204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Total/NA	Solid	8015B NM	128925
880-66969-2	Auger Hole 2	Total/NA	Solid	8015B NM	128925
880-66969-3	Auger Hole 3	Total/NA	Solid	8015B NM	128925
880-66969-4	Auger Hole 4	Total/NA	Solid	8015B NM	128925
880-66969-5	Auger Hole 5	Total/NA	Solid	8015B NM	128925
880-66969-6	Auger Hole 6	Total/NA	Solid	8015B NM	128925
MB 880-128925/1-A	Method Blank	Total/NA	Solid	8015B NM	128925
LCS 880-128925/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128925
LCSD 880-128925/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128925
890-9354-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	128925
890-9354-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	128925

## Analysis Batch: 129334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Total/NA	Solid	8015 NM	
880-66969-2	Auger Hole 2	Total/NA	Solid	8015 NM	
880-66969-3	Auger Hole 3	Total/NA	Solid	8015 NM	
880-66969-4	Auger Hole 4	Total/NA	Solid	8015 NM	
880-66969-5	Auger Hole 5	Total/NA	Solid	8015 NM	
880-66969-6	Auger Hole 6	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 128923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Soluble	Solid	DI Leach	
880-66969-2	Auger Hole 2	Soluble	Solid	DI Leach	
880-66969-3	Auger Hole 3	Soluble	Solid	DI Leach	
880-66969-4	Auger Hole 4	Soluble	Solid	DI Leach	
880-66969-5	Auger Hole 5	Soluble	Solid	DI Leach	
880-66969-6	Auger Hole 6	Soluble	Solid	DI Leach	
MB 880-128923/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128923/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128923/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66969-1 MS	Auger Hole 1	Soluble	Solid	DI Leach	
880-66969-1 MSD	Auger Hole 1	Soluble	Solid	DI Leach	

Eurofins Midland

### QC Association Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
SDG: 23439

#### HPLC/IC

#### Analysis Batch: 128938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66969-1	Auger Hole 1	Soluble	Solid	300.0	128923
880-66969-2	Auger Hole 2	Soluble	Solid	300.0	128923
880-66969-3	Auger Hole 3	Soluble	Solid	300.0	128923
880-66969-4	Auger Hole 4	Soluble	Solid	300.0	128923
880-66969-5	Auger Hole 5	Soluble	Solid	300.0	128923
880-66969-6	Auger Hole 6	Soluble	Solid	300.0	128923
MB 880-128923/1-A	Method Blank	Soluble	Solid	300.0	128923
LCS 880-128923/2-A	Lab Control Sample	Soluble	Solid	300.0	128923
LCSD 880-128923/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128923
880-66969-1 MS	Auger Hole 1	Soluble	Solid	300.0	128923
880-66969-1 MSD	Auger Hole 1	Soluble	Solid	300.0	128923

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### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 1**

**Lab Sample ID: 880-66969-1**

Date Collected: 01/09/26 12:00

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	128939	01/14/26 09:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128918	01/14/26 23:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129048	01/14/26 23:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			129334	01/17/26 14:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128925	01/14/26 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129204	01/17/26 14:49	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	128923	01/14/26 08:30	SA	EET MID
Soluble	Analysis	300.0		1			128938	01/14/26 11:50	CS	EET MID

**Client Sample ID: Auger Hole 2**

**Lab Sample ID: 880-66969-2**

Date Collected: 01/09/26 12:02

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	128939	01/14/26 09:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128918	01/14/26 23:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129048	01/14/26 23:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			129334	01/17/26 15:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128925	01/14/26 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129204	01/17/26 15:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128923	01/14/26 08:30	SA	EET MID
Soluble	Analysis	300.0		1			128938	01/14/26 12:05	CS	EET MID

**Client Sample ID: Auger Hole 3**

**Lab Sample ID: 880-66969-3**

Date Collected: 01/09/26 12:04

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	128939	01/14/26 09:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128918	01/14/26 23:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129048	01/14/26 23:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			129334	01/17/26 15:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	128925	01/14/26 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129204	01/17/26 15:33	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128923	01/14/26 08:30	SA	EET MID
Soluble	Analysis	300.0		1			128938	01/14/26 12:10	CS	EET MID

**Client Sample ID: Auger Hole 4**

**Lab Sample ID: 880-66969-4**

Date Collected: 01/09/26 12:06

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	128939	01/14/26 09:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128918	01/15/26 00:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129048	01/15/26 00:07	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

**Client Sample ID: Auger Hole 4**

**Lab Sample ID: 880-66969-4**

Date Collected: 01/09/26 12:06

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			129334	01/17/26 15:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	128925	01/14/26 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129204	01/17/26 15:48	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128923	01/14/26 08:30	SA	EET MID
Soluble	Analysis	300.0		1			128938	01/14/26 12:15	CS	EET MID

**Client Sample ID: Auger Hole 5**

**Lab Sample ID: 880-66969-5**

Date Collected: 01/09/26 12:08

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	128939	01/14/26 09:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128918	01/15/26 00:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129048	01/15/26 00:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			129334	01/17/26 16:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128925	01/14/26 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129204	01/17/26 16:03	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128923	01/14/26 08:30	SA	EET MID
Soluble	Analysis	300.0		1			128938	01/14/26 12:20	CS	EET MID

**Client Sample ID: Auger Hole 6**

**Lab Sample ID: 880-66969-6**

Date Collected: 01/09/26 12:10

Matrix: Solid

Date Received: 01/13/26 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	129004	01/15/26 08:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129006	01/15/26 17:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129048	01/15/26 17:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			129334	01/17/26 16:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128925	01/14/26 08:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129204	01/17/26 16:18	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	128923	01/14/26 08:30	SA	EET MID
Soluble	Analysis	300.0		5			128938	01/14/26 12:35	CS	EET MID

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

### Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
SDG: 23439

#### Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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### Method Summary

Client: Etech Environmental & Safety Solutions  
 Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
 SDG: 23439

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



### Sample Summary

Client: Etech Environmental & Safety Solutions  
Project/Site: Okeanos SWD #1

Job ID: 880-66969-1  
SDG: 23439

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-66969-1	Auger Hole 1	Solid	01/09/26 12:00	01/13/26 16:26	6"
880-66969-2	Auger Hole 2	Solid	01/09/26 12:02	01/13/26 16:26	6"
880-66969-3	Auger Hole 3	Solid	01/09/26 12:04	01/13/26 16:26	6"
880-66969-4	Auger Hole 4	Solid	01/09/26 12:06	01/13/26 16:26	6"
880-66969-5	Auger Hole 5	Solid	01/09/26 12:08	01/13/26 16:26	6"
880-66969-6	Auger Hole 6	Solid	01/09/26 12:10	01/13/26 16:26	6"

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# Chain of Custody

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334  
Midland, TX (432-704-5440) EL Paso, TX (915)585-3443 Lubbock, TX (806)794-1296  
Hobbs, NM (575-392-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa, FL (813-620-2000)

W



880-66959 Chain of Custody

Project Manager:	Blake Estep	Bill to: (if different)	
Company Name:	eTech Environmental	Company Name:	
Address:	13000 W CR 100	Remediation #	
City, State ZIP:	Odessa, Texas 79765	Waste Report #	
Phone:	432-563-2200	Email:	blake@etechenv.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> FRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Okeanos SWD #1	Turn Around		ANALYSIS REQUEST	Work Order Notes
Project Number:	23439	Routine:	X		
P.O. Number:	23439	Rush:			
Sampler's Name:		Due Date:			
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Temperature (°C):	11.4	Thermometer ID			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	IR8			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor: -0.1			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Total Containers:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Sample Type G (Grab) or (C) Composite	Number of Containers	TPH 8015M	BTEX 8021B	Chlorides	TCLP RCRA 8 Metals	RCI	% Moisture	VOC	SVOC	TCLP Benzene	NORM	Sample Comments
Auger Hole 1	S	1/9/2026	12:00	6"	G	1	X	X	X								
Auger Hole 2	S	1/9/2026	12:02	6"	G	1	X	X	X								
Auger Hole 3	S	1/9/2026	12:04	6"	G	1	X	X	X								
Auger Hole 4	S	1/9/2026	12:06	6"	G	1	X	X	X								
Auger Hole 5	S	1/9/2026	12:08	6"	G	1	X	X	X								
Auger Hole 6	S	1/9/2026	12:10	6"	G	1	X	X	X								

<b>Total 200.7 / 6010 200.8 / 6020:</b>	8RCRA 13PPM Texas 11 Sb As Ba Be Cd Cr Pb Ni Se Ag Hg
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 1631 / 245.1 / 7470 / 7471 : Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Erica Dyl	1-12-26 3:40	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1



### Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-66969-1

SDG Number: 23439

**Login Number: 66969**

**List Number: 1**

**Creator: Dyal, Erica**

**List Source: Eurofins Midland**


Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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# APPENDIX F

## Field Screening Results & Lithologic Soil Sampling Results

					Sample Name: AH1		Date: 01/09/2026	
					Site Name: Okeanos SWD #1			
					Incident Number: NAPP2531557139			
					Job Number: 23439			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: AD		Method: Hand Auger	
Delineation Soil Sample Coordinates: 32.52403, -103.52050					Hole Diameter: 2"		Total Depth: 6"	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	168	NA	No	AH1	0.5	0 0.5	CCHE	(0-0.5') PAD CAP CALICHE, dry, tan, well graded with silt very fine to coarse grain, subgranular to subrounded gravel (0.5 cm to 1 cm), well condensed; Refusal encountered.
Total Depth								



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 570070

**QUESTIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2531557139
Incident Name	NAPP2531557139 OKEANOS SWD #1 @ M-36-20S-34E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Okeanos SWD #1
Date Release Discovered	11/11/2025
Surface Owner	Private

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Fitting   Produced Water   Released: 13 BBL   Recovered: 13 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release was in lined containment

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QUESTIONS, Page 2

Action 570070

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.*

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: <a href="#">Melissa Tull</a> Title: <a href="#">Environmental Representative</a> Email: <a href="mailto:Melissa.Tull@westernmidstream.com">Melissa.Tull@westernmidstream.com</a> Date: <a href="#">04/27/2026</a>
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QUESTIONS, Page 3

Action 570070

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 500 and 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2070
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	50
GRO+DRO (EPA SW-846 Method 8015M)	50
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/19/2026
On what date will (or did) the final sampling or liner inspection occur	03/19/2026
On what date will (or was) the remediation complete(d)	03/19/2026
What is the estimated surface area (in square feet) that will be reclaimed	4687.5
What is the estimated volume (in cubic yards) that will be reclaimed	97.7
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 570070

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Contamination from a historical release that is below the required remediation closure thresholds was found under a tear in the liner. At the time of site decommissioning, the area will be re-sampled. If contamination over 600 mg/kg is present, then an appropriate remediation plan will be developed at that time.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Melissa Tull Title: Environmental Representative Email: <a href="mailto:Melissa.Tull@westernmidstream.com">Melissa.Tull@westernmidstream.com</a> Date: 04/27/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 570070

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 570070

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>540398</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>01/09/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>12</b>
What was the sampling surface area in square feet	<b>3500</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1472.8
What was the total volume (in cubic yards) reclaimed	1472.8
Summarize any additional remediation activities not included by answers (above)	Contamination is below the required remediation closure thresholds. At the time of site decommissioning, the area will be re-sampled. If contamination over 600 mg/kg is present, then an appropriate remediation plan will be developed at that time.

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Melissa Tull Title: Environmental Representative Email: <a href="mailto:Melissa.Tull@westernmidstream.com">Melissa.Tull@westernmidstream.com</a> Date: 04/27/2026
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Action 570070

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 570070

**CONDITIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 570070
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2531557139 Okeanos SWD #1, thank you. This Remediation Closure Report is approved.	4/28/2026