ENSOLUM

March 27, 2026

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2025 Annual Groundwater Monitoring Report
Salty Dog Water Gathering System
San Juan County, New Mexico
Hilcorp Energy Company
NMOCD Incident No: nCS1916853082
Abatement Plan No: AP-139

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *2025 Annual Groundwater Monitoring Report* detailing groundwater monitoring and sampling activities performed in 2025 associated with the Salty Dog Water Gathering System (Site) pipeline release. The Site is located approximately 1,146 feet south of the San Juan River on private land in Unit N of Section 18, Township 29 North, Range 13 West, in San Juan County, New Mexico (Figure 1).

INITIAL RELEASE AND SITE BACKGROUND

A complete history of Site activities and information pertaining to the release are included in the *Stage 1 Abatement Plan,* submitted to the NMOCD on December 20, 2019, and the *Executive Summary – November 2022* report, dated November 20, 2022. The initial release was assigned incident number nCS1916853082 and the Site has been assigned NMOCD Abatement Number AP-139. This report summarizes the groundwater monitoring and sampling activities conducted in 2025.

SITEWIDE GROUNDWATER MONITORING

As proposed in the *Stage 1 Abatement Plan*, quarterly groundwater monitoring and sampling has been conducted beginning in the fourth quarter of 2019. Static groundwater levels are measured quarterly in all permanent monitoring wells at the Site using an oil/water interface probe. The interface probe is decontaminated with Alconox® soap and rinsed with distilled water prior to each measurement. Groundwater elevations at the Site are summarized on Table 1. In general, groundwater typically flows to the west/northwest at the Site. Figures 2 through 5 depict groundwater elevations, inferred potentiometric contours, and estimated flow direction for the 2025 sampling events.

Of note, groundwater elevations in all Site wells have decreased since sampling began in 2019 and several wells are continually dry or do not contain sufficient volumes of water to collect

groundwater samples. Historically, many of the Site wells are dry and/or contain insufficient volumes of water to sample during the winter months as the groundwater table fluctuates with seasonal variations; however, as seen across much of the region, this trend has extended into spring and summer months as well, likely in response to the ongoing drought conditions present in the area.

GROUNDWATER SAMPLING AND RESULTS

Groundwater monitoring wells were sampled by purging a minimum of three casing volumes or purging until the well bails dry. Water quality parameters are collected during the purging process from each well. Once purging is complete, groundwater samples are collected directly into laboratory provided containers. Samples are labeled with the date and time of collection, sample name, sampler's name, and parameters to be analyzed. Strict chain-of-custody procedures are documented and include the date and time sampled, sample number, type of sample, sampler's name and signature, preservative used, and analysis required. Groundwater sample analysis included the following analytes: volatile organic compounds (VOCs) following United States Environmental Protection Agency (EPA) Method 8260B, general water chemistry (GWC) parameters including total dissolved solids (TDS) following EPA Standard Method (SM) 2540C, pH following EPA SM4500-H+B/9040C, anions (bromide, chloride, fluoride, nitrite-nitrate, phosphorus, and sulfate) following EPA Method 300.0, and cations (calcium, magnesium, potassium, and sodium) following EPA Method 200.7.

Based on historical results, all concentrations of analyzed VOCs have been below New Mexico Water Quality Control Commission (NMWQCC) standards since the first quarter of 2020. Of the general water chemistry parameters sampled during the 2025 quarterly events, concentrations of chloride, fluoride, sulfate, and TDS are the only constituents with exceedances of the NMWQCC standards at the Site. In general, most water chemistry parameters have been stable over time. Chloride concentrations have decreased in many of the Site wells located in the source area since sampling began in 2019; however, chloride concentrations in wells MW28 and MW-29 have increased since they were first sampled in June of 2023, indicating a chloride plume is potentially migrating to the west and northwest with groundwater flow.

Additionally, groundwater samples collected from MW21 through MW24 indicate background concentrations of chloride, sulfate, and TDS are also present at naturally occurring concentrations above NMWQCC standards at the Site. All groundwater analytical results received for the Site, including background sampling results from temporary wells MW21 through MW24, are summarized in Tables 2 and 3. Groundwater analytical results for chloride and TDS from the 2025 sampling events are also presented on Figure 6. Complete groundwater laboratory analytical reports are included as Appendix A.

Ensolum appreciates the opportunity to provide this report to the NMOCD. Please direct any questions to the undersigned.

Sincerely,

Ensolum, LLC

Stuart Hyde
Senior Managing Geologist
(970) 903-1607
shyde@ensolum.com

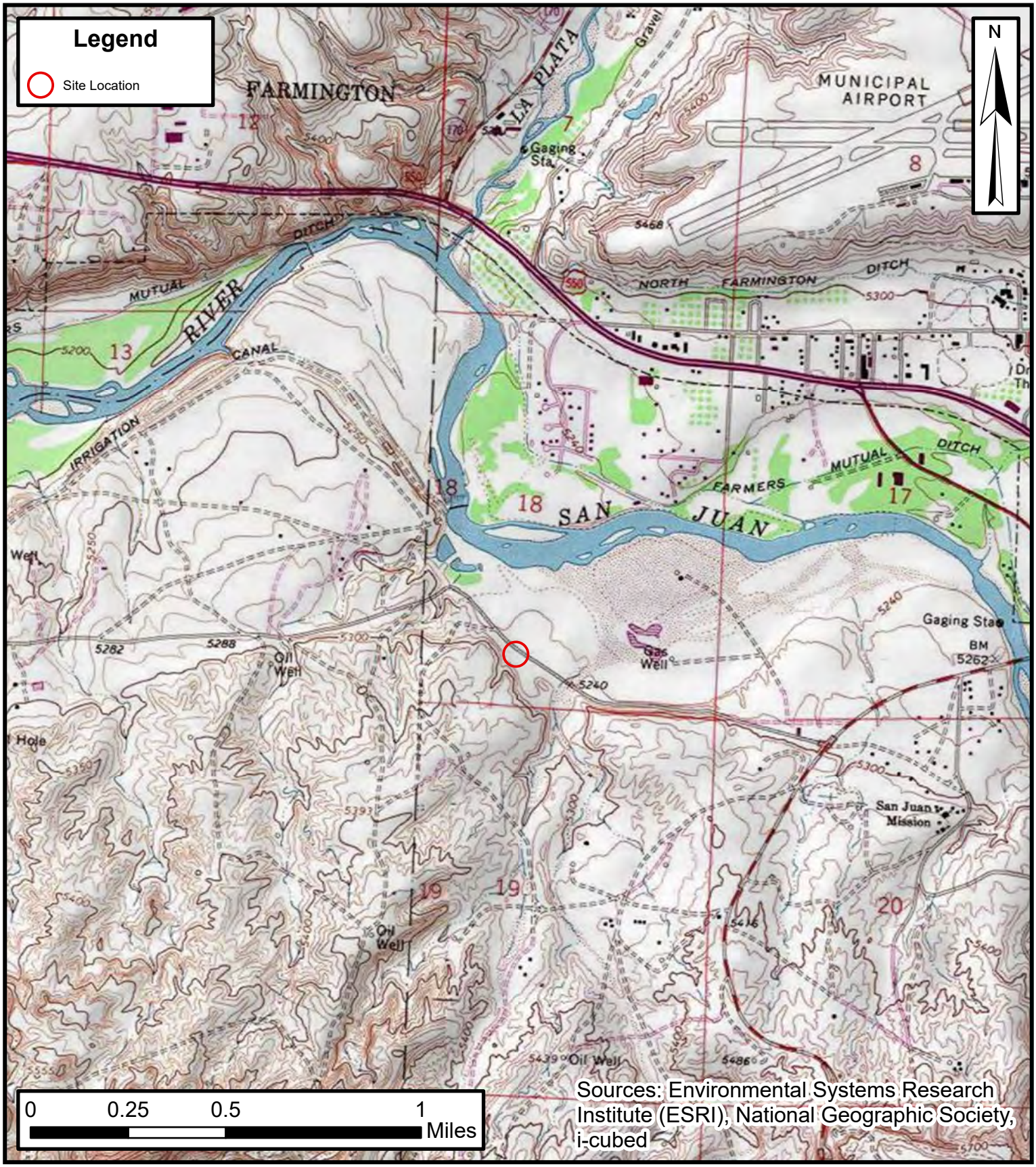
Daniel R. Moir
Associate Principal, Geologist
(303) 887-2946
dmoir@ensolum.com

Attachments:

Figure 1:	Site Location Map
Figure 2:	Groundwater Elevation Q1 2025
Figure 3:	Groundwater Elevation Q2 2025
Figure 4:	Groundwater Elevation Q3 2025
Figure 5:	Groundwater Elevation Q4 2025
Figure 6:	Groundwater Analytical Results 2025
Table 1:	Groundwater Elevations
Table 2:	Groundwater Analytical Results – Volatile Organic Compounds
Table 3:	Groundwater Analytical Results – Inorganics and General Chemistry
Appendix A:	Laboratory Analytical Reports

ENSOLUM

FIGURES



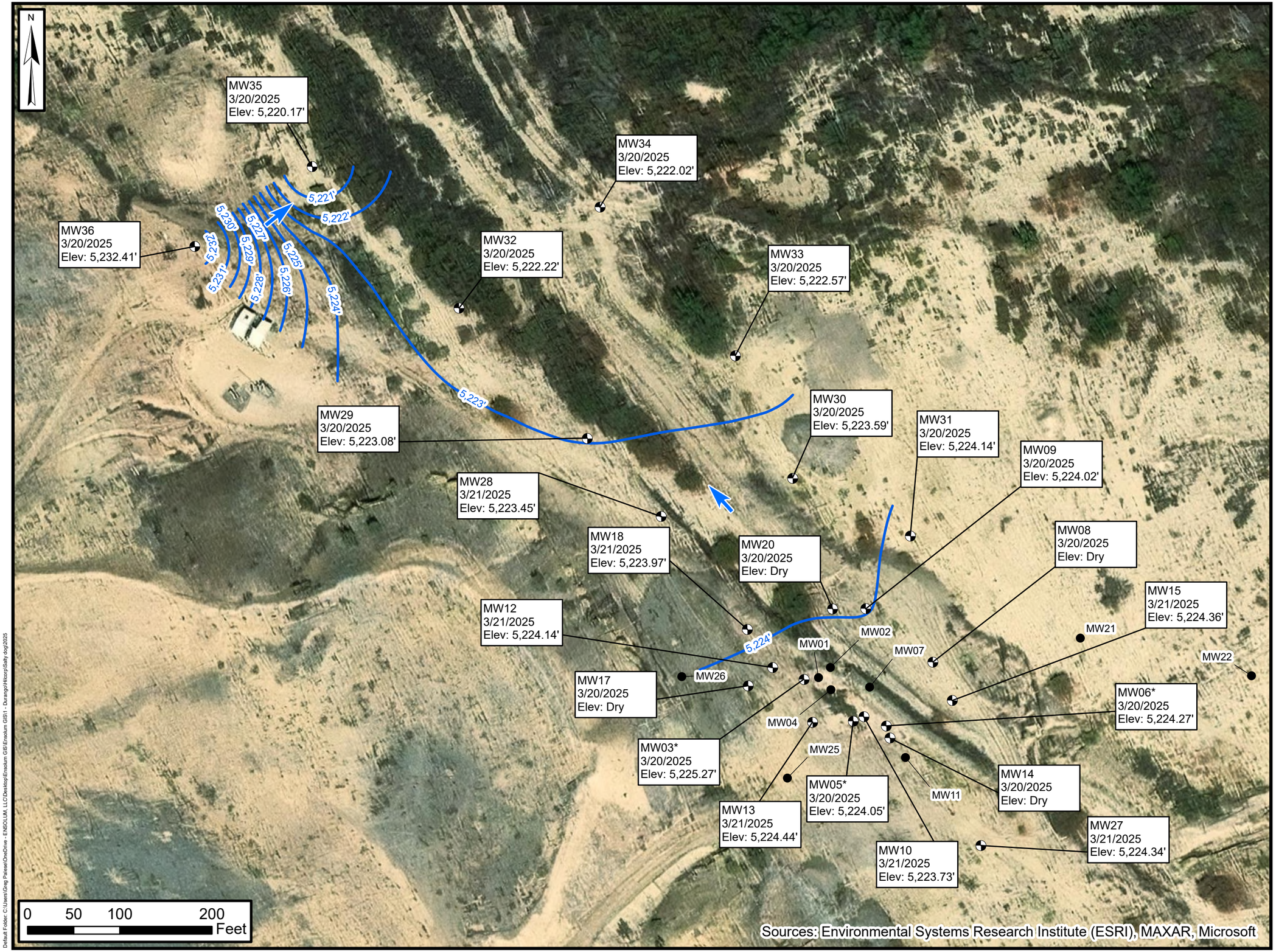
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

Salty Dog Water Gathering System
Hilcorp Energy Company

NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

FIGURE
1



Legend

- Monitoring Well
- Soil Boring
- Groundwater Elevation Contour
- Estimated Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
*: Not Indicative of Formation Groundwater

Groundwater Elevation Q1 2025

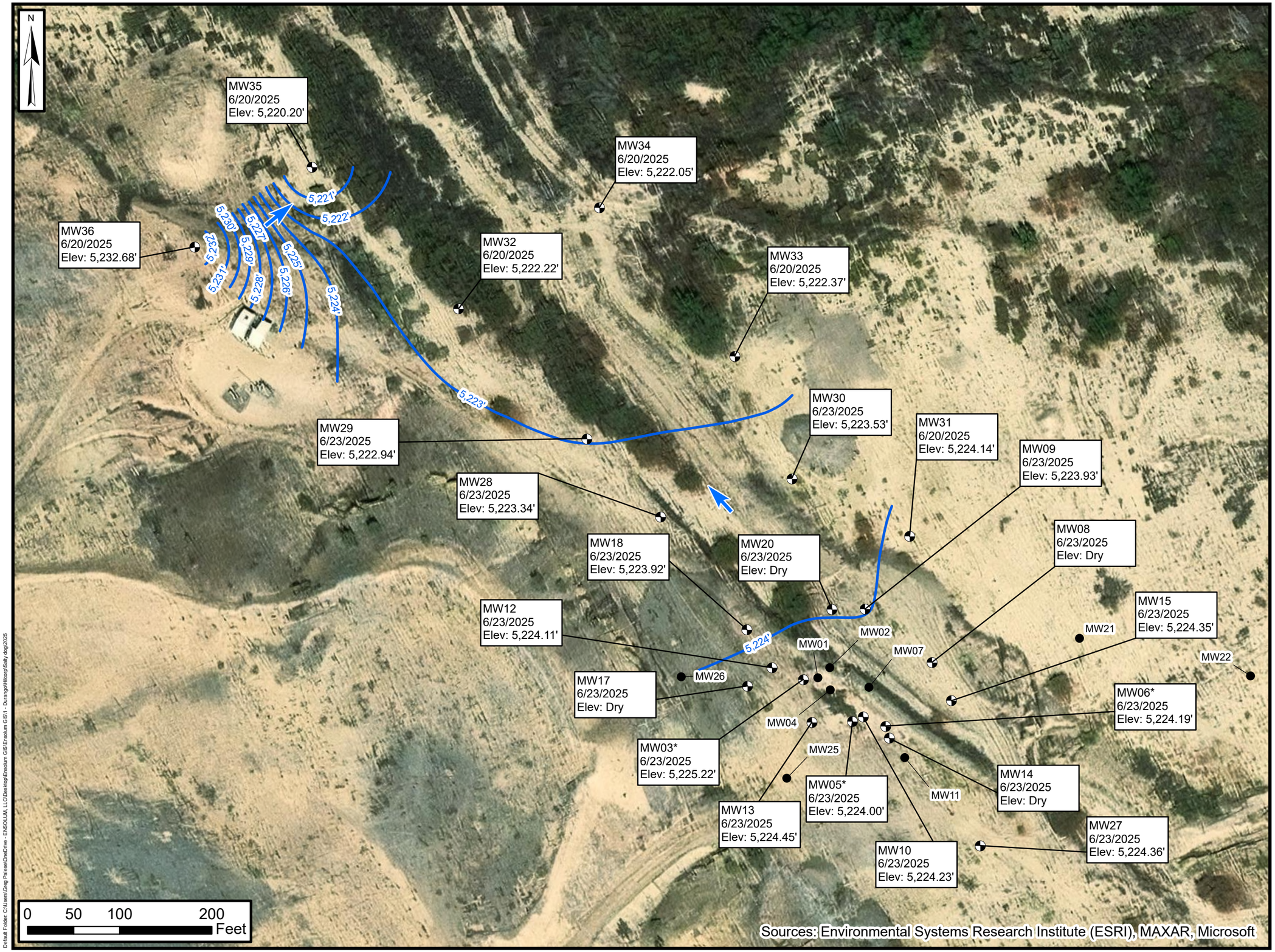
Salty Dog Water Gathering System
Hilcorp Energy Company

NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

Figure 2

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Default Folder: C:\Users\Greg Pelesel\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\Salty dog\2025



Default Folder: C:\Users\Greg Pallesen\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS1 - Durango\Hilcorp\Salty dog\2025

Legend

- Monitoring Well
- Soil Boring
- Groundwater Elevation Contour
- Estimated Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
*: Not Indicative of Formation Groundwater

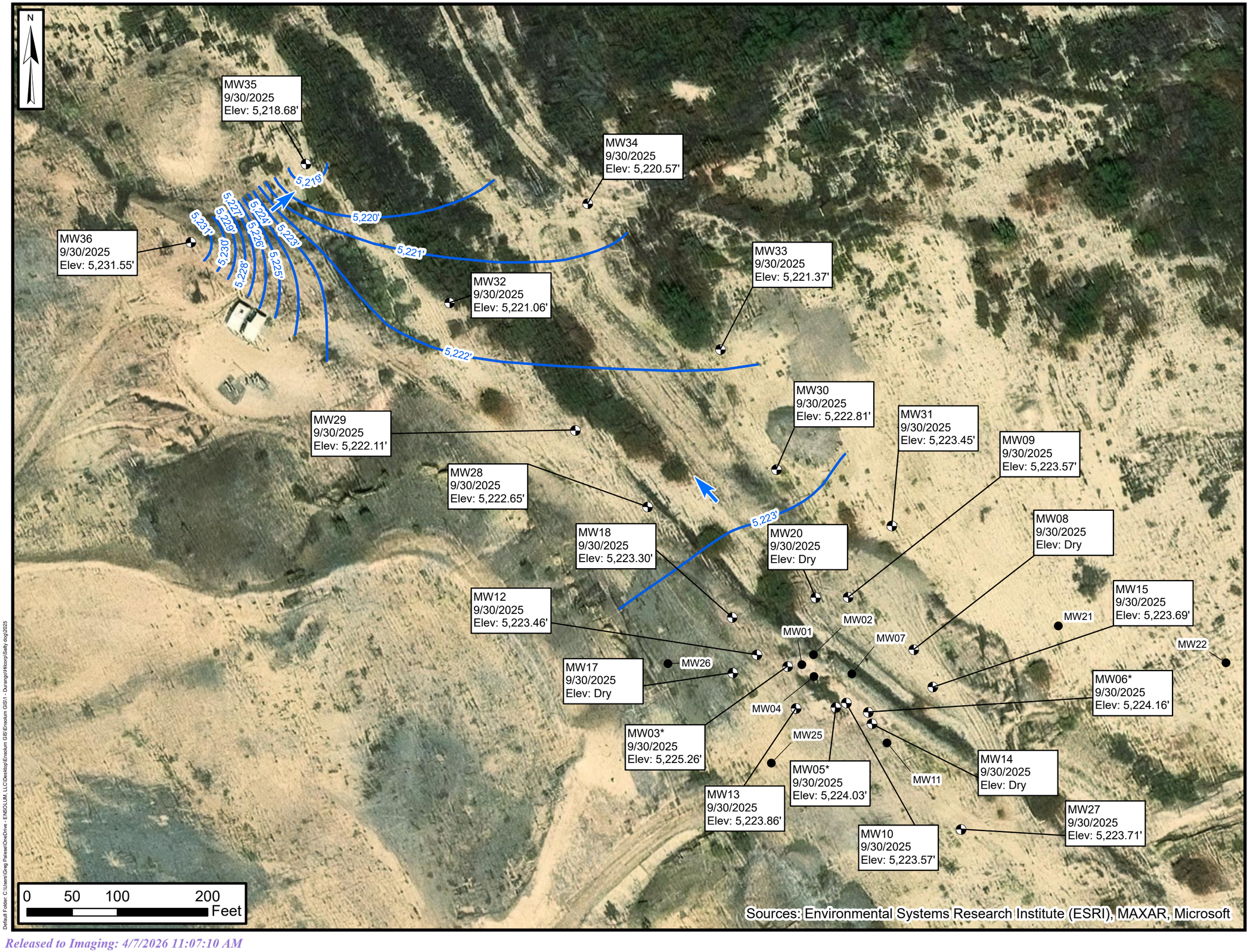
Groundwater Elevation Q2 2025

Salty Dog Water Gathering System
Hilcorp Energy Company

NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

Figure 3

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Monitoring Well
- Soil Boring
- Groundwater Elevation Contour
- Estimated Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
*: Not Indicative of Formation Groundwater

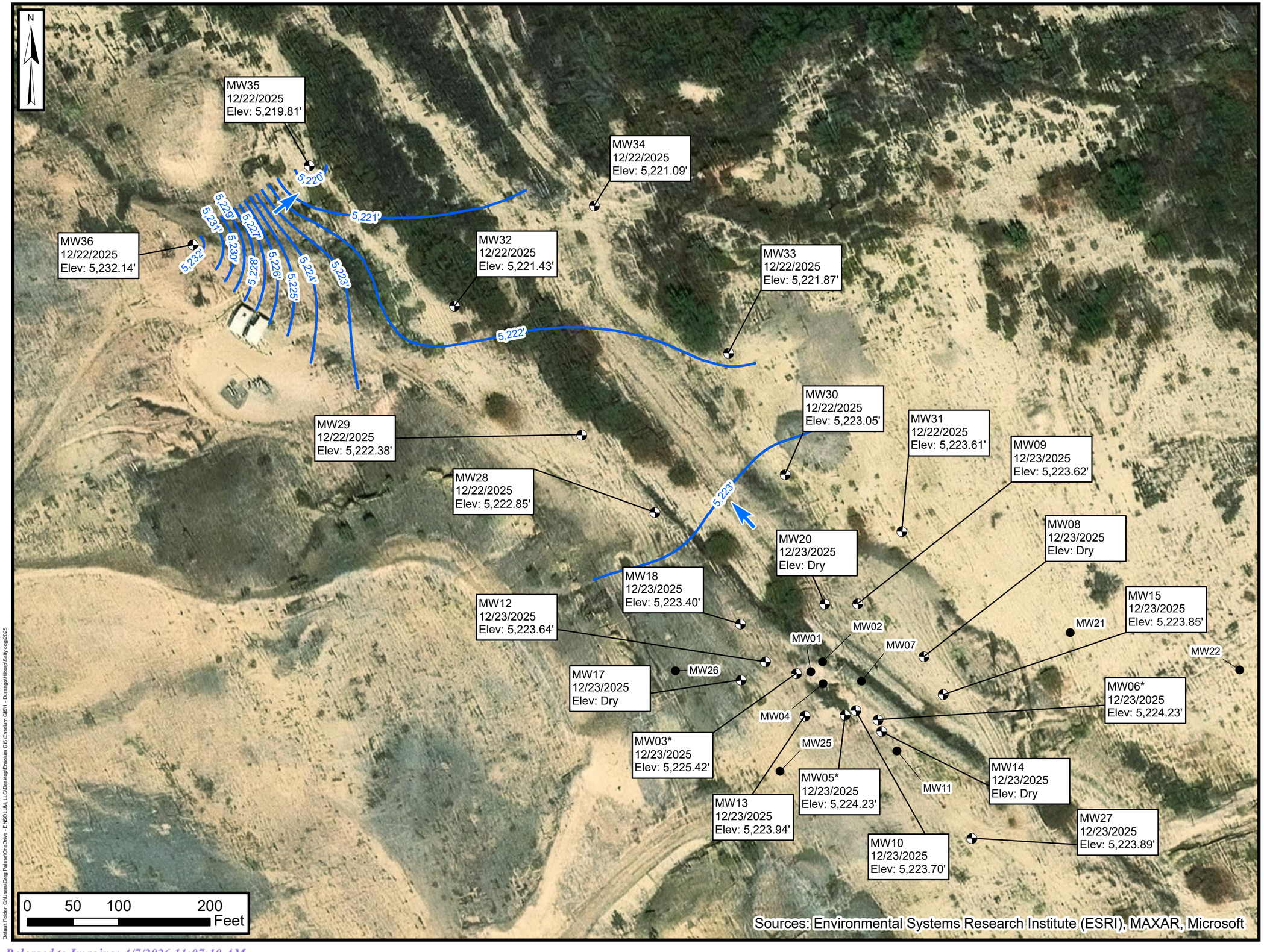
Groundwater Elevation Q3 2025

Salty Dog Water Gathering System
Hilcorp Energy Company

NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

Figure 4

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Monitoring Well
- Soil Boring
- Groundwater Elevation Contour
- Estimated Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
*: Not Indicative of Formation Groundwater

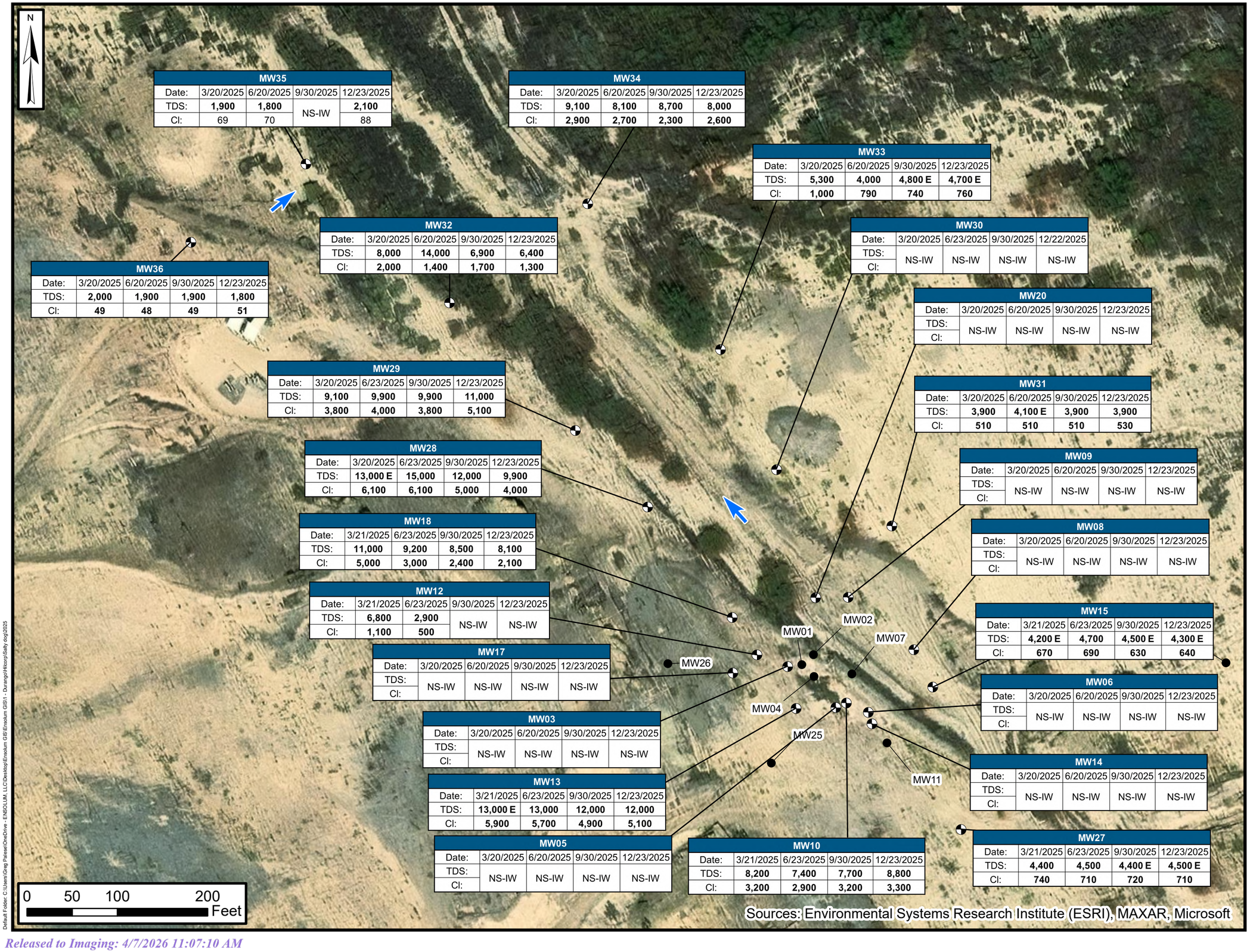
Groundwater Elevation Q4 2025

Salty Dog Water Gathering System
Hilcorp Energy Company

NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

Figure 5

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Monitoring Well
- Soil Boring
- Estimated Groundwater Flow Direction

Notes:
TDS: Total Dissolved Solids
Cl: Chloride in Milligrams per Liter (mg/L)
Bold: Indicates Result Exceeds NMWQCC Standard
NMWQCC: New Mexico Water Quality Conservation Commission
E: Results Exceed Calibration Range
NS-IW: Not Sampled due to Insufficient Water Volume

Groundwater Analytical Results 2025

Salty Dog Water Gathering System
Hilcorp Energy Company

NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

Figure 6

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

ENSOLUM

TABLES

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW03	5,262.40	9/12/2019	33.62	5,228.78
		10/22/2019	33.92	5,228.48
		10/24/2019	33.98	5,228.42
		2/11/2020	33.66	5,228.74
		3/12/2020	33.52	5,228.88
		6/22/2020	33.83	5,228.57
		9/10/2020	34.60	5,227.80
		12/1/2020	35.22	5,227.18
		2/22/2021	35.43	5,226.97
		6/24/2021	35.60	5,226.80
		9/28/2021*	36.23	5,226.17
		12/7/2021*	37.12	5,225.28
		3/15/2022*	36.65	5,225.75
		6/27/2022*	36.90	5,225.50
		9/23/2022*	37.04	5,225.36
		12/31/2022*	37.07	5,225.33
		3/30/2023*	37.06	5,225.34
		6/21/2023*	37.32	5,225.08
		8/16/2023	DRY	DRY
		12/13/2023*	37.09	5,225.31
		3/11/2024*	37.09	5,225.31
		6/25/2024*	37.10	5,225.30
		9/11/2024*	37.12	5,225.28
		12/12/2024*	37.13	5,225.27
		3/20/2025*	37.13	5,225.27
		6/23/2025*	37.18	5,225.22
		9/30/2025	37.14	5,225.26
		12/23/2025	36.98	5,225.42
MW05	5,262.11	9/12/2019	33.36	5,228.75
		10/22/2019	33.70	5,228.41
		10/24/2019	33.70	5,228.41
		2/11/2020	33.48	5,228.63
		3/12/2020	33.35	5,228.76

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW05	5,262.11	6/22/2020	33.65	5,228.46
		9/10/2020	34.43	5,227.68
		11/30/2020	35.10	5,227.01
		2/19/2021	35.32	5,226.79
		6/24/2021	35.48	5,226.63
		9/28/2021	36.09	5,226.02
		12/7/2021	36.42	5,225.69
		3/15/2022	36.54	5,225.57
		6/27/2022	36.92	5,225.19
		9/23/2022*	37.12	5,224.99
		12/31/2022*	37.53	5,224.58
		3/30/2023*	37.49	5,224.62
		6/21/2023*	37.28	5,224.83
		8/16/2023	DRY	DRY
		12/13/2023*	37.99	5,224.12
		3/11/2024*	37.98	5,224.13
		6/25/2024*	38.00	5,224.11
		9/11/2024*	38.02	5,224.09
		12/12/2024*	38.07	5,224.04
		3/20/2025*	38.06	5,224.05
		6/23/2025*	38.11	5,224.00
		9/30/2025	38.08	5,224.03
		12/23/2025	37.88	5,224.23
MW06	5,261.78	9/12/2019	32.74	5,229.04
		10/22/2019	33.05	5,228.73
		10/24/2019	33.08	5,228.70
		2/11/2020	32.87	5,228.91
		3/12/2020	32.76	5,229.02
		6/22/2020	33.00	5,228.78
		9/9/2020	33.73	5,228.05
		11/30/2020	34.42	5,227.36
		2/18/2021	34.64	5,227.14
		6/24/2021	34.81	5,226.97
		9/27/2021	35.47	5,226.31

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW06	5,261.78	12/7/2021	35.79	5,225.99
		3/16/2022	35.88	5,225.90
		6/27/2022	35.97	5,225.81
		9/23/2022*	36.53	5,225.25
		12/31/2022*	36.93	5,224.85
		3/30/2023*	36.82	5,224.96
		6/21/2023*	36.70	5,225.08
		8/16/2023	DRY	DRY
		12/13/2023*	37.51	5,224.27
		3/11/2024*	37.47	5,224.31
		6/25/2024*	37.55	5,224.23
		9/11/2024*	37.64	5,224.14
		12/12/2024*	37.68	5,224.10
		3/20/2025*	37.51	5,224.27
		6/23/2025*	37.59	5,224.19
		9/30/2025	37.62	5,224.16
		12/23/2025	37.55	5,224.23
MW08	5,252.50	10/22/2019	23.80	5,228.70
		10/24/2019	23.81	5,228.69
		2/11/200	23.98	5,228.52
		3/12/2020	23.50	5,229.00
		6/23/2020	23.76	5,228.74
		9/14/2020	24.50	5,228.00
		12/2/2020	25.03	5,227.47
		2/23/2021	25.18	5,227.32
		6/24/2021	25.21	5,227.29
		9/27/2021	25.21	5,227.29
		12/7/2021	DRY	DRY
		3/16/2022	DRY	DRY
		6/27/2022	DRY	DRY
		9/23/2022	DRY	DRY
		12/31/2022	DRY	DRY
		3/30/2023	DRY	DRY
		6/21/2023*	25.10	5,227.40

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW08	5,252.50	8/16/2023	DRY	DRY
		12/13/2023	DRY	DRY
		3/11/2024	DRY	DRY
		6/25/2024*	25.30	5,227.20
		9/11/2024	DRY	DRY
		12/12/2024	DRY	DRY
		3/20/2025	DRY	DRY
		6/23/2025	DRY	DRY
		9/30/2025	DRY	DRY
		12/23/2025	DRY	DRY
MW09	5,252.38	10/22/2019	23.94	5,228.44
		10/24/2019	23.93	5,228.45
		2/11/2020	23.70	5,228.68
		3/12/2020	23.53	5,228.85
		6/23/2020	23.86	5,228.52
		9/15/2020	24.62	5,227.76
		12/2/2020	25.21	5,227.17
		2/23/2021	25.39	5,226.99
		6/24/2021	25.60	5,226.78
		9/28/2021	26.22	5,226.16
		12/7/2021	36.58	5,215.80
		3/16/2022	26.66	5,225.72
		6/27/2022	26.77	5,225.61
		9/23/2022	27.28	5,225.10
		12/31/2022	27.68	5,224.70
		3/30/2023	27.58	5,224.80
		6/21/2023	27.49	5,224.89
		8/16/2023	27.87	5,224.51
		12/13/2023	28.24	5,224.14
		3/11/2024	28.19	5,224.19
		6/25/2024	28.35	5,224.03
		9/11/2024	28.56	5,223.82
		12/12/2024	28.60	5,223.78
		3/20/2025	28.36	5,224.02

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW09	5,252.38	6/23/2025	28.45	5,223.93
		9/30/2025	28.81	5,223.57
		12/23/2025	28.76	5,223.62
MW10	5,259.28	10/22/2019	30.59	5,228.69
		10/24/2019	30.60	5,228.68
		2/11/2020	30.35	5,228.93
		3/12/2020	30.25	5,229.03
		6/22/2020	30.52	5,228.76
		9/9/2020	31.26	5,228.02
		11/30/2020	31.93	5,227.35
		2/18/2021	32.16	5,227.12
		6/24/2021	32.32	5,226.96
		9/27/2021	33.00	5,226.28
		12/7/2021	33.34	5,225.94
		3/15/2022	33.43	5,225.85
		6/27/2022	34.53	5,224.75
		9/23/2022	34.06	5,225.22
		12/31/2022	34.45	5,224.83
		3/30/2023	34.35	5,224.93
		6/21/2023	34.21	5,225.07
		8/17/2023	34.62	5,224.66
		12/12/2023	35.00	5,224.28
		3/11/2024	34.96	5,224.32
		6/25/2024	35.10	5,224.18
		9/11/2024	35.32	5,223.96
		12/12/2024	35.85	5,223.43
		3/21/2025	35.55	5,223.73
		6/23/2025	35.05	5,224.23
		9/30/2025	35.71	5,223.57
		12/23/2025	35.58	5,223.70
MW12	5,259.25	10/22/2019	30.85	5,228.40
		10/24/2019	30.83	5,228.42
		2/11/2020	30.55	5,228.70
		3/12/2020	30.41	5,228.84

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW12	5,259.25	6/23/2020	30.72	5,228.53
		9/11/2020	31.49	5,227.76
		12/1/2020	32.11	5,227.14
		2/22/2021	32.33	5,226.92
		6/24/2021	32.57	5,226.68
		9/28/2021	32.12	5,227.13
		12/7/2021	33.45	5,225.80
		3/15/2022	33.54	5,225.71
		6/27/2022	33.65	5,225.60
		9/23/2022	34.15	5,225.10
		12/31/2022	34.96	5,224.29
		3/30/2023	34.42	5,224.83
		6/21/2023	34.35	5,224.90
		8/17/2023	34.70	5,224.55
		12/12/2023	34.98	5,224.27
		3/11/2024	35.02	5,224.23
		6/25/2024	35.17	5,224.08
		9/11/2024	35.38	5,223.87
		12/12/2024	35.47	5,223.78
		3/21/2025	35.11	5,224.14
		6/23/2025	35.14	5,224.11
		9/30/2025	35.79	5,223.46
		12/23/2025	35.61	5,223.64
MW13	5,260.32	10/22/2019	31.81	5,228.51
		10/24/2019	31.83	5,228.49
		2/11/2020	31.55	5,228.77
		3/12/2020	31.43	5,228.89
		6/22/2020	31.73	5,228.59
		9/10/2020	32.51	5,227.81
		12/1/2020	33.16	5,227.16
		2/19/2021	33.37	5,226.95
		6/24/2021	33.75	5,226.57
		9/28/2021	34.14	5,226.18
		12/7/2021	34.46	5,225.86

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW13	5,260.32	3/15/2022	34.53	5,225.79
		6/27/2022	34.63	5,225.69
		9/23/2022	35.11	5,225.21
		12/31/2022	35.53	5,224.79
		3/30/2023	35.53	5,224.79
		6/21/2023	NM	NM
		8/17/2023	37.45	5,222.87
		12/13/2023	35.80	5,224.52
		3/11/2024	36.00	5,224.32
		6/25/2024	35.88	5,224.44
		9/11/2024	36.11	5,224.21
		12/12/2024	36.25	5,224.07
		3/21/2025	35.88	5,224.44
		6/23/2025	35.87	5,224.45
		9/30/2025	36.46	5,223.86
		12/23/2025	36.38	5,223.94
MW14	5,259.67	10/22/2019	30.92	5,228.75
		10/24/2019	30.92	5,228.75
		2/11/2020	30.74	5,228.93
		3/12/2020	30.63	5,229.04
		6/23/2020	30.91	5,228.76
		9/9/2020	31.62	5,228.05
		11/30/2020	32.30	5,227.37
		2/18/2021	32.52	5,227.15
		6/24/2021	32.70	5,226.97
		9/27/2021	33.34	5,226.33
		12/7/2021	33.68	5,225.99
		3/15/2022	33.74	5,225.93
		6/27/2022	33.87	5,225.80
		9/23/2022*	34.40	5,225.27
		12/31/2022*	34.82	5,224.85
		3/30/2023*	34.70	5,224.97
		6/21/2023*	34.60	5,225.07
		8/17/2023	DRY	DRY

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW14	5,259.67	12/13/2023*	35.13	5,224.54
		3/11/2024*	35.16	5,224.51
		6/25/2024*	35.14	5,224.53
		9/11/2024*	35.16	5,224.51
		12/12/2024	DRY	DRY
		3/20/2025	DRY	DRY
		6/23/2025	DRY	DRY
		9/30/2025	DRY	DRY
		12/23/2025	DRY	DRY
MW15	5,256.00	10/22/2019	27.20	5,228.80
		10/24/2019	27.15	5,228.85
		2/11/2020	26.96	5,229.04
		3/12/2020	26.84	5,229.16
		6/23/2020	27.12	5,228.88
		9/14/2020	27.91	5,228.09
		12/2/2020	28.55	5,227.45
		2/23/2021	28.76	5,227.24
		6/24/2021	28.92	5,227.08
		9/27/2021	29.59	5,226.41
		12/7/2021	29.92	5,226.08
		3/16/2022	29.97	5,226.03
		6/27/2022	30.12	5,225.88
		9/23/2022	30.63	5,225.37
		12/31/2022	31.05	5,224.95
		3/30/2023	30.93	5,225.07
		6/21/2023	30.84	5,225.16
		8/16/2023	31.21	5,224.79
		12/12/2023	31.66	5,224.34
		3/11/2024	31.59	5,224.41
		6/25/2024	31.67	5,224.33
		9/11/2024	30.93	5,225.07
		12/12/2024	30.95	5,225.05
		3/21/2025	31.64	5,224.36
		6/23/2025	31.65	5,224.35

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW15	5,256.00	9/30/2025	32.31	5,223.69
		12/23/2025	32.15	5,223.85
MW17	5,260.27	2/11/2020	31.60	5,228.67
		3/12/2020	31.47	5,228.80
		6/22/2020	31.87	5,228.40
		9/11/2020	32.69	5,227.58
		12/2/2020	33.32	5,226.95
		2/22/2021	33.54	5,226.73
		6/24/2021	--	--
		9/28/2021*	34.32	5,225.95
		12/6/2021*	34.61	5,225.66
		3/16/2022*	34.66	5,225.61
		6/27/2022*	35.18	5,225.09
		9/23/2022*	35.09	5,225.18
		12/31/2022	DRY	DRY
		3/30/2023	DRY	DRY
		6/21/2023*	35.25	5,225.02
		8/17/2023	DRY	DRY
		12/12/2023*	33.73	5,226.54
		3/11/2024*	33.79	5,226.48
		6/25/2024*	35.10	5,225.17
		9/11/2024*	35.34	5,224.93
		12/12/2024*	35.34	5,224.93
		3/20/2025	DRY	DRY
		6/23/2025	DRY	DRY
		9/30/2025	DRY	DRY
		12/23/2025	DRY	DRY
MW18	5,259.64	2/11/2020	31.07	5,228.57
		3/12/2020	30.92	5,228.72
		6/22/2020	31.33	5,228.31
		9/11/2020	32.08	5,227.56
		12/1/2020	32.67	5,226.97
		2/22/2021	32.86	5,226.78
		6/24/2021	38.09	5,221.55

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW18	5,259.64	9/28/2021	38.74	5,220.90
		12/6/2021	34.06	5,225.58
		3/14/2022	34.11	5,225.53
		6/27/2022	34.24	5,225.40
		9/23/2022	34.76	5,224.88
		12/31/2022	35.12	5,224.52
		3/30/2023	34.97	5,224.67
		6/21/2023	34.90	5,224.74
		8/17/2023	35.31	5,224.33
		12/12/2023	35.54	5,224.10
		3/11/2024	35.52	5,224.12
		6/25/2024	35.71	5,223.93
		9/11/2024	35.95	5,223.69
		12/12/2024	36.03	5,223.61
		3/21/2025	35.67	5,223.97
		6/23/2025	35.72	5,223.92
		9/30/2025	36.34	5,223.30
		12/23/2025	36.24	5,223.40
MW20	5,252.11	2/11/2020	23.41	5,228.70
		3/12/2020	23.24	5,228.87
		6/23/2020	23.58	5,228.53
		9/15/2020	24.36	5,227.75
		12/2/2020	24.94	5,227.17
		2/23/2021	25.11	5,227.00
		6/24/2021	25.32	5,226.79
		9/28/2021	DRY	DRY
		12/7/2021	26.26	5,225.85
		3/16/2022	26.33	5,225.78
		6/27/2022	DRY	DRY
		9/23/2022	DRY	DRY
		12/31/2022	DRY	DRY
		3/30/2023	DRY	DRY
		6/21/2023	DRY	DRY
		8/17/2023	DRY	DRY

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW20	5,252.11	12/12/2023	DRY	DRY
		3/11/2024	DRY	DRY
		6/25/2024	DRY	DRY
		9/11/2024	DRY	DRY
		12/12/2024	DRY	DRY
		3/20/2025	DRY	DRY
		6/23/2025	DRY	DRY
		9/30/2025	DRY	DRY
		12/23/2025	DRY	DRY
MW27	5,262.41	6/21/2023	DRY	DRY
		8/17/2023	DRY	DRY
		12/12/2023	38.09	5,224.32
		3/11/2024	38.02	5,224.39
		6/25/2024	38.13	5,224.28
		9/11/2024	38.37	5,224.04
		12/12/2024	38.37	5,224.04
		3/21/2025	38.07	5,224.34
		6/23/2025	38.05	5,224.36
		9/30/2025	38.70	5,223.71
		12/23/2025	38.52	5,223.89
MW28	5,252.68	6/21/2023	28.60	5,224.08
		8/17/2023	29.06	5,223.62
		12/12/2023	29.17	5,223.51
		3/11/2024	29.03	5,223.65
		6/25/2024	29.24	5,223.44
		9/11/2024	29.58	5,223.10
		12/12/2024	29.64	5,223.04
		3/20/2025	29.23	5,223.45
		6/23/2025	29.34	5,223.34
		9/30/2025	30.03	5,222.65
		12/22/2025	29.83	5,222.85
MW29	5,251.76	6/21/2023	28.09	5,223.67
		8/17/2023	28.65	5,223.11
		12/12/2023	28.60	5,223.16

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW-29	5,251.76	3/11/2024	28.42	5,223.34
		6/25/2024	28.92	5,222.84
		9/11/2024	29.09	5,222.67
		12/12/2024	29.14	5,222.62
		3/20/2025	28.68	5,223.08
		6/23/2025	28.82	5,222.94
		9/30/2025	29.65	5,222.11
		12/22/2025	29.38	5,222.38
MW30	5,243.58	6/21/2023	19.32	5,224.26
		8/17/2023	20.45	5,223.13
		12/13/2023	19.94	5,223.64
		3/11/2024	19.83	5,223.75
		6/26/2024	20.02	5,223.56
		9/11/2024	20.33	5,223.25
		12/12/2024	20.35	5,223.23
		3/20/2025	19.99	5,223.59
		6/23/2025	20.05	5,223.53
		9/30/2025	20.77	5,222.81
		12/22/2025	20.53	5,223.05
MW31	5,244.32	6/21/2023	19.39	5,224.93
		8/17/2023	19.78	5,224.54
		12/13/2023	20.17	5,224.15
		3/11/2024	20.08	5,224.24
		6/26/2024	20.23	5,224.09
		9/11/2024	20.49	5,223.83
		12/12/2024	20.50	5,223.82
		3/20/2025	20.18	5,224.14
		6/20/2025	20.18	5,224.14
		9/30/2025	20.87	5,223.45
		12/22/2025	20.71	5,223.61
MW32	5,249.34	3/20/2025	27.12	5,222.22
		6/20/2025	27.12	5,222.22
		9/30/2025	28.28	5,221.06
		12/22/2025	27.91	5,221.43

ENSOLUM

TABLE 1
GROUNDWATER ELEVATIONS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW33	5,242.32	3/20/2025	19.75	5,222.57
		6/20/2025	19.95	5,222.37
		9/30/2025	20.95	5,221.37
		12/22/2025	20.45	5,221.87
MW34	5,240.95	3/20/2025	18.93	5,222.02
		6/20/2025	18.90	5,222.05
		9/30/2025	20.38	5,220.57
		12/22/2025	19.86	5,221.09
MW35	5,248.08	3/20/2025	27.91	5,220.17
		6/20/2025	27.88	5,220.20
		9/30/2025	29.40	5,218.68
		12/22/2025	28.27	5,219.81
MW36	5,272.84	3/20/2025	40.43	5,232.41
		6/20/2025	40.16	5,232.68
		9/30/2025	41.29	5,231.55
		12/22/2025	40.70	5,232.14

Notes:

**: not indicative of formation groundwater, low volumes insufficient for sampling and likely due to condensation buildup*

AMSL: above mean sea level

BTOC: below top of casing

NM: Not Measured

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW03	9/12/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/1/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	<1.0	<1.0	<1.0	<3.0
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/28/2021	Insufficient Water Volumes to Collect Sample			
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/16/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	Insufficient Water Volumes to Collect Sample			
	9/23/2022	Insufficient Water Volumes to Collect Sample			
	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/16/2023	Insufficient Water Volumes to Collect Sample			
	12/12/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW05	9/12/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	11/30/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	Insufficient Water Volumes to Collect Sample			
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/28/2021	Insufficient Water Volumes to Collect Sample			

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW05	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/17/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	Insufficient Water Volumes to Collect Sample			
	9/23/2022	Insufficient Water Volumes to Collect Sample			
	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/16/2023	Insufficient Water Volumes to Collect Sample			
	12/12/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW06	9/12/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	11/30/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	Insufficient Water Volumes to Collect Sample			
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/28/2021	Insufficient Water Volumes to Collect Sample			
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/16/2022	<1.0	<1.0	<1.0	<1.5
	6/28/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	Insufficient Water Volumes to Collect Sample			
	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/16/2023	Insufficient Water Volumes to Collect Sample			

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW06	12/12/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW08	10/24/2019	<1.0	<1.0	<1.0	<1.5
	3/13/2020	<1.0	<1.0	<1.0	<1.5
	6/23/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	Insufficient Water Volumes to Collect Sample			
	11/30/2020	Insufficient Water Volumes to Collect Sample			
	2/22/2021	Insufficient Water Volumes to Collect Sample			
	6/24/2021	Insufficient Water Volumes to Collect Sample			
	9/28/2021	Insufficient Water Volumes to Collect Sample			
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/16/2022	Insufficient Water Volumes to Collect Sample			
	6/28/2022	Insufficient Water Volumes to Collect Sample			
	9/23/2022	Insufficient Water Volumes to Collect Sample			
	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/16/2023	Insufficient Water Volumes to Collect Sample			
	12/12/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW09	10/24/2019	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW09	3/13/2020	<1.0	<1.0	<1.0	<1.5
	6/23/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/2/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	<1.0	<1.0	<1.0	<3.0
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/27/2021	<1.0	<1.0	<1.0	<1.5
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/16/2022	<1.0	<1.0	<1.0	<1.5
	6/28/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	<1.0	<1.0	<1.0	<1.5
	12/31/2022	<1.0	<1.0	<1.0	<1.5
	3/30/2023	<2.0	<2.0	<2.0	<3.0
	6/21/2023	<1.0	<1.0	<1.0	<1.5
	8/16/2023	<1.0	<1.0	<1.0	<1.5
	12/13/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<2.0	<2.0	<2.0	<3.0
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW10	10/24/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	11/30/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	Insufficient Water Volumes to Collect Sample			
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/27/2021	<1.0	<1.0	<1.0	<1.5
	12/7/2021	Insufficient Water Volumes to Collect Sample			

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW10	3/15/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	<1.0	<1.0	<1.0	<1.5
	12/31/2022	<1.0	<1.0	<1.0	<1.5
	3/30/2023	<1.0	<1.0	<1.0	<1.5
	6/21/2023	<2.0	<2.0	<2.0	<3.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5
	12/12/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/21/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW12	10/24/2019	**26**	12	2.6	22
	3/12/2020	2.0	<1.0	<1.0	<1.5
	6/23/2020	<1.0	<1.0	<1.0	1.9
	9/9/2020	2.32	<1.0	<1.0	4.14
	12/1/2020	1.77	<1.0	<1.0	4.52
	2/22/2021	1.20	<1.0	<1.0	4.42
	6/28/2021	<2.0	<2.0	<2.0	<3.0
	9/28/2021	<1.0	<1.0	<1.0	<1.5
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/15/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	<1.0	<1.0	<1.0	<1.5
	12/31/2022	<1.0	<1.0	<1.0	<1.5
	3/30/2023	<1.0	<1.0	<1.0	<1.5
	6/21/2023	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW12	8/17/2023	<1.0	<1.0	<1.0	<1.5
	12/12/2023	<1.0	<1.0	<1.0	<1.5
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<2.0 F1	<2.0 F1	<2.0	<3.0
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/21/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5
MW13	10/24/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/1/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	Insufficient Water Volumes to Collect Sample			
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/28/2021	<1.0	<1.0	<1.0	<1.5
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/15/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	<1.0	<1.0	<1.0	<1.5
	12/31/2022	<1.0	<1.0	<1.0	<1.5
	3/30/2023	<1.0	<1.0	<1.0	<1.5
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/17/2023	<1.0	<1.0	<1.0	<1.5
	12/13/2023	<1.0	<1.0	<1.0	<1.5
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/26/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/21/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW13	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW14	10/24/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/23/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	11/30/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	Insufficient Water Volumes to Collect Sample			
	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/28/2021	Insufficient Water Volumes to Collect Sample			
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/17/2022	<1.0	<1.0	<1.0	<1.5
	6/28/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	Insufficient Water Volumes to Collect Sample			
	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/17/2023	Insufficient Water Volumes to Collect Sample			
	12/13/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW15	10/24/2019	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/23/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/2/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	<1.0	<1.0	<1.0	<3.0

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW15	6/24/2021	<1.0	<1.0	<1.0	<1.5
	9/27/2021	<1.0	<1.0	<1.0	<1.5
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/16/2022	<1.0	<1.0	<1.0	<1.5
	6/28/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	<1.0	<1.0	<1.0	<1.5
	12/31/2022	<2.0	<2.0	<2.0	<3.0
	3/30/2023	<1.0	<1.0	<1.0	<1.5
	6/21/2023	<1.0	<1.0	<1.0	<1.5
	8/16/2023	<1.0	<1.0	<1.0	<1.5
	12/12/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/21/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW17	2/11/2020	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/1/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	<1.0	<1.0	<1.0	<3.0
	6/24/2021	Insufficient Water Volumes to Collect Sample			
	9/27/2021	Insufficient Water Volumes to Collect Sample			
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/14/2022	<1.0	<1.0	<1.0	<1.5
	6/28/2022	Insufficient Water Volumes to Collect Sample			
	9/23/2022	Insufficient Water Volumes to Collect Sample			

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		5	1,000	700	620
MW17	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/17/2023	Insufficient Water Volumes to Collect Sample			
	12/12/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW18	2/11/2020	<1.0	<1.0	<1.0	<1.5
	3/12/2020	<1.0	<1.0	<1.0	<1.5
	6/22/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/1/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	<1.0	<1.0	<1.0	<3.0
	6/28/2021	<2.0	<2.0	<2.0	--
	9/27/2021	<1.0	<1.0	<1.0	<1.5
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/14/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	<1.0	<1.0	<1.0	<1.5
	9/23/2022	<1.0	<1.0	<1.0	<1.5
	12/31/2022	<1.0	<1.0	<1.0	<1.5
	3/30/2023	<1.0	<1.0	<1.0	<1.5
	6/21/2023	<2.0	<2.0	<2.0	<3.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5
	12/12/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW18	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/21/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW20	2/11/2020	<1.0	<1.0	<1.0	<1.5
	3/13/2020	<1.0	<1.0	<1.0	<1.5
	6/23/2020	<1.0	<1.0	<1.0	<1.5
	9/9/2020	<1.0	<1.0	<1.0	<3.0
	12/2/2020	<1.0	<1.0	<1.0	<3.0
	2/22/2021	<1.0	<1.0	<1.0	<3.0
	6/24/2021	Insufficient Water Volumes to Collect Sample			
	9/27/2021	Insufficient Water Volumes to Collect Sample			
	12/7/2021	Insufficient Water Volumes to Collect Sample			
	3/16/2022	<1.0	<1.0	<1.0	<1.5
	6/27/2022	Insufficient Water Volumes to Collect Sample			
	9/23/2022	Insufficient Water Volumes to Collect Sample			
	12/31/2022	Insufficient Water Volumes to Collect Sample			
	3/30/2023	Insufficient Water Volumes to Collect Sample			
	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/17/2023	Insufficient Water Volumes to Collect Sample			
	12/12/2023	Insufficient Water Volumes to Collect Sample			
	3/11/2024	Insufficient Water Volumes to Collect Sample			
	6/25/2024	Insufficient Water Volumes to Collect Sample			
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW21 (2)	2/6/2020	<5.0	<5.0	<5.0	<7.5
MW22 (2)	2/7/2020	<1.0	<1.0	<1.0	<1.5
MW23 (2)	2/7/2020	<5.0	<5.0	<5.0	<7.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW24 (2)	2/15/2020	<1.0	<1.0	<1.0	<1.5
MW27	6/21/2023	Insufficient Water Volumes to Collect Sample			
	8/17/2023	Insufficient Water Volumes to Collect Sample			
	12/12/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<2.0	<2.0	<2.0	<3.0
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/21/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW28	6/22/2023	<2.0	<2.0	<2.0	<3.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5
	12/12/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/23/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW29	6/22/2023	<2.0	<2.0	<2.0	<3.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5
	12/12/2023	<0.500	<0.500	<0.500	<0.500
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/25/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW29	6/23/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW30	6/22/2023	<2.0	<2.0	<2.0	<3.0
	8/16/2023	<1.0	<1.0	<1.0	<1.5
	12/13/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/26/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	Insufficient Water Volumes to Collect Sample			
	12/12/2024	Insufficient Water Volumes to Collect Sample			
	3/20/2025	Insufficient Water Volumes to Collect Sample			
	6/20/2025	Insufficient Water Volumes to Collect Sample			
MW31	6/22/2023	<2.0	<2.0	<2.0	<3.0
	8/16/2023	<1.0	<1.0	<1.0	<1.5
	12/13/2023	<1.0	<1.0	<1.0	<1.0
	3/11/2024	<1.0	<1.0	<1.0	<1.5
	6/26/2024	<1.0	<1.0	<1.0	<1.5
	9/11/2024	<1.0	<1.0	<1.0	<1.5
	12/12/2024	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/20/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW32	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/20/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW33	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/20/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5

ENSOLUM

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANICS
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standard		**5**	**1,000**	**700**	**620**
MW33	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW34	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/20/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0 P2	<1.0 P2	<1.0 P2	<1.5 P2
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW35	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/20/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5
MW36	3/20/2025	<1.0	<1.0	<1.0	<1.5
	6/20/2025	<1.0	<1.0	<1.0	<1.5
	9/30/2025	<1.0	<1.0	<1.0	<1.5
	12/23/2025	<1.0	<1.0	<1.0	<1.5

Notes:

(1): Volatile organic compounds (VOCs) not detected above laboratory reporting limits were not included in this table. See Laboratory Analyitcal Reports for complete results.

(2): Groundwater samples collected from a temporary well screen placed in the open boring.

µg/L: micrograms per liter

NMWQCC: New Mexico Water Quality Control Commission

ND: not detected above laboratory reporting limit

<: indicates result less than the stated laboratory reporting limit (RL)

*Concentrations in **bold** and shaded exceed the New Mexico Water Quality Control Commission Standards, 20.6.2 of the New Mexico Administrative Code*

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000	6-9
MW03	9/12/2019	13	13,000	1,600	<10	19	<10	--	<50	2,500	390	27	6,600	137.8	<2.000	137.8	45,000	30,000	7.41
	3/12/2020	19	15,000	1,700	<1.0	<10	<10	--	<5.0	2,500	410	25	6,500	--	--	--	--	26,700	7.38
	6/22/2020	16	12,000	1,800	<1.0	<10	<10	--	<5.0	1,900	350	25	5,500	131.1	<2.000	131.1	46,000	22,000	7.48
	9/9/2020	<500	14,900	2,830	<1.50	--	--	0.152	--	--	--	--	--	--	--	--	--	32,600	7.36
	12/1/2020	15.6	11,300	1,770	<1.50	--	--	0.233	--	--	--	--	--	--	--	--	--	25,700	7.31
	2/22/2021	<100	12,200	1,930	<1.50	--	--	0.359	--	--	--	--	--	--	--	--	--	29,200	7.25
	6/24/2021	15	11,000	1,900	<1.0	--	--	<10	<5.0	2,000	310	28	5,900	--	--	--	--	23,600	--
	9/28/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/16/2022	Insufficient Water Volumes to Collect Sample																	
	6/27/2022	Insufficient Water Volumes to Collect Sample																	
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/16/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW05	9/12/2019	15	15,000	2,300	<1.0	20	21	--	<5.0	2,100	750	25	7,800	153.9	<2.000	153.9	54,000	34,000	7.25
	3/12/2020	4.3	3,400	2,600	<1.0	<4.0	<4.0	--	<5.0	760	110	12	2,300	--	--	--	--	8,420	7.57
	6/22/2020	5.8	4,500	2,100	<1.0	<4.0	<4.0	--	<5.0	1,000	150	16	2,500	199.6	<2.000	199.6	19,000	12,000	7.66
	9/9/2020	<100	1,780	3,000	0.761	--	--	1.83	--	--	--	--	--	--	--	--	--	6,720	7.46
	11/30/2020	<100	1,660	2,510	0.751	--	--	0.294	--	--	--	--	--	--	--	--	--	6,600	7.52
	2/22/2021	Insufficient Water Volumes to Collect Sample																	
	6/24/2021	2.5	1,900	2,300	<1.0	--	--	<1.0	<5.0	540	80	10	1300	--	--	--	--	6,420	--
	9/28/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/17/2022	4.9	3,300	4,700	<1.0	--	--	<2.0	<5.0	820	98	13	1,500	271.4	<2.000	271.4	22,000	13,100	7.68
	6/27/2022	Insufficient Water Volumes to Collect Sample																	
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/16/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000	6-9
MW06	9/12/2019	5.5	5,300	2,300	<1.0	<10	1.0	--	<5.0	1,100	170	16	3,500	200.8	<2.000	200.8	22,000	13,600	7.49
	3/12/2020	12	9,600	3,900	<1.0	<10	18	--	<5.0	1,100	450	18	5,400	--	--	--	--	19,800	7.50
	6/22/2020	9.8	7,200	3,800	<1.0	<10	13	--	<5.0	870	350	17	4,800	226.3	<2.000	226.3	31,000	18,200	7.69
	9/9/2020	<100	8,610	4,330	<1.50	--	--	13.4	--	--	--	--	--	--	--	--	--	18,400	7.35
	11/30/2020	13.5	9,100	3,700	<1.50	--	--	15.3	--	--	--	--	--	--	--	--	--	19,600	7.53
	2/22/2021	Insufficient Water Volumes to Collect Sample																	
	6/24/2021	7.3	4,900	4,700	1.2	--	--	9.6	<5.0	730	290	15	4,800	--	--	--	--	15,200	--
	9/28/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/16/2022	5	3,400	4,700	<1.0	--	--	5.0	<5.0	610	230	17	3,500	269.8	<2.000	269.8	23,000	13,300	7.73
	6/28/2022	3.9	2,300	4,000	0.86	--	--	2.3	<2.5	560	220	18	3,300	276.0	<2.000	276.0	20,000	11,800	--
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/16/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW08	10/24/2019	2.4	1,500	3,100	2.8	<0.50	3.0	--	<10	580	200	9.0	1,800	--	--	--	--	7,700	7.76
	3/12/2020	1.4	670	4,400	2.8	<2.0	<2.0	--	<5.0	470	180	6.1	1,700	--	--	--	--	6,950	7.63
	6/23/2020	1.4	550	4,700	2.6	<1.0	<1.0	--	<5.0	450	190	6.2	1,800	232.2	<2.000	232.2	9,100	8,050	7.60
	9/9/2020	Insufficient Water Volumes to Collect Sample																	
	11/30/2020	Insufficient Water Volumes to Collect Sample																	
	2/22/2021	Insufficient Water Volumes to Collect Sample																	
	6/24/2021	Insufficient Water Volumes to Collect Sample																	
	9/28/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/16/2022	Insufficient Water Volumes to Collect Sample																	
	6/28/2022	Insufficient Water Volumes to Collect Sample																	
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/16/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000	6-9
MW09	10/24/2019	3.9	3,300	1,900	<0.50	<2.0	3.1	--	<2.5	1,100	190	14	1,600	--	--	--	--	8,410	7.35
	3/13/2020	4.5	3,400	2,200	<1.0	<2.0	3.5	--	<5.0	1,000	180	11	1,700	--	--	--	--	8,980	7.24
	6/23/2020	4.3	3,200	2,300	<1.0	<1.0	3.0	--	<5.0	870	170	11	1,900	236.1	<2.000	236.1	15,000	10,400	7.58
	9/9/2020	<100	1,720	2,870	<1.50	--	--	2.34	--	--	--	--	--	--	--	--	--	6,400	7.18
	12/2/2020	<10.0	1,410	2,380	<1.50	--	--	2.38	--	--	--	--	--	--	--	--	--	6,100	7.21
	2/22/2021	<100	1,240	2,580	<1.50	--	--	2.14	--	--	--	--	--	--	--	--	--	4,980	7.27
	6/24/2021	1.5	740	2,500	<1.0	--	--	<1.0	<5.0	530	94	12	860	--	--	--	--	5,100	--
	9/27/2021	2	1,200	2,600	<1.0	<1.0	1.1	--	<5.0	690	120	14	1,000	236.8	<2.000	236.8	7,300	5,560	7.19
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/16/2022	2.5	1,700	2,300	<1.0	--	--	<1.0	<5.0	710	130	15	1,200	229.8	<2.000	229.8	8,900	6,560	7.31
	6/28/2022	1.8	970	2,200	1.0	--	--	<1.0	<2.5	990	190	52	1,100	242.5	<2.000	242.5	7,200	5,370	--
	9/23/2022	4.5	3,500	2,200	0.62	--	--	<2.0	<2.5	1200	220	21	1,900	263.2	<2.000	263.2	15,000	8,750	7.36
	12/31/2022	2.0	1,300	2,400	<1.0	--	--	<1.0	<5.0	620	110	12	1,200	--	--	--	--	6,110	7.38
	3/30/2023	<0.50	540	2,100	<0.50	<0.50	<0.50	<0.50	<2.5	510	83	8.1	890	244.3	<2.000	244.3	6,000	4,620	7.22
	6/21/2023	1.6	720	2,800	<1.0	<1.0	<1.0	<1.0	<5.0	660	110	8.7	1,000	305.0	<2.000	305.0	7,200	5,660	7.42
	8/16/2023	2.3	1,100	3,600	0.94	<0.50	<0.50	--	<10	740	160	6.4	1,600	462.7	<2.000	462.7	9,600	6,600	7.72
	12/13/2023	1.4	780	2,600	0.69	<0.50	<0.50	--	<2.5	620	130	12	980	313.3	<2.000	313.3	7,000	5,920	7.56
	3/11/2024	2.1	1,200	2,200	<1.0	<1.0	<1.0	<1.0	<5.0	600	120	8.9	910	--	--	260.0	7,200	6,900	--
	6/26/2024	1.8	940	2,700	0.98	<2.0	<0.50	<2.0	<2.5	690	150	9	1,300	--	--	350.0	8,000	6,900	8.0 HF
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW10	10/24/2019	3.4	2,700	2,200	<0.50	<2.0	3.5	--	<10	600	82	9.1	2,300	--	--	--	--	8,040	7.24
	3/12/2020	2.9	2,200	2,200	<1.0	<2.0	2.2	--	<5.0	640	85	8.7	1,600	--	--	--	--	6,660	7.36
	6/22/2020	3.1	2,100	2,000	<1.0	<2.0	<2.0	--	<5.0	710	94	8.8	1,500	218.7	<2.000	218.7	9,900	7,200	7.65
	9/9/2020	<100	1,540	2,640	<1.50	--	--	1.78	--	--	--	--	--	--	--	--	--	5,370	7.45
	11/30/2020	<10.0	1,210	2,160	<1.50	--	--	1.67	--	--	--	--	--	--	--	--	--	5,950	7.42
	2/22/2021	Insufficient Water Volumes to Collect Sample																	
	6/24/2021	1.8	1,200	2,200	<1.0	--	--	<1.0	<5.0	510	77	9.5	1,200	--	--	--	--	5,690	--
	9/27/2021	5.3	3,600	1,900	<1.0	--	--	<4.0	<5.0	1,300	180	26	1,800	185.4	<2.000	185.4	16,000	9,510	7.34
	12/7/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/2022	3.9	2,900	2,000	<1.0	--	--	<2.0	<5.0	1,100	120	18	1,700	198.5	<2.000	198.5	14,000	7,340	7.70
	6/27/2022	5.2	3,500	1,600	<0.50	--	--	<4.0	<2.5	1,500	200	39	2,000	170.8	<2.000	<170.8	18,000	10,100	--
	9/23/2022	4.5	3,300	1,600	0.71	--	--	<4.0	<2.5	920	120	18	1,800	180.7	<2.000	180.7	15,000	9,200	7.51
	12/31/2022	3.8	3,100	2,100	<1.0	--	--	<2.0	<5.0	910	120	16	1,800	--	--	--	--	7,670	7.66
	3/30/2023	2.5	2,700	1,800	<0.50	<2.0	<2.0	<2.0	<2.5	860	98	9.2	1,800	173.2	<2.000	173.2	13,000	8,260	7.62
	6/21/2023	<10	2,700	1,900	<10	<10	<10	<10	<50	880	98	11	1,800	194.2	<2.000	194.2	15,000	7,980	7.51
	8/17/2023	3.3	2,600	2,000	<0.50	<2.0	0.52	--	<10	830	87	10	1,700	207.9	<2.000	207.9	13,000	85,500*	7.73
	12/12/2023	3.6	3,100	2,100	<0.50	<0.50	<0.50	--	<2.5	1,000	120	16	1,700	178.8	<2.000	178.8	15,000	8,480	7.88
	3/11/2024	3.6	3,100	2,000	<1.0	<1.0	<1.0	<1.0	<5.0	790	90	9.7	1,600	--	--	190	14,000	9,600	--
	6/25/2024	Not Sampled																	
	9/11/2024	2.8	2,500 H	2,100	<1.0	--	--	<2.0	--	730	85	13	1,700	--	--	200	13,000	8,300	--
	12/12/2024	3.5	2,800	2,100	2.1	--	--	<1.0	<5.0	1,200	160	16	3,100	--	--	180	15,000	7,700	7.5 HF
	3/21/2025	<10	3,200	2,200	<10	<10 H	<10 H	<10	<50 H	820	100	13	1,800	--	--	170	16,000	8,200	7.5 HF
	6/23/2025	3.3	2,900	2,100	<1.0	<10 H	1.3 H	1.3 H	<5.0 H	800	92	10	1,800	--	--	170	--	7,400	7.6 HF
	9/30/2025	3.6	3,200	1,900	<1.0	<10 H H3	<1.0 H H3	<10 H H3	<5.0 H H3	820	92	<10	1,700	--	--	160	14,000	7,700	7.6 HF
	12/23/2025	3.9	3,300	1,900	1.2	<10	<1.0	<10	<5.0	900	94	12	1,600	--	--	150	--	8,800	7.9 HF

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000	6-9
MW12	10/24/2019	35	27,000	2,400	<0.50	<20	<20	--	<2.5	2,800	400	75	18,000	--	--	--	--	57,000	7.34
	3/12/2020	33	28,000	2,400	<1.0	<20	<20	--	<5.0	2,400	370	67	13,000	--	--	--	--	42,900	7.20
	6/23/2020	32	25,000	2,400	<1.0	<10	2.5	--	<5.0	2,300	370	73	15,000	256.2	<2.000	256.2	91,000	52,000	7.45
	9/9/2020	<500	21,900	3,230	<1.5	--	--	2.24	--	--	--	--	--	--	--	--	--	41,600	7.07
	12/1/2020	22.4	18,600	<2500	<1.50	--	--	3.45	--	--	--	--	--	--	--	--	--	31,100	7.17
	2/22/2021	<100	14,400	2,860	<1.50	--	--	3.90	--	--	--	--	--	--	--	--	--	27,100	7.38
	6/28/2021	5.2	3,400	1,800	<1.0	--	--	<4.0	<5.0	1,100	150	12	1,800	--	--	--	--	10,500	--
	9/28/2021	11	8,300	2,900	<1.0	<1.0	4.9	4.90	<5.0	910	140	36	4,800	256.8	<2.000	256.6	36,000	18,900	7.39
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/15/2022	8.7	6,500	2,700	<1.0	--	--	6.90	<5.0	730	110	34	4,600	248.4	<2.000	248.6	30,000	15,200	7.48
	6/27/2022	7.7	5,900	2,400	<0.50	--	--	7.40	<2.5	670	110	27	4,100	245.6	<2.000	245.6	26,000	13,900	--
	9/23/2022	4.3	3,700	2,600	0.64	--	--	5.20	<2.5	490	73	20	3,200	226.6	<2.000	226.6	16,000	8,900	7.45
	12/31/2022	3.2	2,700	2,800	<1.0	--	--	5.50	<5.0	380	63	20	2,300	--	--	--	--	7,940	7.73
	3/30/2023	2.4	2,500	2,400	<0.50	<2.0	4.6	4.6	<2.5	360	55	15	2,600	254.6	<2.000	254.6	14,000	8,540	7.69
	6/21/2023	3.3	2,300	1,900	<2.0	<2.0	<2.0	<2.0	<10	260	42	14	2,000	252.0	<2.000	252.0	13,000	6,690	7.58
	8/17/2023	1.3	910	760	0.60	<0.50	<0.50	--	<2.5	120	23	17	780	171.5	<2.000	171.5	4,500	28,500*	7.65
	12/12/2023	1.9	1,500	3,300	0.65	<0.50	4.1	--	<2.5	330	68	19	2,000	263.8	<2.000	263.8	13,000	6,250	7.93
	3/11/2024	7.5	6,100	2,800	<1.0	<10	2.1 H	2.1	<5.0	860	150	24	3,300	--	--	220.0	25,000	14,000	--
	6/25/2024	9.3	7,700	1,100	<0.50	<2.0	1.1 H	1.1	<2.5	1800	280	52	3,300	--	--	160.0	27,000	19,000	7.7 HF
	9/11/2024	3.0	2,000 H	840	<1.0	--	--	<2.0	--	440	77	25	1,200	--	--	4,800	8,100	4,800	--
	12/12/2024	2.2	1,700	1,400	<1.0	--	--	<1.0	<5.0	470	79	25	1,100	--	--	180	7,300	4,000	7.4 HF
	3/21/2025	1.5	1,100	3,500	<1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	500	83	24	1,600	--	--	250	8,900	6,800	7.7 HF
	6/23/2025	<1.0	500	1,300	<1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	240	36	15	740	--	--	230	--	2,900	7.6 HF
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW13	10/24/2019	13000 E	19,000	1,600	4.4	<20	<20	--	<2.5	3,400	440	37	11,000	--	--	--	--	40,400	7.17
	3/12/2020	19	16,000	2,200	<1.0	<10	<10	--	<5.0	2,500	320	26	7,500	--	--	--	--	30,000	7.06
	6/22/2020	17	14,000	1,800	<1.0	<10	<10	--	<5.0	2,400	340	26	6,100	182.5	<2.000	182.5	47,000	29,200	7.36
	9/9/2020	<100	7,380	3,160	<1.50	--	--	4.76	--	--	--	--	--	--	--	--	--	15,900	7.25
	12/1/2020	12.3	8,030	2,420	<1.50	--	--	1.18	--	--	--	--	--	--	--	--	--	21,000	7.32
	2/22/2021	Insufficient Water Volumes to Collect Sample																	
	6/24/2021	9.8	6,900	1,900	<1.0	--	--	<10	<5.0	1,700	250	20	3,400	--	--	--	--	16,900	--
	9/28/2021	11	8,600	2,000	<1.0	<10	<1.0	--	<5.0	2,000	280	32	4,000	198.9	<2.000	198.9	33,000	17,200	7.29
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/15/2022	5.3	3,800	2,500	<1.0	--	--	<4.0	<5.0	780	100	16	2,800	249.3	<2.000	249.3	20,000	11,300	7.55
	6/27/2022	5.5	3,500	2,000	0.54	--	--	<2.0	<2.5	630	75	<10	2,600	231.1	<2.000	231.1	20,000	11,000	--
	9/23/2022	3.6	2,800	2,500	0.7	--	--	<2.0	<2.5	710	86	12	2,800	271.9	<2.000	271.9	16,000	8,950	7.55
	12/31/2022	3.8	3,300	2,600	<1.0	--	--	<2.0	<5.0	760	93	12	2,400	--	--	--	--	9,270	7.71
	3/30/2023	2.7	3,000	2,400	<0.50	<2.0	1.8	1.8	<2.5	780	96	11	2,600	240.6	<2.000	240.6	16,000	10,200	7.65
	6/21/2023	Not Sampled																	
	8/17/2023	3.7	3,000	2,600	<0.50	<2.0	2.1	--	<10	730	87	12	2,400	258.2	<2.000	258.2	16,000	8,950	7.72
	12/13/2023	4.0	3,500	2,500	<0.50	<0.50	1.3	--	<2.5	810	120	13	2,300	218.9	<2.000	218.9	17,000	9,140	7.74
	3/11/2024	10.0	8,300	1,700	<1.0	<10	3.0 H	3.0	<5.0	1,400	180	16	3,300	--	--	160	310,000	18,000	--
	6/26/2024	8.3	7,100	2,100	<2.0	<2.0	2.6	2.6	<2.5	1,600	190	17	3,500	--	--	160	27,000	18,000	7.8 HF
	9/11/2024	6.6	5,500 H	1,900	<1.0	--	--	2.5	--	1,300	180	33	3,200	--	--	180	23,000	14,000 E	--
	12/12/2024	<10	5,200	2,000	<10	--	--	<10	<50	850	96	10	1,800	--	--	170	25,000	13,000 E	7.4 HF
	3/21/2025	<10	5,900	2,100	<10	<10 H	<10 H	<10	<50 H	1,200	160	18	3,000	--	--	160	26,000	13,000 E	7.4 HF
	6/23/2025	<10	5,700	2,000	<10	<10 H	<10 H	<10 H	<50 H	1,100	150	14	2,900	--	--	160	--	13,000	7.6 HF
	9/30/2025	<10	4,900	1,900	<10	<10 H H3	<10 H H3	<10 H H3	<50 H H3	1,000	130	11	2,800	--	--	170	21,000	12,000	7.5 HF
	12/23/2025	<10	5,100	2,100	<10	<10	<10	<10	<50	870	110	13	2,200	--	--	150	--	12,000	7.9 HF

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	**250**	**600**	**1.6**	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**1,000**	**6-9**
MW14	10/24/2019	3.9	**2,900**	**1,900**	<0.50	<2.0	5.8	--	<2.5	960	160	12	1,900	--	--	--	--	**8,860**	7.29
	3/12/2020	3.9	**3,000**	**2,200**	<1.0	<2.0	4.5	--	<5.0	930	140	9.2	1,600	--	--	--	--	**7,600**	7.29
	6/23/2020	4.5	**3,400**	**2,000**	<1.0	<1.0	5.1	--	<5.0	940	150	10	1,800	223.0	<2.000	223.00	15,000	**8,450**	7.56
	9/9/2020	<100	**3,640**	**2,430**	<1.50	--	--	6.66	--	--	--	--	--	--	--	--	--	**9,050**	7.21
	11/30/2020	<10.0	**2,700**	**2,180**	<1.50	--	--	4.25	--	--	--	--	--	--	--	--	--	**7,860**	7.36
	2/22/2021	Insufficient Water Volumes to Collect Sample																	
	6/24/2021	4.0	**2,900**	**2,400**	<1.0	--	--	<1.0	<5.0	910	130	14	2,200	--	--	--	--	**7,810**	--
	9/28/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/17/2022	2.8	**1,900**	**2,800**	<1.0	--	--	<2.0	<5.0	760	95	12	1,900	225.6	<2.000	225.6	13,000	**7,580**	7.83
	6/28/2022	3.1	**2,200**	**2,300**	0.78	--	--	<2.0	<2.5	810	99	12	2,000	216.5	<2.000	216.5	14,000	**8,060**	--
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/17/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW15	10/24/2019	2.7	**1,600**	**1,700**	<0.50	<0.50	2.1	--	<2.5	720	130	9.5	1,400	--	--	--	--	**6,370**	7.45
	3/12/2020	1.3	**730**	**2,200**	<1.0	<2.0	<2.0	--	<5.0	590	91	6.7	720	--	--	--	--	**4,300**	7.27
	6/23/2020	1.3	**560**	**2,000**	<1.0	<1.0	1.7	--	<5.0	520	89	6.7	670	232.8	<2.000	232.8	5,400	**4,500**	7.70
	9/9/2020	<100	**650**	**2,750**	0.810	--	--	1.72	--	--	--	--	--	--	--	--	--	**3,790**	7.14
	12/2/2020	<100	**758**	**2,060**	0.822	--	--	2.24	--	--	--	--	--	--	--	--	--	**4,670**	7.29
	2/22/2021	<100	**630**	**2,390**	<1.50	--	--	2.03	--	--	--	--	--	--	--	--	--	**4,170**	7.21
	6/24/2021	1.2	**490**	**2,200**	<1.0	--	--	1.1	<5.0	520	88	10.0	690	--	--	--	--	**3,850**	--
	9/27/2021	1.3	**430**	**2,500**	<1.0	--	--	1.8	<5.0	530	85	13.0	560	219.4	<2.000	219.4	4,900	**3,990**	7.29
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/16/2022	1.1	**360**	**2,000**	<1.0	--	--	1.2	<5.0	550	80	11.0	550	216.8	<2.000	216.8	5,000	**4,180**	7.63
	6/28/2022	0.98	**430**	**2,200**	1.2	--	--	<1.0	<2.5	570	83	13.0	580	215.0	<2.000	215.0	4,900	**4,030**	--
	9/23/2022	1.0	**480**	**2,100**	1.2	--	--	<1.0	<2.5	600	82	14.0	610	221.8	<2.000	221.8	5,000	**3,820**	7.43
	12/31/2022	<1.0	**500**	**2,100**	<1.0	--	--	<1.0	<5.0	590	80	12.0	630	--	--	--	--	**4,050**	7.49
	3/30/2023	0.84	**540**	**2,100**	<0.50	<0.50	0.69	0.69	<2.5	580	75	7.8	630	212.7	<2.000	212.7	5,200	**3,740**	7.50
	6/21/2023	1.2	**530**	**2,000**	<1.0	<1.0	<1.0	<1.0	<5.0	610	77	8.2	640	220.8	<2.000	220.8	5,400	**4,150**	7.28
	8/16/2023	1.1	**570**	**2,000**	<0.50	<0.50	<0.50	--	<10	600	77	7.7	650	222.4	<2.000	222.4	5,500	**4,440**	7.56
	12/12/2023	1.1	**740**	**2,200**	0.57	<0.50	0.63	--	<2.5	590	80	11	660	213.9	<2.000	213.9	5,600	**4,300**	7.65
	3/11/2024	1.3	**630**	**2,000**	<1.0	<1.0	<1.0	<1.0	<5.0	580	76	8.1	680	--	--	210	5,500	**4,600**	--
	6/25/2024	1.1	**660**	**2,100**	0.66	<2.0	0.80 H	0.8	<2.5	630	77	10	760	--	--	220	5,800	**4,700**	7.8 HF
	9/12/2024	1.2	**720**	**2,200**	<1.0	--	--	<2.0	--	630	80	9.2	760	--	--	230	5,900	**4,600**	--
	12/12/2024	1.3	**640**	**2,100**	1.1	--	--	<1.0	<5.0	630	75	9.1	780	--	--	210	5,600	**4,200**	7.3 HF
	3/21/2025	1.2	**670**	**2,200**	1.1	<1.0 H	<1.0 H	<1.0	<5.0 H	570	79	11	720	--	--	210	5,700	**4,200 E**	7.5 HF
	6/23/2025	1.3	**690**	**2,200**	<1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	600	82	8.5	750	--	--	220	--	**4,700**	7.4 HF
	9/30/2025	1.2	**630**	**2,100**	<1.0	<1.0 H H3	<1.0 H H3	<1.0 H H3	<5.0 H H3	540	73	7.1	730	--	--	220	5,700	**4,500 E**	7.5 HF
	12/23/2025	1.3	**640**	**2,100**	<1.0	<1.0	1.0	1.0	<5.0	510	66	9.0	610	--	--	210	--	**4,300 E**	7.9 HF

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000	6-9
MW17	2/11/2020	2.5	1,900	2,300	<1.0	<1.0	2.7	--	<5.0	590	87	7.6	1,500	--	--	--	9,000	6,860	7.40
	3/12/2020	2.3	1,700	2,500	<1.0	<2.0	2.6	--	<5.0	590	87	6.7	1,400	--	--	--	--	6,570	7.41
	6/22/2020	2.2	1,500	2,400	<1.0	2.1	2.1	--	<5.0	550	82	7.0	1,300	242.0	<2.000	242.0	8,200	5,900	7.59
	9/9/2020	<100	2,650	3,170	0.862	--	--	1.93	--	--	--	--	--	--	--	--	--	7,650	7.41
	12/1/2020	<100	6,320	2,280	0.603	--	--	0.472	--	--	--	--	--	--	--	--	--	10,100	7.36
	2/22/2021	<100	7,210	2,130	<1.50	--	--	0.221	--	--	--	--	--	--	--	--	--	17,900	7.37
	6/24/2021	Insufficient Water Volumes to Collect Sample																	
	9/27/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/14/2022	Insufficient Water Volumes to Collect Sample																	
	6/28/2022	Insufficient Water Volumes to Collect Sample																	
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/17/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW18	2/11/2020	11	8,200	2,300	<1.0	<10	1.6	--	<5.0	1,400	230	25	5,000	--	--	--	32,000	18,600	7.45
	3/12/2020	22	18,000	2,200	<1.0	<20	<20	--	<5.0	2,200	320	33	9,200	--	--	--	--	7,600	7.29
	6/22/2020	16	10,000	2,300	<1.0	<10	<10	--	<5.0	1,600	260	29	6,700	229.6	<2.000	229.6	47,000	21,800	7.33
	9/9/2020	<100	8,400	2,670	<1.50	--	--	2.97	--	--	--	--	--	--	--	--	--	17,600	7.04
	12/1/2020	<10	5,730	2,360	<1.50	--	--	3.28	--	--	--	--	--	--	--	--	--	12,700	7.26
	2/22/2021	<100	5,300	2,640	<1.50	--	--	3.32	--	--	--	--	--	--	--	--	--	12,400	7.25
	6/28/2021	3	1,900	2,200	<1.0	--	--	2.50	<5.0	600	87	7	1,400	--	--	--	--	6,750	--
	9/27/2021	4.3	3,300	2,600	<1.0	<1.0	2.6	--	<5.0	920	150	21	2,000	216.6	<2.000	216.6	15,000	7,890	7.25
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/14/2022	6.2	4,700	2,500	<1.0	--	--	5.0	<5.0	870	130	21	3,200	235.7	<2.000	235.7	23,000	10,500	7.64
	6/27/2022	5.8	3,700	2,200	<0.50	--	--	4.9	<2.5	800	120	18	3,100	235.8	<2.000	235.8	20,000	11,000	--
	9/23/2022	4.3	3,100	2,000	0.88	--	--	3.3	<2.5	870	130	20	2,800	222.6	<2.000	222.6	16,000	8,630	7.34
	12/31/2022	4.2	3,400	2,200	<1.0	--	--	3.4	<5.0	860	130	14	2,000	--	--	--	--	8,760	7.57
	3/30/2023	2.9	2,900	2,100	<0.50	<2.0	3.3	3.3	<2.5	820	120	10	2,000	221.9	<2.000	221.9	15,000	9,060	7.52
	6/21/2023	<10	2,400	2,800	<10	<10	<10	<10	<50	680	88	12	2,400	255.3	<2.000	255.3	16,000	8,050	7.47
	8/17/2023	3.6	2,800	2,600	<0.50	<2.0	4.0	--	<10	630	85	11	2,400	249.7	<2.000	249.7	16,000	8,900	7.67
	12/12/2023	4.5	3,800	2,500	<0.50	<0.50	4.1	--	<2.5	770	140	22	2,700	205.9	<2.000	205.9	19,000	10,300	7.82
	3/11/2024	13	10,000	1,900	<1.0	<10	3.4	3.4	<5.0	1,900	300	22	4,100	--	--	180	35,000	20,000	--
	6/25/2024	11	9,000	1,900	<2.0	<2.0	5.2 H	5.2	<2.5	2,000	290	27	4,600	--	--	190	33,000	24,000 E	7.6 HF
	9/11/2024	7.4	6,900	2,100	<1.0	--	--	4.2	--	1,300	210	37	3,300	--	--	200	25,000	15,000	--
	12/12/2024	<10	5,100	2,400	<10	--	--	<10	<50	800	120	13	2,000	--	--	210	26,000	14,000	7.3 HF
	3/21/2025	<10	5,000	2,600	<10	<10 H	<10 H	<10	<50 H	1,000	190	26	2,900	--	--	220	23,000	11,000	7.4 HF
	6/23/2025	3.4	3,000	2,900	<1.0	<10 H	3.4 H	3.4 H	<5.0 H	700	120	13	2,300	--	--	240	--	9,200	7.5 HF
	9/30/2025	2.7	2,400	3,400	<1.0	<10 H H3	1.4 H H3	1.4 H H3	<5.0 H H3	590	94	9.7	2,200	--	--	250	14,000	8,500	7.6 HF
	12/23/2025	2.7	2,100	3,500	1.1	<10	1.3	1.3	<5.0	590	90	13	2,000	--	--	270	--	8,100	7.9 HF

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	**250**	**600**	**1.6**	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**1,000**	**6-9**
MW20	2/11/2020	12	**8,300**	**2,500**	<1.0	<10	1.9	--	<5.0	970	190	23	5,800	--	--	--	32,000	**19,300**	7.26
	3/13/2020	9.2	**7,300**	**2,500**	<1.0	<10	<10	--	<5.0	880	180	17	4,600	--	--	--	--	**13,800**	7.30
	6/23/2020	4.9	**3,400**	**2,300**	<1.0	<10	2.0	--	<5.0	550	120	12	2,600	248.1	<2.000	248.1	16,000	**10,200**	7.69
	9/9/2020	<100	**3,120**	**2,860**	<1.50	--	--	1.61	--	--	--	--	--	--	--	--	--	**8,650**	7.30
	12/2/2020	<10.0	**3,100**	**2,420**	<1.50	--	--	1.76	--	--	--	--	--	--	--	--	--	**8,480**	7.35
	2/22/2021	<100	**2,730**	**2,530**	<1.50	--	--	1.67	--	--	--	--	--	--	--	--	--	**8,020**	7.24
	6/24/2021	2.8	**1,700**	**2,300**	<1.0	--	--	<1.0	<5.0	500	110	13.0	1600	--	--	--	--	**7,010**	--
	9/27/2021	Insufficient Water Volumes to Collect Sample																	
	12/7/2021	Insufficient Water Volumes to Collect Sample																	
	3/16/2022	1.7	**920**	**2,100**	<1.0	--	--	1.3	<5.0	500	93	14.0	980	228.8	<2.000	228.8	7,000	**5,030**	7.53
	6/27/2022	Insufficient Water Volumes to Collect Sample																	
	9/23/2022	Insufficient Water Volumes to Collect Sample																	
	12/31/2022	Insufficient Water Volumes to Collect Sample																	
	3/30/2023	Insufficient Water Volumes to Collect Sample																	
	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/17/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	Insufficient Water Volumes to Collect Sample																	
	3/11/2024	Insufficient Water Volumes to Collect Sample																	
	6/25/2024	Insufficient Water Volumes to Collect Sample																	
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/20/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/23/2025	Insufficient Water Volumes to Collect Sample																	
MW21 (1)	2/6/2020	1.1	**360**	**2,200**	<1.0	<1.0	<1.0	--	<5.0	540	76	<10.0	650	--	--	--	5,100	**4,150**	7.15
MW22 (1)	2/7/2020	<1.0	**310**	**2,100**	<1.0	<1.0	<1.0	--	<5.0	650	94	23	540	--	--	--	4,900	**4,490**	7.62
MW23 (1)	2/7/2020	<1.0	**410**	**1,900**	<1.0	<1.0	<1.0	--	<5.0	680	110	19	460	--	--	--	5,000	**5,200**	6.85
MW24 (1)	2/15/2020	<1.0	240	**2,100**	<1.0	<1.0	<1.0	--	<5.0	510	66	<10.0	530	--	--	--	4,400	**3,860**	7.24
MW27	6/21/2023	Insufficient Water Volumes to Collect Sample																	
	8/17/2023	Insufficient Water Volumes to Collect Sample																	
	12/12/2023	1.1	**790**	**2,200**	0.53	<0.50	0.50	--	<2.5	620	91	17	690	224.6	<2.000	224.6	5,800	**4,370**	7.78
	3/11/2024	1.4	**830**	**2,100**	<1.0	<1.0	<1.0	<1.0	<5.0	590	75	9.7	710	--	--	220	5,800	**4,500**	--
	6/25/2024	1.3	**780**	**2,100**	0.66	<2.0	0.56 H	0.56	<2.5	740	91	20	800	--	--	220	6,100	**5,100**	7.8 HF
	9/12/2024	1.2	**730**	**2,000**	<1.0	--	--	<2.0	--	630	76	12	750	--	--	220	6,000	**4,000**	--
	12/12/2024	1.4	**710**	**2,100**	1.1	--	--	<1.0	<5.0	1,300	180	18	3,300	--	--	220	5,900	**4,800**	7.4 HF
	3/21/2025	1.3	**740**	**2,300**	1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	680	95	19	770	--	--	220	6,000	**4,400**	7.5 HF
	6/23/2025	1.3	**710**	**2,100**	<1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	590	81	12	750	--	--	210	--	**4,500**	7.5 HF
	9/30/2025	1.2	**720**	**1,900**	<1.0	<1.0 H H3	1.0 H H3	1.0 H H3	<5.0 H H3	500	60	7.2	770	--	--	210	5,800	**4,400 E**	7.6 HF
	12/23/2025	1.3	**710**	**2,100**	<1.0	<1.0	<1.0	<1.0	<5.0	530	65	11	690	--	--	210	--	**4,500 E**	7.9 HF
MW28	6/22/2023	2.9	**2,200**	**2,500**	<1.0	<1.0	1.4	1.4	<5.0	670	95	13	1,800	242.7	<2.000	242.7	13,000	**7,500**	7.43
	8/17/2023	3.0	**2,100**	**2,300**	<0.50	<2.0	1.5	--	<10	620	87	13	1,900	251.5	<2.000	251.5	13,000	**7,850**	7.69
	12/12/2023	2.4	**2,000**	**2,400**	0.65	<0.50	1.4	--	<2.5	590	92	15	1,700	233.9	<2.000	233.9	12,000	**6,510**	7.84
	3/11/2024	2.9	**2,200**	**2,400**	<1.0	<1.0	1.4 H	1.4	<5.0	630	87	11	1,600	--	--	220	9,900	**6,800**	--
	6/25/2024	3.6 F1	**2,900**	**2,400**	0.59 F1	<2.0	2.2 H F1	2.2	<2.5	880	120	18	2,200	--	--	240	16,000	**9,600**	7.8 HF
	9/11/2024	5.1	**4,100**	**2,300**	<1.0	--	--	2.2	--	980	160	25	2,400	--	--	230	18,000	**10,000 E**	--
	12/12/2024	7.5	**5,700**	**2,200**	**2.7**	--	--	2.7	<5.0	570	79	7.8	590	--	--	200	25,000	**13,000 E**	7.3 HF
	3/20/2025	<10	**6,100**	**2,200**	<10	<10 H	<10 H	<10	<50 H	1,200	190	21	3,100	--	--	190	26,000	**13,000 E**	7.4 HF
	6/23/2025	<10	**6,100**	**2,000**	<10	<10 H	<10 H	<10	<50 H	1,300	200	15	3,200	--	--	230	--	**15,000**	7.4 HF
	9/30/2025	<10	**5,000**	**2,000**	<10	<10 H H3	<10 H H3	<10 H H3	<50 H H3	1,000	150	13.0	2,700	--	--	220	21,000	**12,000**	7.5 HF
	12/23/2025	4.9	**4,000**	**2,300**	1.0	2.2	<10	2.2	<5.0	880	130	16	2,100	--	--	210	--	**9,900**	7.8 HF

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000	6-9
MW29	6/22/2023	2.6	1,800	2,200	<1.0	<1.0	<1.0	<1.0	<5.0	490	71	9.5	1,700	251.1	<2.000	251.1	9,300	6,470	7.25
	8/17/2023	2.8	1,900	2,200	0.55	<2.0	<0.50	--	<10	530	69	11	1,800	254.0	<2.000	254	12,000	6,350	7.70
	12/12/2023	2.8	2,400	2,500	0.71	<0.50	<0.50	--	<2.5	590	88	12	1,900	245.6	<2.000	245.6	14,000	7,780	7.76
	3/11/2024	2.9	2,000	2,400	<1.0	<1.0	<1.0	<1.0	<5.0	510	81	10	1,700	--	--	240	9,700	7,000	--
	6/25/2024	2.5	2,000	2,400	0.72	<2.0	<0.50	<2.0	<2.5	650	85	14	1,800	--	--	250	11,000	7,300	7.8 HF
	9/11/2024	2.3	1,900	2,300	<1.0	--	--	<2.0	--	590	84	16	1,500	--	--	240	12,000	7,000	--
	12/12/2024	3.9	2,900	2,500	2.0	--	--	<1.0	<5.0	600	76	8.5	720	--	--	230	16,000	8,600	7.3 HF
	3/20/2025	<10	3,800	2,400	<10	<10 H	<10 H	<10	<50 H	850	130	16	2,300	--	--	210	19,000	9,100	7.4 HF
	6/23/2025	<10	4,000	2,200	<10	<10 H	<10 H	<10	<50 H	970	140	12	2,400	--	--	210	--	9,900	7.4 HF
	9/30/2025	<10	3,800	2,100	<10	<10 H H3	<10 H H3	<10 H H3	<50 H H3	880	130	12.0	2,100	--	--	220	17,000	9,900	7.5 HF
	12/23/2025	<10	5,100	2,100	<10	<10 H	<10 H	<10	<50 H	1,100	150	<25 F1	2,500	--	--	210	--	11,000	7.8 HF
MW30	6/22/2023	1.1	480	2,000	<1.0	<1.0	<1.0	<1.0	<5.0	540	74	9.3	700	286.1	<2.000	286.1	5,400	4,610	7.61
	8/16/2023	1.0	360	2,100	<0.50	<0.50	<0.50	--	<10	600	84	10	720	277.5	<2.000	277.5	5,200	42,500*	7.81
	12/13/2023	0.93	400	2,400	0.66	<0.50	<0.50	--	<2.5	540	78	9.4	690	254.7	<2.000	254.7	5,100	3,770	7.83
	3/11/2024	1.10	380	2,100	<1.0	<1.0	<1.0	<1.0	<5.0	530	80	8.4	620	--	--	230	5,100	3,600	--
	6/26/2024	0.95	380	2,000	0.74	<0.50	<0.50	<0.50	<2.5	700	86	15	710	--	--	250	5,100 B	4,400	7.5 HF
	9/11/2024	Insufficient Water Volumes to Collect Sample																	
	12/12/2024	Insufficient Water Volumes to Collect Sample																	
	3/20/2025	Insufficient Water Volumes to Collect Sample																	
	6/23/2025	Insufficient Water Volumes to Collect Sample																	
	9/30/2025	Insufficient Water Volumes to Collect Sample																	
	12/22/2025	Insufficient Water Volumes to Collect Sample																	
MW31	6/22/2023	<1.0	320	2,000	<1.0	<1.0	<1.0	<1.0	<5.0	530	74	7.9	600	216.3	<2.000	216.3	4,900	4,110	7.42
	8/16/2023	0.99	370	2,100	0.69	<0.50	0.91	--	<10	570	82	8.5	670	217.6	<2.000	217.6	5,000	39,500*	7.79
	12/13/2023	0.89	390	2,300	0.59	<0.50	0.51	--	<2.5	570	85	15	580	205.5	<2.000	205.5	4,900	3,790	7.81
	3/11/2024	1.10	360	2,100	<1.0	<1.0	<1.0	<1.0	<5.0	510	71	6.8	540	--	--	220	4,700	3,100	--
	6/26/2024	0.94	360	1,900	0.60	<0.50	<0.50	<0.50	<2.5	610	80	9.9	640	--	--	220	5,000 B	4,700	7.5 HF
	9/12/2024	<1.0	390	2,000	<1.0	--	--	<2.0	--	570	82	9.4	580	--	--	230	4,900	4,000	--
	12/12/2024	1.10	440	2,100	1.1	--	--	<1.0	<5.0	1,100	180	17	3,300	--	--	220	5,000	3,800	7.5 HF
	3/20/2025	1.1	510	2,200	<1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	560	82	8.5	610	--	--	220	5,100	3,900	7.6 HF
	6/20/2025	1.0	510	2,000	<1.0	<1.0 H H3	<1.0 H H3	<1.0	<5.0 H H3	590	83	7.4	620	--	--	220	--	4,100 E	7.4 HF
	9/30/2025	1.1	510	1,900	<1.0	<1.0 H H3	<1.0 H H3	<1.0 H H3	<5.0 H H3	520	75	7.1	600	--	--	220	5,100	3,900	7.6 HF
	12/23/2025	1.2	530	2,100	<10	<1.0 H	<1.0 H	<1.0	<5.0 H	560	72	8.2	580	--	--	220	--	3,900	7.9 HF
MW32	3/20/2025	1.9	2,000	3,500	1.8	<1.0 H	3.1 H	3.1	<5.0 H	570	110	11	1,900	--	--	240	15,000	8,000	7.7 HF
	6/20/2025	1.4	1,400	3,300	1.1	<1.0 H H3	2.1 H H3	2.1 H H3	<5.0 H H3	520	99	7.7	1,900	--	--	240	--	14,000	7.6 HF
	9/30/2025	1.8	1,700	3,300	1.2	<1.0 H H3	<1.0 H H3	<1.0 H H3	<5.0 H H3	500	100	6.3	1,700	--	--	230	9,700	6,900	7.7 HF
	12/23/2025	1.6	1,300	3,100	1.3	<1.0 H	<1.0 H	<1.0	<5.0 H	490	94	12.0	1500^2	--	--	240	--	6,400	8.0 HF
MW33	3/20/2025	1.7	1,000	2,400	1.1	<1.0 H	<1.0 H	<1.0	<5.0 H	780	120	30	990	--	--	350	6,900	5,300	7.3 HF
	6/20/2025	1.5	790	2,200	<1.0	<1.0 H H3	<1.0 H H3	<1.0	<5.0 H H3	720	110	20	890	--	--	330	--	4,000	7.2 HF
	9/30/2025	1.5	740	2,300	<1.0	<1.0 H H3	<1.0 H H3	<1.0 H H3	<5.0 H H3	550	85	12.0	880	--	--	340	6,400	4,800 E	7.4 HF
	12/23/2025	1.6	760	2,300	1.0	<1.0 H	<1.0 H	<1.0	<5.0 H	510	75	14.0	720	--	--	330	--	4,700 E	7.8 HF
MW34	3/20/2025	<10	2,900	3,100	<10	<10 H	<10 H	<10	<50 H	740	96	23	2,300	--	--	260	17,000	9,100	7.4 HF
	6/20/2025	3.3	2,700	2,900	<1.0	<10 H H3	<1.0 H H3	<10	<5.0 H H3	660	69	9.7	2,200	--	--	230	--	8,100	7.2 HF
	9/30/2025	3.1	2,300	3,100	2.1	<1.0 H H3	<1.0 H H3	<1.0 H H3	<5.0 H H3	610	86	9.9	2,000	--	--	<20	14,000	8,700	5.1 HF
	12/23/2025	3.5	2,600	3,600	3.0	<1.0 H	<1.0 H	<1.0	<5.0 H	660	110	16.0	2,000	--	--	<20	--	8,000	3.2 HF
MW35	3/20/2025	<1.0	69	840	3.6	<1.0 H	<1.0 H	<1.0	<5.0 H	24	5.9	4.7	660	--	--	520	2,900	1,900	8.3 HF
	6/20/2025	<1.0	70	880	3.5	<1.0 H H3	<1.0 H H3	<1.0	<5.0 H H3	20	4.1	2.8	660	--	--	450	--	1,800	8.1 HF
	12/23/2025	<1.0	88	930	3.0	<1.0 H	<1.0 H	<1.0	<5.0 H	37	6.8	3.1	620	--	--	640	--	2,100	8.2 HF

ENSOLUM

TABLE 4
GROUNDWATER ANALYTICAL RESULTS - INORGANICS AND GENERAL CHEMISTRY
Salty Dog Water Gathering System
Hilcorp Energy Company
San Juan County, New Mexico

Well Identification	Sample Date	USEPA Method 300.0: Anions								USEPA Method 200.7: Dissolved Metals				Standard Method 2320B: Alkalinity			General Chemistry		
		Bromide (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Fluoride (mg/L)	Nitrogen, Nitrite as N (mg/L)	Nitrogen, Nitrate as N (mg/L)	Nitrate + Nitrite as N (mg/L)	Phosphorus, Orthophosphate (As P, mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bicarbonate (As CaCO3) (mg/L)	Carbonate (As CaCO3) (mg/L)	Total Alkalinity (mg/L)	Conductivity (µmhos/cm)	Total Dissolved Solids	pH
NMWQCC Standard		NE	**250**	**600**	**1.6**	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**1,000**	**6-9**
MW36	3/20/2025	<1.0	49	**1,200**	**3.0**	<1.0 H	<1.0 H	<1.0	<5.0 H	51	19	6.1	630	--	--	200	3,000	**2,000**	8.2 HF
	6/20/2025	<1.0	48	**1,200**	**3.0**	<1.0 H H3	<1.0 H H3	<1.0	<5.0 H H3	61	8.5	3.3	570	--	--	150	--	**1,900**	8.1 HF
	9/30/2025	<1.0	49	**1,200**	**2.8**	<1.0 H H3	<1.0 H H3	<1.0 H H3	<5.0 H H3	55	5	1.6	600	--	--	150	2,900	**1,900**	8.1 HF
	12/23/2025	<1.0	51	**1,200**	**3.1**	<0.50 H	<0.50 H	<0.50 H	<2.5 H	69	7.0	3.4	640^2	--	--	140	--	**1,800**	8.3 HF

Notes:

(1): Groundwater samples collected from a temporary well screen placed in the open boring.

E: Result exceeded calibration range

H: Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

HF: Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

mg/L: milligrams per liter

µmhos/cm: micromhos per centimeter

NMWQCC: New Mexico Water Quality Control Commission

--: not analyzed

<: indicates result less than the stated laboratory reporting limit (RL)

**: anomalous data*

*Concentrations in **bold** and shaded exceed the New Mexico Water Quality Control Commission Standards, 20.6.2 of the New Mexico Administrative Code*

ENSOLUM

APPENDIX A

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Brandon Sinclair
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 4/3/2025 3:05:28 PM

JOB DESCRIPTION

Salty Dog Pipeline

JOB NUMBER

885-22021-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
4/3/2025 3:05:28 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Laboratory Job ID: 885-22021-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy
Job ID: 885-22021-1
Project/Site: Salty Dog Pipeline

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-22021-1

Job ID: 885-22021-1 Eurofins Albuquerque

Job Narrative
885-22021-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/25/2025 7:10 AM. 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 0.3°C.

Receipt Exceptions
Samples require splitting for Metals analysis. Poured-off volume preserved after split.

MW-10 (885-22021-1), MW-12 (885-22021-2), MW-13 (885-22021-3), MW-15 (885-22021-4), MW-18 (885-22021-5), MW-27 (885-22021-6), MW-28 (885-22021-7), MW-29 (885-22021-8), MW-31 (885-22021-9), MW-32 (885-22021-10), MW-33 (885-22021-11), MW-34 (885-22021-12), MW-35 (885-22021-13) and MW-36 (885-22021-14)

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

HPLC/IC
Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-22021-1), MW-12 (885-22021-2), MW-13 (885-22021-3), MW-18 (885-22021-5), MW-28 (885-22021-7), MW-29 (885-22021-8), MW-31 (885-22021-9), MW-34 (885-22021-12), MW-35 (885-22021-13) and MW-36 (885-22021-14). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: The following samples were received outside of holding time: MW-10 (885-22021-1), MW-12 (885-22021-2), MW-13 (885-22021-3), MW-15 (885-22021-4), MW-18 (885-22021-5), MW-27 (885-22021-6), MW-28 (885-22021-7), MW-29 (885-22021-8), MW-31 (885-22021-9), MW-32 (885-22021-10), MW-33 (885-22021-11), MW-34 (885-22021-12), MW-35 (885-22021-13) and MW-36 (885-22021-14).

Method 300_OF_48H_PREC: The following sample(s) was received by wet chemistry with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-10 (885-22021-1), MW-12 (885-22021-2), MW-13 (885-22021-3), MW-15 (885-22021-4), MW-18 (885-22021-5), MW-27 (885-22021-6), MW-28 (885-22021-7), MW-29 (885-22021-8), MW-31 (885-22021-9), MW-32 (885-22021-10), MW-33 (885-22021-11), MW-34 (885-22021-12), MW-35 (885-22021-13) and MW-36 (885-22021-14).

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-22021-1), MW-12 (885-22021-2), MW-13 (885-22021-3), MW-15 (885-22021-4), MW-18 (885-22021-5), MW-27 (885-22021-6), MW-28 (885-22021-7), MW-29 (885-22021-8), MW-31 (885-22021-9), MW-33 (885-22021-11), MW-34 (885-22021-12), MW-35 (885-22021-13) and MW-36 (885-22021-14). Elevated reporting limits (RLs) are provided.

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

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

General Chemistry
Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: MW-28 (885-22021-7). Reanalysis could not be performed due to, holding time exceedance.

Case Narrative

Client: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-22021-1

Job ID: 885-22021-1 (Continued) Eurofins Albuquerque

Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: MW-13 (885-22021-3) and MW-15 (885-22021-4). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-10
Date Collected: 03/21/25 12:20
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 14:53	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 14:53	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 14:53	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 14:53	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 14:53	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 14:53	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 14:53	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 14:53	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 14:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 14:53	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 14:53	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 14:53	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 14:53	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 14:53	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 14:53	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 14:53	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 14:53	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 14:53	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 14:53	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 14:53	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 14:53	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 14:53	1
2-Butanone	ND		10		ug/L			04/02/25 14:53	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 14:53	1
2-Hexanone	ND		10		ug/L			04/02/25 14:53	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 14:53	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 14:53	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 14:53	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 14:53	1
Acetone	ND		10		ug/L			04/02/25 14:53	1
Benzene	ND		1.0		ug/L			04/02/25 14:53	1
Bromobenzene	ND		1.0		ug/L			04/02/25 14:53	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 14:53	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 14:53	1
Bromoform	ND		1.0		ug/L			04/02/25 14:53	1
Bromomethane	ND		3.0		ug/L			04/02/25 14:53	1
Carbon disulfide	ND		10		ug/L			04/02/25 14:53	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 14:53	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 14:53	1
Chloroethane	ND		2.0		ug/L			04/02/25 14:53	1
Chloroform	ND		1.0		ug/L			04/02/25 14:53	1
Chloromethane	ND		3.0		ug/L			04/02/25 14:53	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 14:53	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 14:53	1
Dibromomethane	ND		1.0		ug/L			04/02/25 14:53	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 14:53	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 14:53	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 14:53	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 14:53	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-10
Date Collected: 03/21/25 12:20
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 14:53	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 14:53	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 14:53	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 14:53	1
Naphthalene	ND		2.0		ug/L			04/02/25 14:53	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 14:53	1
Styrene	ND		1.0		ug/L			04/02/25 14:53	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 14:53	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 14:53	1
Toluene	ND		1.0		ug/L			04/02/25 14:53	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 14:53	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 14:53	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 14:53	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 14:53	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 14:53	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/02/25 14:53*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/25 14:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/02/25 14:53*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*04/02/25 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			03/26/25 13:00	100
Nitrate as N	ND	H H3	10		mg/L			03/26/25 13:00	100
Chloride	**3200**		50		mg/L			03/26/25 13:00	100
Nitrite as N	ND	H H3	10		mg/L			03/26/25 13:00	100
Fluoride	ND		10		mg/L			03/26/25 13:00	100
Orthophosphate as P	ND	H H3	50		mg/L			03/26/25 13:00	100
Sulfate	**2200**		50		mg/L			03/26/25 13:00	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**820**		50		mg/L		03/26/25 08:57	03/28/25 13:36	50
Magnesium	**100**		5.0		mg/L		03/26/25 08:57	03/28/25 10:57	5
Potassium	**13**		1.0		mg/L		03/26/25 08:57	03/28/25 10:55	1
Sodium	**1800**		50		mg/L		03/26/25 08:57	03/28/25 13:36	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8200**		250		mg/L			03/27/25 11:41	1
Total Alkalinity as CaCO3 (SM 2320B)	**170**		20		mg/L			03/26/25 16:56	1
Specific Conductance (SM 2510B)	**16000**		1000		umhos/cm			03/28/25 14:27	100
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			03/26/25 16:56	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-12

Date Collected: 03/21/25 11:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 16:16	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 16:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 16:16	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 16:16	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 16:16	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 16:16	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 16:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 16:16	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 16:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 16:16	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 16:16	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 16:16	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 16:16	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 16:16	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 16:16	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 16:16	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 16:16	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 16:16	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 16:16	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 16:16	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 16:16	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 16:16	1
2-Butanone	ND		10		ug/L			04/02/25 16:16	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 16:16	1
2-Hexanone	ND		10		ug/L			04/02/25 16:16	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 16:16	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 16:16	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 16:16	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 16:16	1
Acetone	ND		10		ug/L			04/02/25 16:16	1
Benzene	ND		1.0		ug/L			04/02/25 16:16	1
Bromobenzene	ND		1.0		ug/L			04/02/25 16:16	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 16:16	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 16:16	1
Bromoform	ND		1.0		ug/L			04/02/25 16:16	1
Bromomethane	ND		3.0		ug/L			04/02/25 16:16	1
Carbon disulfide	ND		10		ug/L			04/02/25 16:16	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 16:16	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 16:16	1
Chloroethane	ND		2.0		ug/L			04/02/25 16:16	1
Chloroform	ND		1.0		ug/L			04/02/25 16:16	1
Chloromethane	ND		3.0		ug/L			04/02/25 16:16	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 16:16	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 16:16	1
Dibromomethane	ND		1.0		ug/L			04/02/25 16:16	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 16:16	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 16:16	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 16:16	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 16:16	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-12

Date Collected: 03/21/25 11:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 16:16	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 16:16	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 16:16	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 16:16	1
Naphthalene	ND		2.0		ug/L			04/02/25 16:16	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 16:16	1
Styrene	ND		1.0		ug/L			04/02/25 16:16	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 16:16	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 16:16	1
Toluene	ND		1.0		ug/L			04/02/25 16:16	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 16:16	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 16:16	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 16:16	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 16:16	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 16:16	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/02/25 16:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 16:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 16:16*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/02/25 16:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.5**		1.0		mg/L			03/26/25 13:41	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 13:41	10
Chloride	**1100**		50		mg/L			03/26/25 13:51	100
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 13:41	10
Fluoride	ND		1.0		mg/L			03/26/25 13:41	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 13:41	10
Sulfate	**3500**		50		mg/L			03/26/25 13:51	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**500**		5.0		mg/L		03/26/25 08:57	03/28/25 11:04	5
Magnesium	**83**		1.0		mg/L		03/26/25 08:57	03/28/25 11:02	1
Potassium	**24**		1.0		mg/L		03/26/25 08:57	03/28/25 11:02	1
Sodium	**1600**		50		mg/L		03/26/25 08:57	03/28/25 13:37	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**6800**		250		mg/L			03/27/25 11:41	1
Total Alkalinity as CaCO3 (SM 2320B)	**250**		20		mg/L			03/26/25 17:07	1
Specific Conductance (SM 2510B)	**8900**		10		umhos/cm			03/28/25 14:30	1
pH (SM 4500 H+ B)	**7.7**	**HF**	0.1		SU			03/26/25 17:07	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-13
Date Collected: 03/21/25 11:45
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 16:44	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 16:44	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 16:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 16:44	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 16:44	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 16:44	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 16:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 16:44	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 16:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 16:44	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 16:44	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 16:44	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 16:44	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 16:44	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 16:44	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 16:44	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 16:44	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 16:44	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 16:44	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 16:44	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 16:44	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 16:44	1
2-Butanone	ND		10		ug/L			04/02/25 16:44	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 16:44	1
2-Hexanone	ND		10		ug/L			04/02/25 16:44	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 16:44	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 16:44	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 16:44	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 16:44	1
Acetone	ND		10		ug/L			04/02/25 16:44	1
Benzene	ND		1.0		ug/L			04/02/25 16:44	1
Bromobenzene	ND		1.0		ug/L			04/02/25 16:44	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 16:44	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 16:44	1
Bromoform	ND		1.0		ug/L			04/02/25 16:44	1
Bromomethane	ND		3.0		ug/L			04/02/25 16:44	1
Carbon disulfide	ND		10		ug/L			04/02/25 16:44	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 16:44	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 16:44	1
Chloroethane	ND		2.0		ug/L			04/02/25 16:44	1
Chloroform	ND		1.0		ug/L			04/02/25 16:44	1
Chloromethane	ND		3.0		ug/L			04/02/25 16:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 16:44	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 16:44	1
Dibromomethane	ND		1.0		ug/L			04/02/25 16:44	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 16:44	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 16:44	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 16:44	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 16:44	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-13
Date Collected: 03/21/25 11:45
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 16:44	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 16:44	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 16:44	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 16:44	1
Naphthalene	ND		2.0		ug/L			04/02/25 16:44	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 16:44	1
Styrene	ND		1.0		ug/L			04/02/25 16:44	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 16:44	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 16:44	1
Toluene	ND		1.0		ug/L			04/02/25 16:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 16:44	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 16:44	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 16:44	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 16:44	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 16:44	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/02/25 16:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 16:44*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/02/25 16:44*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 16:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			03/26/25 14:02	100
Nitrate as N	ND	H H3	10		mg/L			03/26/25 14:02	100
Chloride	**5900**		50		mg/L			03/26/25 14:02	100
Nitrite as N	ND	H H3	10		mg/L			03/26/25 14:02	100
Fluoride	ND		10		mg/L			03/26/25 14:02	100
Orthophosphate as P	ND	H H3	50		mg/L			03/26/25 14:02	100
Sulfate	**2100**		50		mg/L			03/26/25 14:02	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1200**		50		mg/L		03/26/25 08:57	03/28/25 13:39	50
Magnesium	**160**		5.0		mg/L		03/26/25 08:57	03/28/25 11:06	5
Potassium	**18**		1.0		mg/L		03/26/25 08:57	03/28/25 11:05	1
Sodium	**3000**		50		mg/L		03/26/25 08:57	03/28/25 13:39	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**13000**	**E**	100		mg/L			03/27/25 11:41	1
Total Alkalinity as CaCO3 (SM 2320B)	**160**		20		mg/L			03/26/25 17:23	1
Specific Conductance (SM 2510B)	**26000**		1000		umhos/cm			03/28/25 14:36	100
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			03/26/25 17:23	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-15
Date Collected: 03/21/25 14:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 17:11	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 17:11	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 17:11	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 17:11	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 17:11	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 17:11	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 17:11	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 17:11	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 17:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 17:11	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 17:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 17:11	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 17:11	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 17:11	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 17:11	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 17:11	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 17:11	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 17:11	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 17:11	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 17:11	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 17:11	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 17:11	1
2-Butanone	ND		10		ug/L			04/02/25 17:11	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 17:11	1
2-Hexanone	ND		10		ug/L			04/02/25 17:11	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 17:11	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 17:11	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 17:11	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 17:11	1
Acetone	ND		10		ug/L			04/02/25 17:11	1
Benzene	ND		1.0		ug/L			04/02/25 17:11	1
Bromobenzene	ND		1.0		ug/L			04/02/25 17:11	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 17:11	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 17:11	1
Bromoform	ND		1.0		ug/L			04/02/25 17:11	1
Bromomethane	ND		3.0		ug/L			04/02/25 17:11	1
Carbon disulfide	ND		10		ug/L			04/02/25 17:11	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 17:11	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 17:11	1
Chloroethane	ND		2.0		ug/L			04/02/25 17:11	1
Chloroform	ND		1.0		ug/L			04/02/25 17:11	1
Chloromethane	ND		3.0		ug/L			04/02/25 17:11	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 17:11	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 17:11	1
Dibromomethane	ND		1.0		ug/L			04/02/25 17:11	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 17:11	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 17:11	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 17:11	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 17:11	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-15
Date Collected: 03/21/25 14:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 17:11	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 17:11	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 17:11	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 17:11	1
Naphthalene	ND		2.0		ug/L			04/02/25 17:11	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 17:11	1
Styrene	ND		1.0		ug/L			04/02/25 17:11	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 17:11	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 17:11	1
Toluene	ND		1.0		ug/L			04/02/25 17:11	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 17:11	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 17:11	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 17:11	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 17:11	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 17:11	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/02/25 17:11*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/02/25 17:11*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/02/25 17:11*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 17:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.2**		1.0		mg/L			03/26/25 14:22	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 14:22	10
Chloride	**670**		5.0		mg/L			03/26/25 14:22	10
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 14:22	10
Fluoride	**1.1**		1.0		mg/L			03/26/25 14:22	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 14:22	10
Sulfate	**2200**		50		mg/L			03/26/25 14:33	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**570**		50		mg/L		03/26/25 08:57	03/28/25 13:40	50
Magnesium	**79**		1.0		mg/L		03/26/25 08:57	03/28/25 11:07	1
Potassium	**11**		1.0		mg/L		03/26/25 08:57	03/28/25 11:07	1
Sodium	**720**		50		mg/L		03/26/25 08:57	03/28/25 13:40	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4200**	**E**	100		mg/L			03/27/25 11:41	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			03/26/25 17:33	1
Specific Conductance (SM 2510B)	**5700**		10		umhos/cm			03/28/25 14:39	1
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			03/26/25 17:33	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-18
Date Collected: 03/21/25 10:10
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 17:39	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 17:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 17:39	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 17:39	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 17:39	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 17:39	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 17:39	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 17:39	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 17:39	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 17:39	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 17:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 17:39	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 17:39	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 17:39	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 17:39	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 17:39	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 17:39	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 17:39	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 17:39	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 17:39	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 17:39	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 17:39	1
2-Butanone	ND		10		ug/L			04/02/25 17:39	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 17:39	1
2-Hexanone	ND		10		ug/L			04/02/25 17:39	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 17:39	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 17:39	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 17:39	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 17:39	1
Acetone	ND		10		ug/L			04/02/25 17:39	1
Benzene	ND		1.0		ug/L			04/02/25 17:39	1
Bromobenzene	ND		1.0		ug/L			04/02/25 17:39	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 17:39	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 17:39	1
Bromoform	ND		1.0		ug/L			04/02/25 17:39	1
Bromomethane	ND		3.0		ug/L			04/02/25 17:39	1
Carbon disulfide	ND		10		ug/L			04/02/25 17:39	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 17:39	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 17:39	1
Chloroethane	ND		2.0		ug/L			04/02/25 17:39	1
Chloroform	ND		1.0		ug/L			04/02/25 17:39	1
Chloromethane	ND		3.0		ug/L			04/02/25 17:39	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 17:39	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 17:39	1
Dibromomethane	ND		1.0		ug/L			04/02/25 17:39	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 17:39	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 17:39	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 17:39	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 17:39	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-18
Date Collected: 03/21/25 10:10
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 17:39	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 17:39	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 17:39	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 17:39	1
Naphthalene	ND		2.0		ug/L			04/02/25 17:39	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 17:39	1
Styrene	ND		1.0		ug/L			04/02/25 17:39	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 17:39	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 17:39	1
Toluene	ND		1.0		ug/L			04/02/25 17:39	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 17:39	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 17:39	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 17:39	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 17:39	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 17:39	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/02/25 17:39*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 17:39*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 17:39*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 17:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			03/26/25 14:43	100
Nitrate as N	ND	H H3	10		mg/L			03/26/25 14:43	100
Chloride	**5000**		50		mg/L			03/26/25 14:43	100
Nitrite as N	ND	H H3	10		mg/L			03/26/25 14:43	100
Fluoride	ND		10		mg/L			03/26/25 14:43	100
Orthophosphate as P	ND	H H3	50		mg/L			03/26/25 14:43	100
Sulfate	**2600**		50		mg/L			03/26/25 14:43	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1000**		50		mg/L		03/26/25 08:57	03/28/25 13:46	50
Magnesium	**190**		5.0		mg/L		03/26/25 08:57	03/28/25 11:11	5
Potassium	**26**		1.0		mg/L		03/26/25 08:57	03/28/25 11:09	1
Sodium	**2900**		50		mg/L		03/26/25 08:57	03/28/25 13:46	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**11000**		500		mg/L			03/28/25 09:13	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			03/26/25 17:45	1
Specific Conductance (SM 2510B)	**23000**		1000		umhos/cm			03/28/25 14:42	100
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			03/26/25 17:45	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-27
Date Collected: 03/21/25 13:10
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 18:06	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 18:06	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 18:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 18:06	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 18:06	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 18:06	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 18:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 18:06	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 18:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 18:06	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 18:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 18:06	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 18:06	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 18:06	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 18:06	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 18:06	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 18:06	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 18:06	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 18:06	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 18:06	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 18:06	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 18:06	1
2-Butanone	ND		10		ug/L			04/02/25 18:06	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 18:06	1
2-Hexanone	ND		10		ug/L			04/02/25 18:06	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 18:06	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 18:06	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 18:06	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 18:06	1
Acetone	ND		10		ug/L			04/02/25 18:06	1
Benzene	ND		1.0		ug/L			04/02/25 18:06	1
Bromobenzene	ND		1.0		ug/L			04/02/25 18:06	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 18:06	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 18:06	1
Bromoform	ND		1.0		ug/L			04/02/25 18:06	1
Bromomethane	ND		3.0		ug/L			04/02/25 18:06	1
Carbon disulfide	ND		10		ug/L			04/02/25 18:06	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 18:06	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 18:06	1
Chloroethane	ND		2.0		ug/L			04/02/25 18:06	1
Chloroform	ND		1.0		ug/L			04/02/25 18:06	1
Chloromethane	ND		3.0		ug/L			04/02/25 18:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 18:06	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 18:06	1
Dibromomethane	ND		1.0		ug/L			04/02/25 18:06	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 18:06	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 18:06	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 18:06	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 18:06	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-27

Date Collected: 03/21/25 13:10
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 18:06	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 18:06	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 18:06	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 18:06	1
Naphthalene	ND		2.0		ug/L			04/02/25 18:06	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 18:06	1
Styrene	ND		1.0		ug/L			04/02/25 18:06	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 18:06	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 18:06	1
Toluene	ND		1.0		ug/L			04/02/25 18:06	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 18:06	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 18:06	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 18:06	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 18:06	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 18:06	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/02/25 18:06*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 18:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/02/25 18:06*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 18:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.3**		1.0		mg/L			03/26/25 15:04	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 15:04	10
Chloride	**740**		5.0		mg/L			03/26/25 15:04	10
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 15:04	10
Fluoride	**1.0**		1.0		mg/L			03/26/25 15:04	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 15:04	10
Sulfate	**2300**		50		mg/L			03/26/25 15:14	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**680**		50		mg/L		03/26/25 08:57	03/28/25 13:47	50
Magnesium	**95**		1.0		mg/L		03/26/25 08:57	03/28/25 11:12	1
Potassium	**19**		1.0		mg/L		03/26/25 08:57	03/28/25 11:12	1
Sodium	**770**		50		mg/L		03/26/25 08:57	03/28/25 13:47	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4400**		250		mg/L			03/28/25 09:13	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			03/26/25 17:57	1
Specific Conductance (SM 2510B)	**6000**		10		umhos/cm			03/28/25 14:45	1
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			03/26/25 17:57	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-28
Date Collected: 03/20/25 16:40
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 18:34	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 18:34	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 18:34	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 18:34	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 18:34	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 18:34	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 18:34	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 18:34	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 18:34	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 18:34	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 18:34	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 18:34	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 18:34	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 18:34	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 18:34	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 18:34	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 18:34	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 18:34	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 18:34	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 18:34	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 18:34	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 18:34	1
2-Butanone	ND		10		ug/L			04/02/25 18:34	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 18:34	1
2-Hexanone	ND		10		ug/L			04/02/25 18:34	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 18:34	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 18:34	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 18:34	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 18:34	1
Acetone	ND		10		ug/L			04/02/25 18:34	1
Benzene	ND		1.0		ug/L			04/02/25 18:34	1
Bromobenzene	ND		1.0		ug/L			04/02/25 18:34	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 18:34	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 18:34	1
Bromoform	ND		1.0		ug/L			04/02/25 18:34	1
Bromomethane	ND		3.0		ug/L			04/02/25 18:34	1
Carbon disulfide	ND		10		ug/L			04/02/25 18:34	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 18:34	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 18:34	1
Chloroethane	ND		2.0		ug/L			04/02/25 18:34	1
Chloroform	ND		1.0		ug/L			04/02/25 18:34	1
Chloromethane	ND		3.0		ug/L			04/02/25 18:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 18:34	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 18:34	1
Dibromomethane	ND		1.0		ug/L			04/02/25 18:34	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 18:34	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 18:34	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 18:34	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 18:34	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-28

Date Collected: 03/20/25 16:40
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 18:34	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 18:34	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 18:34	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 18:34	1
Naphthalene	ND		2.0		ug/L			04/02/25 18:34	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 18:34	1
Styrene	ND		1.0		ug/L			04/02/25 18:34	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 18:34	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 18:34	1
Toluene	ND		1.0		ug/L			04/02/25 18:34	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 18:34	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 18:34	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 18:34	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 18:34	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 18:34	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/02/25 18:34*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 18:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/02/25 18:34*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 18:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			03/26/25 15:45	100
Nitrate as N	ND	H H3	10		mg/L			03/26/25 15:45	100
Chloride	**6100**		50		mg/L			03/26/25 15:45	100
Nitrite as N	ND	H H3	10		mg/L			03/26/25 15:45	100
Fluoride	ND		10		mg/L			03/26/25 15:45	100
Orthophosphate as P	ND	H H3	50		mg/L			03/26/25 15:45	100
Sulfate	**2200**		50		mg/L			03/26/25 15:45	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1200**		50		mg/L		03/26/25 08:57	03/28/25 13:48	50
Magnesium	**190**		5.0		mg/L		03/26/25 08:57	03/28/25 11:20	5
Potassium	**21**		1.0		mg/L		03/26/25 08:57	03/28/25 11:19	1
Sodium	**3100**		50		mg/L		03/26/25 08:57	03/28/25 13:48	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**13000**	**E**	250		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**190**		20		mg/L			03/26/25 18:09	1
Specific Conductance (SM 2510B)	**26000**		1000		umhos/cm			03/28/25 14:48	100
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			03/26/25 18:09	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-29
Date Collected: 03/20/25 15:30
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 19:01	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 19:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 19:01	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 19:01	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 19:01	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 19:01	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 19:01	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 19:01	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 19:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 19:01	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 19:01	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 19:01	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 19:01	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:01	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 19:01	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 19:01	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 19:01	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:01	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 19:01	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:01	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 19:01	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 19:01	1
2-Butanone	ND		10		ug/L			04/02/25 19:01	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 19:01	1
2-Hexanone	ND		10		ug/L			04/02/25 19:01	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 19:01	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 19:01	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 19:01	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 19:01	1
Acetone	ND		10		ug/L			04/02/25 19:01	1
Benzene	ND		1.0		ug/L			04/02/25 19:01	1
Bromobenzene	ND		1.0		ug/L			04/02/25 19:01	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 19:01	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 19:01	1
Bromoform	ND		1.0		ug/L			04/02/25 19:01	1
Bromomethane	ND		3.0		ug/L			04/02/25 19:01	1
Carbon disulfide	ND		10		ug/L			04/02/25 19:01	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 19:01	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 19:01	1
Chloroethane	ND		2.0		ug/L			04/02/25 19:01	1
Chloroform	ND		1.0		ug/L			04/02/25 19:01	1
Chloromethane	ND		3.0		ug/L			04/02/25 19:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 19:01	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 19:01	1
Dibromomethane	ND		1.0		ug/L			04/02/25 19:01	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 19:01	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 19:01	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 19:01	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 19:01	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-29
Date Collected: 03/20/25 15:30
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 19:01	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 19:01	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 19:01	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 19:01	1
Naphthalene	ND		2.0		ug/L			04/02/25 19:01	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 19:01	1
Styrene	ND		1.0		ug/L			04/02/25 19:01	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 19:01	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 19:01	1
Toluene	ND		1.0		ug/L			04/02/25 19:01	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 19:01	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 19:01	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 19:01	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 19:01	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 19:01	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/02/25 19:01*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/25 19:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 19:01*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 19:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			03/26/25 16:06	100
Nitrate as N	ND	H H3	10		mg/L			03/26/25 16:06	100
Chloride	**3800**		50		mg/L			03/26/25 16:06	100
Nitrite as N	ND	H H3	10		mg/L			03/26/25 16:06	100
Fluoride	ND		10		mg/L			03/26/25 16:06	100
Orthophosphate as P	ND	H H3	50		mg/L			03/26/25 16:06	100
Sulfate	**2400**		50		mg/L			03/26/25 16:06	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**850**		50		mg/L		03/26/25 08:57	03/28/25 13:49	50
Magnesium	**130**		5.0		mg/L		03/26/25 08:57	03/28/25 11:23	5
Potassium	**16**		1.0		mg/L		03/26/25 08:57	03/28/25 11:21	1
Sodium	**2300**		50		mg/L		03/26/25 08:57	03/28/25 13:49	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9100**		250		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			03/26/25 18:20	1
Specific Conductance (SM 2510B)	**19000**		1000		umhos/cm			03/28/25 14:51	100
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			03/26/25 18:20	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-31
Date Collected: 03/20/25 14:45
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 19:28	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 19:28	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 19:28	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 19:28	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 19:28	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 19:28	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 19:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 19:28	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 19:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 19:28	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 19:28	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 19:28	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 19:28	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:28	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 19:28	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 19:28	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 19:28	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:28	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 19:28	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:28	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 19:28	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 19:28	1
2-Butanone	ND		10		ug/L			04/02/25 19:28	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 19:28	1
2-Hexanone	ND		10		ug/L			04/02/25 19:28	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 19:28	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 19:28	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 19:28	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 19:28	1
Acetone	ND		10		ug/L			04/02/25 19:28	1
Benzene	ND		1.0		ug/L			04/02/25 19:28	1
Bromobenzene	ND		1.0		ug/L			04/02/25 19:28	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 19:28	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 19:28	1
Bromoform	ND		1.0		ug/L			04/02/25 19:28	1
Bromomethane	ND		3.0		ug/L			04/02/25 19:28	1
Carbon disulfide	ND		10		ug/L			04/02/25 19:28	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 19:28	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 19:28	1
Chloroethane	ND		2.0		ug/L			04/02/25 19:28	1
Chloroform	ND		1.0		ug/L			04/02/25 19:28	1
Chloromethane	ND		3.0		ug/L			04/02/25 19:28	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 19:28	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 19:28	1
Dibromomethane	ND		1.0		ug/L			04/02/25 19:28	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 19:28	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 19:28	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 19:28	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 19:28	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-31

Date Collected: 03/20/25 14:45
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 19:28	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 19:28	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 19:28	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 19:28	1
Naphthalene	ND		2.0		ug/L			04/02/25 19:28	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 19:28	1
Styrene	ND		1.0		ug/L			04/02/25 19:28	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 19:28	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 19:28	1
Toluene	ND		1.0		ug/L			04/02/25 19:28	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 19:28	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 19:28	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 19:28	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 19:28	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 19:28	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/02/25 19:28*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/25 19:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 19:28*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.1**		1.0		mg/L			03/26/25 16:26	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 16:26	10
Chloride	**510**		5.0		mg/L			03/26/25 16:26	10
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 16:26	10
Fluoride	ND		1.0		mg/L			03/26/25 16:26	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 16:26	10
Sulfate	**2200**		50		mg/L			03/26/25 16:37	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**560**		50		mg/L		03/26/25 08:57	03/28/25 13:51	50
Magnesium	**82**		1.0		mg/L		03/26/25 08:57	03/28/25 11:24	1
Potassium	**8.5**		1.0		mg/L		03/26/25 08:57	03/28/25 11:24	1
Sodium	**610**		50		mg/L		03/26/25 08:57	03/28/25 13:51	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3900**		250		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			03/26/25 18:32	1
Specific Conductance (SM 2510B)	**5100**		10		umhos/cm			03/28/25 14:53	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			03/26/25 18:32	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-32
Date Collected: 03/20/25 11:20
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 19:56	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 19:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 19:56	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 19:56	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 19:56	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 19:56	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 19:56	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 19:56	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 19:56	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 19:56	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 19:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 19:56	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 19:56	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:56	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 19:56	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 19:56	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 19:56	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:56	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 19:56	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 19:56	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 19:56	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 19:56	1
2-Butanone	ND		10		ug/L			04/02/25 19:56	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 19:56	1
2-Hexanone	ND		10		ug/L			04/02/25 19:56	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 19:56	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 19:56	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 19:56	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 19:56	1
Acetone	ND		10		ug/L			04/02/25 19:56	1
Benzene	ND		1.0		ug/L			04/02/25 19:56	1
Bromobenzene	ND		1.0		ug/L			04/02/25 19:56	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 19:56	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 19:56	1
Bromoform	ND		1.0		ug/L			04/02/25 19:56	1
Bromomethane	ND		3.0		ug/L			04/02/25 19:56	1
Carbon disulfide	ND		10		ug/L			04/02/25 19:56	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 19:56	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 19:56	1
Chloroethane	ND		2.0		ug/L			04/02/25 19:56	1
Chloroform	ND		1.0		ug/L			04/02/25 19:56	1
Chloromethane	ND		3.0		ug/L			04/02/25 19:56	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 19:56	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 19:56	1
Dibromomethane	ND		1.0		ug/L			04/02/25 19:56	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 19:56	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 19:56	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 19:56	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 19:56	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-32
Date Collected: 03/20/25 11:20
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 19:56	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 19:56	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 19:56	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 19:56	1
Naphthalene	ND		2.0		ug/L			04/02/25 19:56	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 19:56	1
Styrene	ND		1.0		ug/L			04/02/25 19:56	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 19:56	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 19:56	1
Toluene	ND		1.0		ug/L			04/02/25 19:56	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 19:56	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 19:56	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 19:56	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 19:56	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 19:56	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/02/25 19:56*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/02/25 19:56*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/02/25 19:56*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 19:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.9**		1.0		mg/L			03/26/25 16:47	10
Nitrate as N	**3.1**	**H H3**	1.0		mg/L			03/26/25 16:47	10
Chloride	**2000**		50		mg/L			03/26/25 16:58	100
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 16:47	10
Fluoride	**1.8**		1.0		mg/L			03/26/25 16:47	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 16:47	10
Sulfate	**3500**		50		mg/L			03/26/25 16:58	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**570**		50		mg/L		03/26/25 08:57	03/28/25 13:52	50
Magnesium	**110**		5.0		mg/L		03/26/25 08:57	03/28/25 11:27	5
Potassium	**11**		1.0		mg/L		03/26/25 08:57	03/28/25 11:26	1
Sodium	**1900**		50		mg/L		03/26/25 08:57	03/28/25 13:52	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8000**		500		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**240**		20		mg/L			03/26/25 18:44	1
Specific Conductance (SM 2510B)	**15000**		1000		umhos/cm			03/28/25 14:56	100
pH (SM 4500 H+ B)	**7.7**	**HF**	0.1		SU			03/26/25 18:44	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-33
Date Collected: 03/20/25 13:50
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 20:23	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 20:23	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 20:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 20:23	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 20:23	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 20:23	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 20:23	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 20:23	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 20:23	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 20:23	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 20:23	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 20:23	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 20:23	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 20:23	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 20:23	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 20:23	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 20:23	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 20:23	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 20:23	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 20:23	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 20:23	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 20:23	1
2-Butanone	ND		10		ug/L			04/02/25 20:23	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 20:23	1
2-Hexanone	ND		10		ug/L			04/02/25 20:23	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 20:23	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 20:23	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 20:23	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 20:23	1
Acetone	ND		10		ug/L			04/02/25 20:23	1
Benzene	ND		1.0		ug/L			04/02/25 20:23	1
Bromobenzene	ND		1.0		ug/L			04/02/25 20:23	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 20:23	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 20:23	1
Bromoform	ND		1.0		ug/L			04/02/25 20:23	1
Bromomethane	ND		3.0		ug/L			04/02/25 20:23	1
Carbon disulfide	ND		10		ug/L			04/02/25 20:23	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 20:23	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 20:23	1
Chloroethane	ND		2.0		ug/L			04/02/25 20:23	1
Chloroform	ND		1.0		ug/L			04/02/25 20:23	1
Chloromethane	ND		3.0		ug/L			04/02/25 20:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 20:23	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 20:23	1
Dibromomethane	ND		1.0		ug/L			04/02/25 20:23	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 20:23	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 20:23	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 20:23	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 20:23	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-33

Date Collected: 03/20/25 13:50
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 20:23	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 20:23	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 20:23	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 20:23	1
Naphthalene	ND		2.0		ug/L			04/02/25 20:23	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 20:23	1
Styrene	ND		1.0		ug/L			04/02/25 20:23	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 20:23	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 20:23	1
Toluene	ND		1.0		ug/L			04/02/25 20:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 20:23	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 20:23	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 20:23	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 20:23	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 20:23	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/02/25 20:23*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 20:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/02/25 20:23*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/02/25 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.7**		1.0		mg/L			03/26/25 17:49	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 17:49	10
Chloride	**1000**		50		mg/L			03/26/25 18:00	100
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 17:49	10
Fluoride	**1.1**		1.0		mg/L			03/26/25 17:49	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 17:49	10
Sulfate	**2400**		50		mg/L			03/26/25 18:00	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**780**		50		mg/L		03/26/25 08:57	03/28/25 13:54	50
Magnesium	**120**		5.0		mg/L		03/26/25 08:57	03/28/25 11:30	5
Potassium	**30**		1.0		mg/L		03/26/25 08:57	03/28/25 11:28	1
Sodium	**990**		50		mg/L		03/26/25 08:57	03/28/25 13:54	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**5300**		500		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**350**		20		mg/L			03/26/25 18:57	1
Specific Conductance (SM 2510B)	**6900**		10		umhos/cm			03/28/25 15:05	1
pH (SM 4500 H+ B)	**7.3**	**HF**	0.1		SU			03/26/25 18:57	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-34
Date Collected: 03/20/25 13:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 20:51	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 20:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 20:51	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 20:51	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 20:51	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 20:51	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 20:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 20:51	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 20:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 20:51	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 20:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 20:51	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 20:51	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 20:51	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 20:51	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 20:51	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 20:51	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 20:51	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 20:51	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 20:51	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 20:51	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 20:51	1
2-Butanone	ND		10		ug/L			04/02/25 20:51	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 20:51	1
2-Hexanone	ND		10		ug/L			04/02/25 20:51	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 20:51	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 20:51	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 20:51	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 20:51	1
Acetone	ND		10		ug/L			04/02/25 20:51	1
Benzene	ND		1.0		ug/L			04/02/25 20:51	1
Bromobenzene	ND		1.0		ug/L			04/02/25 20:51	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 20:51	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 20:51	1
Bromoform	ND		1.0		ug/L			04/02/25 20:51	1
Bromomethane	ND		3.0		ug/L			04/02/25 20:51	1
Carbon disulfide	ND		10		ug/L			04/02/25 20:51	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 20:51	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 20:51	1
Chloroethane	ND		2.0		ug/L			04/02/25 20:51	1
Chloroform	ND		1.0		ug/L			04/02/25 20:51	1
Chloromethane	ND		3.0		ug/L			04/02/25 20:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 20:51	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 20:51	1
Dibromomethane	ND		1.0		ug/L			04/02/25 20:51	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 20:51	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 20:51	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 20:51	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 20:51	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-34

Date Collected: 03/20/25 13:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-12

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 20:51	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 20:51	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 20:51	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 20:51	1
Naphthalene	ND		2.0		ug/L			04/02/25 20:51	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 20:51	1
Styrene	ND		1.0		ug/L			04/02/25 20:51	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 20:51	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 20:51	1
Toluene	ND		1.0		ug/L			04/02/25 20:51	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 20:51	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 20:51	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 20:51	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 20:51	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 20:51	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/02/25 20:51*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/25 20:51*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 20:51*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/02/25 20:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			03/26/25 18:10	100
Nitrate as N	ND	H H3	10		mg/L			03/26/25 18:10	100
Chloride	**2900**		50		mg/L			03/26/25 18:10	100
Nitrite as N	ND	H H3	10		mg/L			03/26/25 18:10	100
Fluoride	ND		10		mg/L			03/26/25 18:10	100
Orthophosphate as P	ND	H H3	50		mg/L			03/26/25 18:10	100
Sulfate	**3100**		50		mg/L			03/26/25 18:10	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**740**		50		mg/L		03/26/25 08:57	03/28/25 13:55	50
Magnesium	**96**		1.0		mg/L		03/26/25 08:57	03/28/25 11:35	1
Potassium	**23**		1.0		mg/L		03/26/25 08:57	03/28/25 11:35	1
Sodium	**2300**		50		mg/L		03/26/25 08:57	03/28/25 13:55	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9100**		500		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**260**		20		mg/L			03/26/25 19:13	1
Specific Conductance (SM 2510B)	**17000**		1000		umhos/cm			03/28/25 15:07	100
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			03/26/25 19:13	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-35
Date Collected: 03/20/25 12:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-13
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 21:19	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 21:19	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 21:19	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 21:19	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 21:19	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 21:19	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 21:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 21:19	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 21:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 21:19	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 21:19	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 21:19	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 21:19	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 21:19	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 21:19	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 21:19	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 21:19	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 21:19	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 21:19	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 21:19	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 21:19	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 21:19	1
2-Butanone	ND		10		ug/L			04/02/25 21:19	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 21:19	1
2-Hexanone	ND		10		ug/L			04/02/25 21:19	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 21:19	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 21:19	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 21:19	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 21:19	1
Acetone	ND		10		ug/L			04/02/25 21:19	1
Benzene	ND		1.0		ug/L			04/02/25 21:19	1
Bromobenzene	ND		1.0		ug/L			04/02/25 21:19	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 21:19	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 21:19	1
Bromoform	ND		1.0		ug/L			04/02/25 21:19	1
Bromomethane	ND		3.0		ug/L			04/02/25 21:19	1
Carbon disulfide	ND		10		ug/L			04/02/25 21:19	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 21:19	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 21:19	1
Chloroethane	ND		2.0		ug/L			04/02/25 21:19	1
Chloroform	ND		1.0		ug/L			04/02/25 21:19	1
Chloromethane	ND		3.0		ug/L			04/02/25 21:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 21:19	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 21:19	1
Dibromomethane	ND		1.0		ug/L			04/02/25 21:19	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 21:19	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 21:19	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 21:19	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 21:19	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-35

Date Collected: 03/20/25 12:00
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-13

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 21:19	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 21:19	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 21:19	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 21:19	1
Naphthalene	ND		2.0		ug/L			04/02/25 21:19	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 21:19	1
Styrene	ND		1.0		ug/L			04/02/25 21:19	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 21:19	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 21:19	1
Toluene	ND		1.0		ug/L			04/02/25 21:19	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 21:19	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 21:19	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 21:19	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 21:19	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 21:19	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/02/25 21:19*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/25 21:19*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 21:19*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*04/02/25 21:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			03/26/25 18:31	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 18:31	10
Chloride	**69**		5.0		mg/L			03/26/25 18:31	10
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 18:31	10
Fluoride	**3.6**		1.0		mg/L			03/26/25 18:31	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 18:31	10
Sulfate	**840**		5.0		mg/L			03/26/25 18:31	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**24**		1.0		mg/L		03/26/25 08:57	03/28/25 11:38	1
Magnesium	**5.9**		1.0		mg/L		03/26/25 08:57	03/28/25 11:38	1
Potassium	**4.7**		1.0		mg/L		03/26/25 08:57	03/28/25 11:38	1
Sodium	**660**		50		mg/L		03/26/25 08:57	03/28/25 13:56	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1900**		500		mg/L			03/27/25 08:56	1
Total Alkalinity as CaCO3 (SM 2320B)	**520**		20		mg/L			03/26/25 19:30	1
Specific Conductance (SM 2510B)	**2900**		10		umhos/cm			03/28/25 15:10	1
pH (SM 4500 H+ B)	**8.3**	**HF**	0.1		SU			03/26/25 19:30	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-36

Date Collected: 03/20/25 10:30
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-14

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 21:46	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 21:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 21:46	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 21:46	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 21:46	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 21:46	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 21:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 21:46	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 21:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 21:46	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 21:46	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 21:46	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 21:46	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 21:46	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 21:46	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 21:46	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 21:46	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 21:46	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 21:46	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 21:46	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 21:46	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 21:46	1
2-Butanone	ND		10		ug/L			04/02/25 21:46	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 21:46	1
2-Hexanone	ND		10		ug/L			04/02/25 21:46	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 21:46	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 21:46	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 21:46	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 21:46	1
Acetone	ND		10		ug/L			04/02/25 21:46	1
Benzene	ND		1.0		ug/L			04/02/25 21:46	1
Bromobenzene	ND		1.0		ug/L			04/02/25 21:46	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 21:46	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 21:46	1
Bromoform	ND		1.0		ug/L			04/02/25 21:46	1
Bromomethane	ND		3.0		ug/L			04/02/25 21:46	1
Carbon disulfide	ND		10		ug/L			04/02/25 21:46	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 21:46	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 21:46	1
Chloroethane	ND		2.0		ug/L			04/02/25 21:46	1
Chloroform	ND		1.0		ug/L			04/02/25 21:46	1
Chloromethane	ND		3.0		ug/L			04/02/25 21:46	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 21:46	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 21:46	1
Dibromomethane	ND		1.0		ug/L			04/02/25 21:46	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 21:46	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 21:46	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 21:46	1
Isopropylbenzene	ND		1.0		ug/L			04/02/25 21:46	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-36
Date Collected: 03/20/25 10:30
Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-14
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 21:46	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 21:46	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 21:46	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 21:46	1
Naphthalene	ND		2.0		ug/L			04/02/25 21:46	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 21:46	1
Styrene	ND		1.0		ug/L			04/02/25 21:46	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 21:46	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 21:46	1
Toluene	ND		1.0		ug/L			04/02/25 21:46	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 21:46	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 21:46	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 21:46	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 21:46	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 21:46	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*04/02/25 21:46*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/25 21:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 21:46*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*04/02/25 21:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			03/26/25 18:51	10
Nitrate as N	ND	H H3	1.0		mg/L			03/26/25 18:51	10
Chloride	**49**		5.0		mg/L			03/26/25 18:51	10
Nitrite as N	ND	H H3	1.0		mg/L			03/26/25 18:51	10
Fluoride	**3.0**		1.0		mg/L			03/26/25 18:51	10
Orthophosphate as P	ND	H H3	5.0		mg/L			03/26/25 18:51	10
Sulfate	**1200**		5.0		mg/L			03/26/25 18:51	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**51**		1.0		mg/L		03/26/25 08:57	03/28/25 11:40	1
Magnesium	**19**		1.0		mg/L		03/26/25 08:57	03/28/25 11:40	1
Potassium	**6.1**		1.0		mg/L		03/26/25 08:57	03/28/25 11:40	1
Sodium	**630**		50		mg/L		03/26/25 08:57	03/28/25 13:57	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2000**		100		mg/L			03/27/25 11:41	1
Total Alkalinity as CaCO3 (SM 2320B)	**200**		20		mg/L			03/26/25 19:50	1
Specific Conductance (SM 2510B)	**3000**		10		umhos/cm			03/28/25 15:13	1
pH (SM 4500 H+ B)	**8.2**	**HF**	0.1		SU			03/26/25 19:50	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-23565/5
Matrix: Water
Analysis Batch: 23565

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/02/25 13:31	1
1,1,1-Trichloroethane	ND		1.0		ug/L			04/02/25 13:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			04/02/25 13:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			04/02/25 13:31	1
1,1-Dichloroethane	ND		1.0		ug/L			04/02/25 13:31	1
1,1-Dichloroethene	ND		1.0		ug/L			04/02/25 13:31	1
1,1-Dichloropropene	ND		1.0		ug/L			04/02/25 13:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/25 13:31	1
1,2,3-Trichloropropane	ND		2.0		ug/L			04/02/25 13:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/25 13:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/02/25 13:31	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			04/02/25 13:31	1
1,2-Dichlorobenzene	ND		1.0		ug/L			04/02/25 13:31	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			04/02/25 13:31	1
1,2-Dichloropropane	ND		1.0		ug/L			04/02/25 13:31	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
1,3-Dichlorobenzene	ND		1.0		ug/L			04/02/25 13:31	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/25 13:31	1
1,4-Dichlorobenzene	ND		1.0		ug/L			04/02/25 13:31	1
1-Methylnaphthalene	ND		4.0		ug/L			04/02/25 13:31	1
2,2-Dichloropropane	ND		2.0		ug/L			04/02/25 13:31	1
2-Butanone	ND		10		ug/L			04/02/25 13:31	1
2-Chlorotoluene	ND		1.0		ug/L			04/02/25 13:31	1
2-Hexanone	ND		10		ug/L			04/02/25 13:31	1
2-Methylnaphthalene	ND		4.0		ug/L			04/02/25 13:31	1
4-Chlorotoluene	ND		1.0		ug/L			04/02/25 13:31	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/25 13:31	1
4-Methyl-2-pentanone	ND		10		ug/L			04/02/25 13:31	1
Acetone	ND		10		ug/L			04/02/25 13:31	1
Benzene	ND		1.0		ug/L			04/02/25 13:31	1
Bromobenzene	ND		1.0		ug/L			04/02/25 13:31	1
Bromodichloromethane	ND		1.0		ug/L			04/02/25 13:31	1
Dibromochloromethane	ND		1.0		ug/L			04/02/25 13:31	1
Bromoform	ND		1.0		ug/L			04/02/25 13:31	1
Bromomethane	ND		3.0		ug/L			04/02/25 13:31	1
Carbon disulfide	ND		10		ug/L			04/02/25 13:31	1
Carbon tetrachloride	ND		1.0		ug/L			04/02/25 13:31	1
Chlorobenzene	ND		1.0		ug/L			04/02/25 13:31	1
Chloroethane	ND		2.0		ug/L			04/02/25 13:31	1
Chloroform	ND		1.0		ug/L			04/02/25 13:31	1
Chloromethane	ND		3.0		ug/L			04/02/25 13:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 13:31	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 13:31	1
Dibromomethane	ND		1.0		ug/L			04/02/25 13:31	1
Dichlorodifluoromethane	ND		1.0		ug/L			04/02/25 13:31	1
Ethylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/25 13:31	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-23565/5
Matrix: Water
Analysis Batch: 23565

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			04/02/25 13:31	1
Methylene Chloride	ND		2.5		ug/L			04/02/25 13:31	1
n-Butylbenzene	ND		3.0		ug/L			04/02/25 13:31	1
N-Propylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
Naphthalene	ND		2.0		ug/L			04/02/25 13:31	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
Styrene	ND		1.0		ug/L			04/02/25 13:31	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/25 13:31	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			04/02/25 13:31	1
Toluene	ND		1.0		ug/L			04/02/25 13:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/02/25 13:31	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/02/25 13:31	1
Trichloroethene (TCE)	ND		1.0		ug/L			04/02/25 13:31	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/25 13:31	1
Vinyl chloride	ND		1.0		ug/L			04/02/25 13:31	1
Xylenes, Total	ND		1.5		ug/L			04/02/25 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/02/25 13:31*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/25 13:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/02/25 13:31*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*04/02/25 13:31*	*1*

Lab Sample ID: LCS 885-23565/3
Matrix: Water
Analysis Batch: 23565

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	19.0		ug/L		95	70 - 130		
Benzene			20.0	20.2		ug/L		101	70 - 130		
Chlorobenzene			20.0	20.9		ug/L		104	70 - 130		
Toluene			20.0	20.7		ug/L		104	70 - 130		
Trichloroethene (TCE)			20.0	18.2		ug/L		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*

Lab Sample ID: 885-22021-1 MS
Matrix: Water
Analysis Batch: 23565

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND		20.0	19.5		ug/L		98	70 - 130		
Benzene	ND		20.0	20.4		ug/L		102	70 - 130		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-22021-1 MS
Matrix: Water
Analysis Batch: 23565

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	20.6		ug/L		103	70 - 130
Toluene	ND		20.0	20.6		ug/L		103	70 - 130
Trichloroethene (TCE)	ND		20.0	18.3		ug/L		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*

Lab Sample ID: 885-22021-1 MSD
Matrix: Water
Analysis Batch: 23565

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		20.0	18.9		ug/L		94	70 - 130	3	20
Benzene	ND		20.0	20.2		ug/L		101	70 - 130	1	20
Chlorobenzene	ND		20.0	20.3		ug/L		101	70 - 130	2	20
Toluene	ND		20.0	20.0		ug/L		100	70 - 130	3	20
Trichloroethene (TCE)	ND		20.0	17.9		ug/L		90	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-23061/4
Matrix: Water
Analysis Batch: 23061

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10		mg/L			03/26/25 07:49	1
Chloride	ND		0.50		mg/L			03/26/25 07:49	1
Fluoride	ND		0.10		mg/L			03/26/25 07:49	1
Sulfate	ND		0.50		mg/L			03/26/25 07:49	1

Lab Sample ID: MB 885-23061/58
Matrix: Water
Analysis Batch: 23061

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10		mg/L			03/26/25 17:08	1
Chloride	ND		0.50		mg/L			03/26/25 17:08	1
Fluoride	ND		0.10		mg/L			03/26/25 17:08	1
Sulfate	ND		0.50		mg/L			03/26/25 17:08	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-23061/5
Matrix: Water
Analysis Batch: 23061

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	2.50	2.47		mg/L		99	90 - 110
Chloride	5.00	5.06		mg/L		101	90 - 110
Fluoride	0.500	0.505		mg/L		101	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCS 885-23061/59
Matrix: Water
Analysis Batch: 23061

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	2.50	2.47		mg/L		99	90 - 110
Chloride	5.00	5.06		mg/L		101	90 - 110
Fluoride	0.500	0.484		mg/L		97	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: MRL 885-23061/3
Matrix: Water
Analysis Batch: 23061

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	0.100	0.103		mg/L		103	50 - 150
Chloride	0.500	0.509		mg/L		102	50 - 150
Fluoride	0.100	0.105		mg/L		105	50 - 150
Sulfate	0.500	0.507		mg/L		101	50 - 150

Lab Sample ID: 885-22021-14 MS
Matrix: Water
Analysis Batch: 23061

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	ND		25.0	24.5		mg/L		98	80 - 120
Chloride	49		50.0	100		mg/L		102	80 - 120
Fluoride	3.0		5.00	7.92		mg/L		99	70 - 130

Lab Sample ID: 885-22021-14 MSD
Matrix: Water
Analysis Batch: 23061

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	ND		25.0	24.8		mg/L		99	80 - 120	1	20
Chloride	49		50.0	100		mg/L		103	80 - 120	0	20
Fluoride	3.0		5.00	7.94		mg/L		100	70 - 130	0	20

Lab Sample ID: MB 885-23062/4
Matrix: Water
Analysis Batch: 23062

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			03/26/25 07:49	1
Nitrite as N	ND		0.10		mg/L			03/26/25 07:49	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-23062/4
Matrix: Water
Analysis Batch: 23062

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	ND		0.50		mg/L			03/26/25 07:49	1

Lab Sample ID: MB 885-23062/58
Matrix: Water
Analysis Batch: 23062

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			03/26/25 17:08	1
Nitrite as N	ND		0.10		mg/L			03/26/25 17:08	1
Orthophosphate as P	ND		0.50		mg/L			03/26/25 17:08	1

Lab Sample ID: LCS 885-23062/5
Matrix: Water
Analysis Batch: 23062

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.50	2.58		mg/L		103	90 - 110		
Nitrite as N			1.00	0.967		mg/L		97	90 - 110		
Orthophosphate as P			5.00	5.05		mg/L		101	90 - 110		

Lab Sample ID: LCS 885-23062/59
Matrix: Water
Analysis Batch: 23062

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.50	2.58		mg/L		103	90 - 110		
Nitrite as N			1.00	0.964		mg/L		96	90 - 110		
Orthophosphate as P			5.00	5.11		mg/L		102	90 - 110		

Lab Sample ID: MRL 885-23062/3
Matrix: Water
Analysis Batch: 23062

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.103		mg/L		103	50 - 150		
Nitrite as N			0.100	0.103		mg/L		103	50 - 150		
Orthophosphate as P			0.500	0.503		mg/L		101	50 - 150		

Lab Sample ID: 885-22021-14 MS
Matrix: Water
Analysis Batch: 23062

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	ND	H H3	25.0	25.5		mg/L		102	80 - 120		
Nitrite as N	ND	H H3	10.0	9.46		mg/L		95	80 - 120		
Orthophosphate as P	ND	H H3	50.0	50.3		mg/L		101	80 - 120		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-22021-14 MSD — **Client Sample ID: MW-36**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 23062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND	H H3	25.0	25.7		mg/L		103	80 - 120	1	20
Nitrite as N	ND	H H3	10.0	9.55		mg/L		96	80 - 120	1	20
Orthophosphate as P	ND	H H3	50.0	50.8		mg/L		102	80 - 120	1	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-23300/19 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 23300

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.501	J	mg/L		100	50 - 150
Magnesium	0.500	0.504	J	mg/L		101	50 - 150
Potassium	0.500	0.506	J	mg/L		101	50 - 150
Sodium	0.500	0.506	J	mg/L		101	50 - 150

Lab Sample ID: MB 885-23080/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 23300 — **Prep Batch: 23080**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		1.0	mg/L		03/26/25 08:57	03/28/25 09:53	1
Magnesium	ND		1.0	mg/L		03/26/25 08:57	03/28/25 09:53	1
Potassium	ND		1.0	mg/L		03/26/25 08:57	03/28/25 09:53	1
Sodium	ND		1.0	mg/L		03/26/25 08:57	03/28/25 09:53	1

Lab Sample ID: LCS 885-23080/6-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 23300 — **Prep Batch: 23080**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	50.0	50.5		mg/L		101	85 - 115
Magnesium	50.0	51.6		mg/L		103	85 - 115
Potassium	50.0	51.2		mg/L		102	85 - 115
Sodium	50.0	51.5		mg/L		103	85 - 115

Lab Sample ID: LLCS 885-23080/5-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 23300 — **Prep Batch: 23080**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.490	J	mg/L		98	50 - 150
Magnesium	0.500	0.509	J	mg/L		102	50 - 150
Potassium	0.500	0.519	J	mg/L		104	50 - 150
Sodium	0.500	0.510	J	mg/L		102	50 - 150

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-23161/1
Matrix: Water
Analysis Batch: 23161

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			03/27/25 08:56	1

Lab Sample ID: LCS 885-23161/2
Matrix: Water
Analysis Batch: 23161

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1020		mg/L		101	80 - 120		

Lab Sample ID: MB 885-23188/1
Matrix: Water
Analysis Batch: 23188

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			03/27/25 11:41	1

Lab Sample ID: LCS 885-23188/2
Matrix: Water
Analysis Batch: 23188

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1020		mg/L		102	80 - 120		

Lab Sample ID: MB 885-23261/1
Matrix: Water
Analysis Batch: 23261

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			03/28/25 09:13	1

Lab Sample ID: LCS 885-23261/2
Matrix: Water
Analysis Batch: 23261

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1000		mg/L		100	80 - 120		

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 885-23183/2
Matrix: Water
Analysis Batch: 23183

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	ND		20		mg/L			03/26/25 14:59	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 885-23183/3
Matrix: Water
Analysis Batch: 23183

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	84.8	79.2		mg/L		93	90 - 110

Lab Sample ID: MRL 885-23183/1
Matrix: Water
Analysis Batch: 23183

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	21.2	25.5		mg/L		120	50 - 150

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: LCS 885-23347/4
Matrix: Water
Analysis Batch: 23347

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	99.3	104		umhos/cm		105	85 - 115

Lab Sample ID: MRL 885-23347/3
Matrix: Water
Analysis Batch: 23347

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	9.83	ND		umhos/cm		98	50 - 150

Lab Sample ID: 885-22021-2 DU
Matrix: Water
Analysis Batch: 23347

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Specific Conductance	8900		8850		umhos/cm		0.1	20

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

GC/MS VOA

Analysis Batch: 23565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	8260B	
885-22021-2	MW-12	Total/NA	Water	8260B	
885-22021-3	MW-13	Total/NA	Water	8260B	
885-22021-4	MW-15	Total/NA	Water	8260B	
885-22021-5	MW-18	Total/NA	Water	8260B	
885-22021-6	MW-27	Total/NA	Water	8260B	
885-22021-7	MW-28	Total/NA	Water	8260B	
885-22021-8	MW-29	Total/NA	Water	8260B	
885-22021-9	MW-31	Total/NA	Water	8260B	
885-22021-10	MW-32	Total/NA	Water	8260B	
885-22021-11	MW-33	Total/NA	Water	8260B	
885-22021-12	MW-34	Total/NA	Water	8260B	
885-22021-13	MW-35	Total/NA	Water	8260B	
885-22021-14	MW-36	Total/NA	Water	8260B	
MB 885-23565/5	Method Blank	Total/NA	Water	8260B	
LCS 885-23565/3	Lab Control Sample	Total/NA	Water	8260B	
885-22021-1 MS	MW-10	Total/NA	Water	8260B	
885-22021-1 MSD	MW-10	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 23061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	300.0	
885-22021-2	MW-12	Total/NA	Water	300.0	
885-22021-2	MW-12	Total/NA	Water	300.0	
885-22021-3	MW-13	Total/NA	Water	300.0	
885-22021-4	MW-15	Total/NA	Water	300.0	
885-22021-4	MW-15	Total/NA	Water	300.0	
885-22021-5	MW-18	Total/NA	Water	300.0	
885-22021-6	MW-27	Total/NA	Water	300.0	
885-22021-6	MW-27	Total/NA	Water	300.0	
885-22021-7	MW-28	Total/NA	Water	300.0	
885-22021-8	MW-29	Total/NA	Water	300.0	
885-22021-9	MW-31	Total/NA	Water	300.0	
885-22021-9	MW-31	Total/NA	Water	300.0	
885-22021-10	MW-32	Total/NA	Water	300.0	
885-22021-10	MW-32	Total/NA	Water	300.0	
885-22021-11	MW-33	Total/NA	Water	300.0	
885-22021-11	MW-33	Total/NA	Water	300.0	
885-22021-12	MW-34	Total/NA	Water	300.0	
885-22021-13	MW-35	Total/NA	Water	300.0	
885-22021-14	MW-36	Total/NA	Water	300.0	
MB 885-23061/4	Method Blank	Total/NA	Water	300.0	
MB 885-23061/58	Method Blank	Total/NA	Water	300.0	
LCS 885-23061/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-23061/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-23061/3	Lab Control Sample	Total/NA	Water	300.0	
885-22021-14 MS	MW-36	Total/NA	Water	300.0	
885-22021-14 MSD	MW-36	Total/NA	Water	300.0	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

HPLC/IC

Analysis Batch: 23062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	300.0	
885-22021-2	MW-12	Total/NA	Water	300.0	
885-22021-3	MW-13	Total/NA	Water	300.0	
885-22021-4	MW-15	Total/NA	Water	300.0	
885-22021-5	MW-18	Total/NA	Water	300.0	
885-22021-6	MW-27	Total/NA	Water	300.0	
885-22021-7	MW-28	Total/NA	Water	300.0	
885-22021-8	MW-29	Total/NA	Water	300.0	
885-22021-9	MW-31	Total/NA	Water	300.0	
885-22021-10	MW-32	Total/NA	Water	300.0	
885-22021-11	MW-33	Total/NA	Water	300.0	
885-22021-12	MW-34	Total/NA	Water	300.0	
885-22021-13	MW-35	Total/NA	Water	300.0	
885-22021-14	MW-36	Total/NA	Water	300.0	
MB 885-23062/4	Method Blank	Total/NA	Water	300.0	
MB 885-23062/58	Method Blank	Total/NA	Water	300.0	
LCS 885-23062/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-23062/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-23062/3	Lab Control Sample	Total/NA	Water	300.0	
885-22021-14 MS	MW-36	Total/NA	Water	300.0	
885-22021-14 MSD	MW-36	Total/NA	Water	300.0	

Metals

Prep Batch: 23080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total Recoverable	Water	200.2	
885-22021-2	MW-12	Total Recoverable	Water	200.2	
885-22021-3	MW-13	Total Recoverable	Water	200.2	
885-22021-4	MW-15	Total Recoverable	Water	200.2	
885-22021-5	MW-18	Total Recoverable	Water	200.2	
885-22021-6	MW-27	Total Recoverable	Water	200.2	
885-22021-7	MW-28	Total Recoverable	Water	200.2	
885-22021-8	MW-29	Total Recoverable	Water	200.2	
885-22021-9	MW-31	Total Recoverable	Water	200.2	
885-22021-10	MW-32	Total Recoverable	Water	200.2	
885-22021-11	MW-33	Total Recoverable	Water	200.2	
885-22021-12	MW-34	Total Recoverable	Water	200.2	
885-22021-13	MW-35	Total Recoverable	Water	200.2	
885-22021-14	MW-36	Total Recoverable	Water	200.2	
MB 885-23080/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-23080/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-23080/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 23300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-2	MW-12	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-2	MW-12	Total Recoverable	Water	200.7 Rev 4.4	23080

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Metals (Continued)

Analysis Batch: 23300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-2	MW-12	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-3	MW-13	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-3	MW-13	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-3	MW-13	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-4	MW-15	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-4	MW-15	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-5	MW-18	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-5	MW-18	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-5	MW-18	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-6	MW-27	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-6	MW-27	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-7	MW-28	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-7	MW-28	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-7	MW-28	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-8	MW-29	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-8	MW-29	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-8	MW-29	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-9	MW-31	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-9	MW-31	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-10	MW-32	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-10	MW-32	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-10	MW-32	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-11	MW-33	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-11	MW-33	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-11	MW-33	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-12	MW-34	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-12	MW-34	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-13	MW-35	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-13	MW-35	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-14	MW-36	Total Recoverable	Water	200.7 Rev 4.4	23080
885-22021-14	MW-36	Total Recoverable	Water	200.7 Rev 4.4	23080
MB 885-23080/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	23080
LCS 885-23080/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	23080
LLCS 885-23080/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	23080
MRL 885-23300/19	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Analysis Batch: 23161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-7	MW-28	Total/NA	Water	2540C	
885-22021-8	MW-29	Total/NA	Water	2540C	
885-22021-9	MW-31	Total/NA	Water	2540C	
885-22021-10	MW-32	Total/NA	Water	2540C	
885-22021-11	MW-33	Total/NA	Water	2540C	
885-22021-12	MW-34	Total/NA	Water	2540C	
885-22021-13	MW-35	Total/NA	Water	2540C	
MB 885-23161/1	Method Blank	Total/NA	Water	2540C	
LCS 885-23161/2	Lab Control Sample	Total/NA	Water	2540C	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

General Chemistry

Analysis Batch: 23183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	SM 2320B	
885-22021-2	MW-12	Total/NA	Water	SM 2320B	
885-22021-3	MW-13	Total/NA	Water	SM 2320B	
885-22021-4	MW-15	Total/NA	Water	SM 2320B	
885-22021-5	MW-18	Total/NA	Water	SM 2320B	
885-22021-6	MW-27	Total/NA	Water	SM 2320B	
885-22021-7	MW-28	Total/NA	Water	SM 2320B	
885-22021-8	MW-29	Total/NA	Water	SM 2320B	
885-22021-9	MW-31	Total/NA	Water	SM 2320B	
885-22021-10	MW-32	Total/NA	Water	SM 2320B	
885-22021-11	MW-33	Total/NA	Water	SM 2320B	
885-22021-12	MW-34	Total/NA	Water	SM 2320B	
885-22021-13	MW-35	Total/NA	Water	SM 2320B	
885-22021-14	MW-36	Total/NA	Water	SM 2320B	
MB 885-23183/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-23183/3	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 885-23183/1	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 23185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	SM 4500 H+ B	
885-22021-2	MW-12	Total/NA	Water	SM 4500 H+ B	
885-22021-3	MW-13	Total/NA	Water	SM 4500 H+ B	
885-22021-4	MW-15	Total/NA	Water	SM 4500 H+ B	
885-22021-5	MW-18	Total/NA	Water	SM 4500 H+ B	
885-22021-6	MW-27	Total/NA	Water	SM 4500 H+ B	
885-22021-7	MW-28	Total/NA	Water	SM 4500 H+ B	
885-22021-8	MW-29	Total/NA	Water	SM 4500 H+ B	
885-22021-9	MW-31	Total/NA	Water	SM 4500 H+ B	
885-22021-10	MW-32	Total/NA	Water	SM 4500 H+ B	
885-22021-11	MW-33	Total/NA	Water	SM 4500 H+ B	
885-22021-12	MW-34	Total/NA	Water	SM 4500 H+ B	
885-22021-13	MW-35	Total/NA	Water	SM 4500 H+ B	
885-22021-14	MW-36	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 23188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	2540C	
885-22021-2	MW-12	Total/NA	Water	2540C	
885-22021-3	MW-13	Total/NA	Water	2540C	
885-22021-4	MW-15	Total/NA	Water	2540C	
885-22021-14	MW-36	Total/NA	Water	2540C	
MB 885-23188/1	Method Blank	Total/NA	Water	2540C	
LCS 885-23188/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 23261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-5	MW-18	Total/NA	Water	2540C	
885-22021-6	MW-27	Total/NA	Water	2540C	
MB 885-23261/1	Method Blank	Total/NA	Water	2540C	
LCS 885-23261/2	Lab Control Sample	Total/NA	Water	2540C	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

General Chemistry

Analysis Batch: 23347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22021-1	MW-10	Total/NA	Water	SM 2510B	
885-22021-2	MW-12	Total/NA	Water	SM 2510B	
885-22021-3	MW-13	Total/NA	Water	SM 2510B	
885-22021-4	MW-15	Total/NA	Water	SM 2510B	
885-22021-5	MW-18	Total/NA	Water	SM 2510B	
885-22021-6	MW-27	Total/NA	Water	SM 2510B	
885-22021-7	MW-28	Total/NA	Water	SM 2510B	
885-22021-8	MW-29	Total/NA	Water	SM 2510B	
885-22021-9	MW-31	Total/NA	Water	SM 2510B	
885-22021-10	MW-32	Total/NA	Water	SM 2510B	
885-22021-11	MW-33	Total/NA	Water	SM 2510B	
885-22021-12	MW-34	Total/NA	Water	SM 2510B	
885-22021-13	MW-35	Total/NA	Water	SM 2510B	
885-22021-14	MW-36	Total/NA	Water	SM 2510B	
LCS 885-23347/4	Lab Control Sample	Total/NA	Water	SM 2510B	
MRL 885-23347/3	Lab Control Sample	Total/NA	Water	SM 2510B	
885-22021-2 DU	MW-12	Total/NA	Water	SM 2510B	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-10

Lab Sample ID: 885-22021-1

Date Collected: 03/21/25 12:20
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 14:53
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 13:00
Total/NA	Analysis	300.0		100	23062	TC1	EET ALB	03/26/25 13:00
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 10:55
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 10:57
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:36
Total/NA	Analysis	2540C		1	23188	HR	EET ALB	03/27/25 11:41
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 16:56
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 14:27
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 16:56

Client Sample ID: MW-12

Lab Sample ID: 885-22021-2

Date Collected: 03/21/25 11:00
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 16:16
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 13:41
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 13:41
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 13:51
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:02
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:04
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:37
Total/NA	Analysis	2540C		1	23188	HR	EET ALB	03/27/25 11:41
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 17:07
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 14:30
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 17:07

Client Sample ID: MW-13

Lab Sample ID: 885-22021-3

Date Collected: 03/21/25 11:45
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 16:44
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 14:02
Total/NA	Analysis	300.0		100	23062	TC1	EET ALB	03/26/25 14:02

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-13

Lab Sample ID: 885-22021-3

Date Collected: 03/21/25 11:45
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:05
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:06
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:39
Total/NA	Analysis	2540C		1	23188	HR	EET ALB	03/27/25 11:41
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 17:23
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 14:36
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 17:23

Client Sample ID: MW-15

Lab Sample ID: 885-22021-4

Date Collected: 03/21/25 14:00
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 17:11
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 14:22
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 14:22
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 14:33
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:07
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:40
Total/NA	Analysis	2540C		1	23188	HR	EET ALB	03/27/25 11:41
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 17:33
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 14:39
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 17:33

Client Sample ID: MW-18

Lab Sample ID: 885-22021-5

Date Collected: 03/21/25 10:10
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 17:39
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 14:43
Total/NA	Analysis	300.0		100	23062	TC1	EET ALB	03/26/25 14:43
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:09
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:11
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:46

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-18

Lab Sample ID: 885-22021-5

Date Collected: 03/21/25 10:10
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C		1	23261	HR	EET ALB	03/28/25 09:13
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 17:45
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 14:42
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 17:45

Client Sample ID: MW-27

Lab Sample ID: 885-22021-6

Date Collected: 03/21/25 13:10
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 18:06
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 15:04
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 15:04
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 15:14
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:12
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:47
Total/NA	Analysis	2540C		1	23261	HR	EET ALB	03/28/25 09:13
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 17:57
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 14:45
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 17:57

Client Sample ID: MW-28

Lab Sample ID: 885-22021-7

Date Collected: 03/20/25 16:40
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 18:34
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 15:45
Total/NA	Analysis	300.0		100	23062	TC1	EET ALB	03/26/25 15:45
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:19
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:20
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:48
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 18:09
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 14:48
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 18:09

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-29

Lab Sample ID: 885-22021-8

Date Collected: 03/20/25 15:30
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 19:01
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 16:06
Total/NA	Analysis	300.0		100	23062	TC1	EET ALB	03/26/25 16:06
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:21
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:23
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:49
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 18:20
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 14:51
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 18:20

Client Sample ID: MW-31

Lab Sample ID: 885-22021-9

Date Collected: 03/20/25 14:45
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 19:28
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 16:26
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 16:26
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 16:37
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:24
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:51
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 18:32
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 14:53
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 18:32

Client Sample ID: MW-32

Lab Sample ID: 885-22021-10

Date Collected: 03/20/25 11:20
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 19:56
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 16:47
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 16:47
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 16:58
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:26

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-32

Lab Sample ID: 885-22021-10

Date Collected: 03/20/25 11:20
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:27
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:52
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 18:44
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 14:56
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 18:44

Client Sample ID: MW-33

Lab Sample ID: 885-22021-11

Date Collected: 03/20/25 13:50
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 20:23
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 17:49
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 17:49
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 18:00
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:28
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		5	23300	JR	EET ALB	03/28/25 11:30
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:54
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 18:57
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 15:05
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 18:57

Client Sample ID: MW-34

Lab Sample ID: 885-22021-12

Date Collected: 03/20/25 13:00
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 20:51
Total/NA	Analysis	300.0		100	23061	RC	EET ALB	03/26/25 18:10
Total/NA	Analysis	300.0		100	23062	TC1	EET ALB	03/26/25 18:10
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:35
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:55
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 19:13

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Client Sample ID: MW-34

Lab Sample ID: 885-22021-12

Date Collected: 03/20/25 13:00
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2510B		100	23347	KB	EET ALB	03/28/25 15:07
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 19:13

Client Sample ID: MW-35

Lab Sample ID: 885-22021-13

Date Collected: 03/20/25 12:00
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 21:19
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 18:31
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 18:31
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:38
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:56
Total/NA	Analysis	2540C		1	23161	HR	EET ALB	03/27/25 08:56
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 19:30
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 15:10
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 19:30

Client Sample ID: MW-36

Lab Sample ID: 885-22021-14

Date Collected: 03/20/25 10:30
Matrix: Water
Date Received: 03/25/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	23565	RA	EET ALB	04/02/25 21:46
Total/NA	Analysis	300.0		10	23061	RC	EET ALB	03/26/25 18:51
Total/NA	Analysis	300.0		10	23062	TC1	EET ALB	03/26/25 18:51
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		1	23300	JR	EET ALB	03/28/25 11:40
Total Recoverable	Prep	200.2			23080	JE	EET ALB	03/26/25 08:57
Total Recoverable	Analysis	200.7 Rev 4.4		50	23300	JR	EET ALB	03/28/25 13:57
Total/NA	Analysis	2540C		1	23188	HR	EET ALB	03/27/25 11:41
Total/NA	Analysis	SM 2320B		1	23183	KB	EET ALB	03/26/25 19:50
Total/NA	Analysis	SM 2510B		1	23347	KB	EET ALB	03/28/25 15:13
Total/NA	Analysis	SM 4500 H+ B		1	23185	KB	EET ALB	03/26/25 19:50

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

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
200.7 Rev 4.4	200.2	Water	Calcium
200.7 Rev 4.4	200.2	Water	Magnesium
200.7 Rev 4.4	200.2	Water	Potassium
200.7 Rev 4.4	200.2	Water	Sodium
2540C		Water	Total Dissolved Solids
300.0		Water	Bromide
300.0		Water	Chloride
300.0		Water	Fluoride
300.0		Water	Nitrate as N
300.0		Water	Nitrite as N
300.0		Water	Orthophosphate as P
300.0		Water	Sulfate
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

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
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total
SM 2320B		Water	Total Alkalinity as CaCO3
SM 2510B		Water	Specific Conductance
SM 4500 H+ B		Water	pH

Chain-of-Custody Record

Client: Hilcorp Farmington NM

Mailing Address: 382 Road 3100 Aztec, NM 87410

Billing Address: PO Box 61529 Houston, TX 77208

Phone #: 505-486-9543

email or Fax#: Brandon.Sinclair@hilcorp.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
X Standard ☐ Rush

Project Name: Salty Dog Pipeline

Project #:

Project Manager:

Sampler: Brandon Sinclair
On Ice: ~~☐ Yes~~ ☐ No
\# of Coolers: 1
Cooler Temp(including CF): 0.3-0=0.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-22021 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Cations/Anions/TDS/pH/Alkalinity (1) Liter Plastic	Volatiles 8260 40ml VOA HCl
3-21	1220	Water	MW-10	Various	Various	-1	X	X
3-21	1100	Water	MW-12	Various	Various	-2	X	X
3-21	1145	Water	MW-13	Various	Various	-3	X	X
3-21	1400	Water	MW-15	Various	Various	-4	X	X
3-21	1010	Water	MW-18	Various	Various	-5	X	X
3-21	1310	Water	MW-27	Various	Various	-6	X	X
3-20	1640	Water	MW-28	Various	Various	-7	X	X
3-20	1530	Water	MW-29	Various	Various	-8	X	X
3-20	1445	Water	MW-31	Various	Various	-9	X	X
	1120		MW-32			-10		
	1350		MW-33			-11		
	1300		MW-34			-12		
	1200		MW-35			-13		
	1030		MW-36			-14		

Date	Time	Relinquished by	Received by	Via	Date	Time
3/24/25	1505	[signature]	Christ Walt		3/24/25	1505
3/24/25	1800	[signature]	[signature]	Courier	3/25/25	7:10

Preserve the Cation/Anions in the lab. Cations: Calcium, Magnesium, Potassium and Sodium, Anions:Bromide, Chloride, Sulfate, Fluoride, Nitrate+Nitrite and Phosphorous.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-22021-1

Login Number: 22021 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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)	False	Refer to Job Narrative for details.
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.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	Refer to Job Narrative for details.
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 7/14/2025 11:37:20 AM

JOB DESCRIPTION

Salty Dog Pipeline

JOB NUMBER

885-27362-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
7/14/2025 11:37:20 AM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Laboratory Job ID: 885-27362-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-27362-1

Job ID: 885-27362-1 Eurofins Albuquerque

Job Narrative
885-27362-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/24/2025 7:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.2°C and 4.3°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): The container labels list a collection time of 13:00, while the COC lists 11:40. Client confirmed collection time of 11:40.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 885-29281 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

HPLC/IC
Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 885-28982 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-27362-1), MW-12 (885-27362-2), MW-13 (885-27362-3), MW-15 (885-27362-4), MW-18 (885-27362-5), MW-27 (885-27362-6), MW-28 (885-27362-7), MW-29 (885-27362-8), MW-31 (885-27362-9), MW-33 (885-27362-11), MW-34 (885-27362-12), MW-35 (885-27362-13) and MW-36 (885-27362-14). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: The following samples were received outside of holding time: MW-31 (885-27362-9), MW-32 (885-27362-10), MW-33 (885-27362-11), MW-34 (885-27362-12), MW-35 (885-27362-13) and MW-36 (885-27362-14).

Method 300_OF_48H_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 885-29201 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-12 (885-27362-2), MW-13 (885-27362-3), MW-15 (885-27362-4), MW-27 (885-27362-6), MW-28 (885-27362-7), MW-29 (885-27362-8), MW-31 (885-27362-9), MW-33 (885-27362-11), MW-34 (885-27362-12), MW-35 (885-27362-13) and MW-36 (885-27362-14). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to inconsistent dilution results of previous run. Note that initial analysis was also performed outside of holding time due to when the samples were received by the wet chemistry department: MW-10 (885-27362-1), MW-12 (885-27362-2), MW-13 (885-27362-3), MW-15 (885-27362-4), MW-18 (885-27362-5), MW-27 (885-27362-6), MW-28 (885-27362-7), MW-29 (885-27362-8), MW-31 (885-27362-9), MW-32 (885-27362-10), MW-33 (885-27362-11), MW-34 (885-27362-12), MW-35 (885-27362-13) and MW-36 (885-27362-14).

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-27362-1),

Case Narrative

Client: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-27362-1

Job ID: 885-27362-1 (Continued) Eurofins Albuquerque

MW-18 (885-27362-5) and MW-34 (885-27362-12). Elevated reporting limits (RLs) are provided. Sample chromatogram overlay with MRL shows likely Cl interference with NO2, reporting NO2 from higher dilution.

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

Metals
Method 200.7 - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-28979 and analytical batch 885-29121 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

General Chemistry
Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: MW-31 (885-27362-9) and (885-27296-A-3 DU). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 2540C_SingleDry: Reanalysis of the following sample was performed outside of the analytical holding time to perform reruns due to invalid initial results: MW-10 (885-27362-1).

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-10

Date Collected: 06/23/25 13:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 13:28	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 13:28	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 13:28	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 13:28	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 13:28	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 13:28	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 13:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 13:28	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 13:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 13:28	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 13:28	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 13:28	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 13:28	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 13:28	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 13:28	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 13:28	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 13:28	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 13:28	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 13:28	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 13:28	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 13:28	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 13:28	1
2-Butanone	ND		10		ug/L			06/30/25 13:28	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 13:28	1
2-Hexanone	ND		10		ug/L			06/30/25 13:28	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 13:28	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 13:28	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 13:28	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 13:28	1
Acetone	ND		10		ug/L			06/30/25 13:28	1
Benzene	ND		1.0		ug/L			06/30/25 13:28	1
Bromobenzene	ND		1.0		ug/L			06/30/25 13:28	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 13:28	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 13:28	1
Bromoform	ND		1.0		ug/L			06/30/25 13:28	1
Bromomethane	ND		3.0		ug/L			06/30/25 13:28	1
Carbon disulfide	ND		10		ug/L			06/30/25 13:28	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 13:28	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 13:28	1
Chloroethane	ND		2.0		ug/L			06/30/25 13:28	1
Chloroform	ND		1.0		ug/L			06/30/25 13:28	1
Chloromethane	ND		3.0		ug/L			06/30/25 13:28	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 13:28	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 13:28	1
Dibromomethane	ND		1.0		ug/L			06/30/25 13:28	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 13:28	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 13:28	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 13:28	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 13:28	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-10
Date Collected: 06/23/25 13:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 13:28	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 13:28	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 13:28	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 13:28	1
Naphthalene	ND		2.0		ug/L			06/30/25 13:28	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 13:28	1
Styrene	ND		1.0		ug/L			06/30/25 13:28	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 13:28	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 13:28	1
Toluene	ND		1.0		ug/L			06/30/25 13:28	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 13:28	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 13:28	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 13:28	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 13:28	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 13:28	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*06/30/25 13:28*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/30/25 13:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/30/25 13:28*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*06/30/25 13:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.3**		1.0		mg/L			06/28/25 13:07	10
Nitrate as N	**1.3**	**H**	1.0		mg/L			06/28/25 13:07	10
Chloride	**2900**		50		mg/L			06/28/25 13:17	100
Nitrite as N	ND	H	10		mg/L			06/28/25 13:17	100
Fluoride	ND		1.0		mg/L			06/28/25 13:07	10
Orthophosphate as P	ND	H	5.0		mg/L			06/28/25 13:07	10
Sulfate	**2100**		50		mg/L			06/28/25 13:17	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**800**		20		mg/L		06/25/25 11:47	06/27/25 13:28	20
Magnesium	**92**		5.0		mg/L		06/25/25 11:47	06/26/25 13:01	5
Potassium	**10**		1.0		mg/L		06/25/25 11:47	06/26/25 12:57	1
Sodium	**1800**		20		mg/L		06/25/25 11:47	06/27/25 13:28	20

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**7400**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**170**		20		mg/L			06/25/25 14:32	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			06/25/25 14:32	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-12

Date Collected: 06/23/25 11:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 14:42	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 14:42	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 14:42	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 14:42	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 14:42	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 14:42	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 14:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 14:42	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 14:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 14:42	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 14:42	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 14:42	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 14:42	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 14:42	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 14:42	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 14:42	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 14:42	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 14:42	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 14:42	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 14:42	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 14:42	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 14:42	1
2-Butanone	ND		10		ug/L			06/30/25 14:42	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 14:42	1
2-Hexanone	ND		10		ug/L			06/30/25 14:42	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 14:42	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 14:42	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 14:42	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 14:42	1
Acetone	ND		10		ug/L			06/30/25 14:42	1
Benzene	ND		1.0		ug/L			06/30/25 14:42	1
Bromobenzene	ND		1.0		ug/L			06/30/25 14:42	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 14:42	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 14:42	1
Bromoform	ND		1.0		ug/L			06/30/25 14:42	1
Bromomethane	ND		3.0		ug/L			06/30/25 14:42	1
Carbon disulfide	ND		10		ug/L			06/30/25 14:42	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 14:42	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 14:42	1
Chloroethane	ND		2.0		ug/L			06/30/25 14:42	1
Chloroform	ND		1.0		ug/L			06/30/25 14:42	1
Chloromethane	ND		3.0		ug/L			06/30/25 14:42	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 14:42	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 14:42	1
Dibromomethane	ND		1.0		ug/L			06/30/25 14:42	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 14:42	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 14:42	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 14:42	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 14:42	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-12
Date Collected: 06/23/25 11:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 14:42	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 14:42	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 14:42	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 14:42	1
Naphthalene	ND		2.0		ug/L			06/30/25 14:42	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 14:42	1
Styrene	ND		1.0		ug/L			06/30/25 14:42	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 14:42	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 14:42	1
Toluene	ND		1.0		ug/L			06/30/25 14:42	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 14:42	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 14:42	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 14:42	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 14:42	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 14:42	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*06/30/25 14:42*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/30/25 14:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/30/25 14:42*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*06/30/25 14:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			06/28/25 14:06	10
Nitrate as N	ND	H	1.0		mg/L			06/28/25 14:06	10
Chloride	**500**		5.0		mg/L			06/28/25 14:06	10
Nitrite as N	ND	H	1.0		mg/L			06/28/25 14:06	10
Fluoride	ND		1.0		mg/L			06/28/25 14:06	10
Orthophosphate as P	ND	H	5.0		mg/L			06/28/25 14:06	10
Sulfate	**1300**		5.0		mg/L			06/28/25 14:06	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**240**		5.0		mg/L		06/25/25 11:47	06/26/25 13:16	5
Magnesium	**36**		1.0		mg/L		06/25/25 11:47	06/26/25 13:04	1
Potassium	**15**		1.0		mg/L		06/25/25 11:47	06/26/25 13:04	1
Sodium	**740**		10		mg/L		06/25/25 11:47	06/27/25 13:39	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2900**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**230**		20		mg/L			06/25/25 13:46	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			06/25/25 13:46	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-13
Date Collected: 06/23/25 12:40
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 15:06	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 15:06	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 15:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 15:06	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 15:06	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 15:06	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 15:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 15:06	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 15:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 15:06	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 15:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 15:06	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 15:06	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:06	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 15:06	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 15:06	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 15:06	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:06	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 15:06	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:06	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 15:06	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 15:06	1
2-Butanone	ND		10		ug/L			06/30/25 15:06	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 15:06	1
2-Hexanone	ND		10		ug/L			06/30/25 15:06	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 15:06	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 15:06	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 15:06	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 15:06	1
Acetone	ND		10		ug/L			06/30/25 15:06	1
Benzene	ND		1.0		ug/L			06/30/25 15:06	1
Bromobenzene	ND		1.0		ug/L			06/30/25 15:06	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 15:06	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 15:06	1
Bromoform	ND		1.0		ug/L			06/30/25 15:06	1
Bromomethane	ND		3.0		ug/L			06/30/25 15:06	1
Carbon disulfide	ND		10		ug/L			06/30/25 15:06	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 15:06	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 15:06	1
Chloroethane	ND		2.0		ug/L			06/30/25 15:06	1
Chloroform	ND		1.0		ug/L			06/30/25 15:06	1
Chloromethane	ND		3.0		ug/L			06/30/25 15:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 15:06	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 15:06	1
Dibromomethane	ND		1.0		ug/L			06/30/25 15:06	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 15:06	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 15:06	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 15:06	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 15:06	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-13
Date Collected: 06/23/25 12:40
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 15:06	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 15:06	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 15:06	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 15:06	1
Naphthalene	ND		2.0		ug/L			06/30/25 15:06	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 15:06	1
Styrene	ND		1.0		ug/L			06/30/25 15:06	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 15:06	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 15:06	1
Toluene	ND		1.0		ug/L			06/30/25 15:06	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 15:06	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 15:06	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 15:06	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 15:06	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 15:06	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*06/30/25 15:06*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*06/30/25 15:06*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*06/30/25 15:06*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*06/30/25 15:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			06/28/25 14:45	100
Nitrate as N	ND	H	10		mg/L			06/28/25 14:45	100
Chloride	**5700**		50		mg/L			06/28/25 14:45	100
Nitrite as N	ND	H	10		mg/L			06/28/25 14:45	100
Fluoride	ND		10		mg/L			06/28/25 14:45	100
Orthophosphate as P	ND	H	50		mg/L			06/28/25 14:45	100
Sulfate	**2000**		50		mg/L			06/28/25 14:45	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1100**		50		mg/L		06/25/25 11:47	06/27/25 13:40	50
Magnesium	**150**		5.0		mg/L		06/25/25 11:47	06/26/25 13:21	5
Potassium	**14**		1.0		mg/L		06/25/25 11:47	06/26/25 13:20	1
Sodium	**2900**		50		mg/L		06/25/25 11:47	06/27/25 13:40	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**13000**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**160**		20		mg/L			06/25/25 15:09	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			06/25/25 15:09	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-15

Date Collected: 06/23/25 15:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 15:31	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 15:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 15:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 15:31	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 15:31	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 15:31	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 15:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 15:31	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 15:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 15:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 15:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 15:31	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 15:31	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:31	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 15:31	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 15:31	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 15:31	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:31	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 15:31	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:31	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 15:31	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 15:31	1
2-Butanone	ND		10		ug/L			06/30/25 15:31	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 15:31	1
2-Hexanone	ND		10		ug/L			06/30/25 15:31	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 15:31	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 15:31	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 15:31	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 15:31	1
Acetone	ND		10		ug/L			06/30/25 15:31	1
Benzene	ND		1.0		ug/L			06/30/25 15:31	1
Bromobenzene	ND		1.0		ug/L			06/30/25 15:31	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 15:31	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 15:31	1
Bromoform	ND		1.0		ug/L			06/30/25 15:31	1
Bromomethane	ND		3.0		ug/L			06/30/25 15:31	1
Carbon disulfide	ND		10		ug/L			06/30/25 15:31	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 15:31	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 15:31	1
Chloroethane	ND		2.0		ug/L			06/30/25 15:31	1
Chloroform	ND		1.0		ug/L			06/30/25 15:31	1
Chloromethane	ND		3.0		ug/L			06/30/25 15:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 15:31	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 15:31	1
Dibromomethane	ND		1.0		ug/L			06/30/25 15:31	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 15:31	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 15:31	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 15:31	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 15:31	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-15

Date Collected: 06/23/25 15:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 15:31	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 15:31	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 15:31	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 15:31	1
Naphthalene	ND		2.0		ug/L			06/30/25 15:31	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 15:31	1
Styrene	ND		1.0		ug/L			06/30/25 15:31	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 15:31	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 15:31	1
Toluene	ND		1.0		ug/L			06/30/25 15:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 15:31	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 15:31	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 15:31	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 15:31	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 15:31	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*06/30/25 15:31*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/30/25 15:31*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/30/25 15:31*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*06/30/25 15:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.3**		1.0		mg/L			06/28/25 15:05	10
Nitrate as N	ND	H	1.0		mg/L			06/28/25 15:05	10
Chloride	**690**		5.0		mg/L			06/28/25 15:05	10
Nitrite as N	ND	H	1.0		mg/L			06/28/25 15:05	10
Fluoride	ND		1.0		mg/L			06/28/25 15:05	10
Orthophosphate as P	ND	H	5.0		mg/L			06/28/25 15:05	10
Sulfate	**2200**		50		mg/L			06/28/25 15:15	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**600**		10		mg/L		06/25/25 11:47	06/27/25 13:42	10
Magnesium	**82**		1.0		mg/L		06/25/25 11:47	06/26/25 13:22	1
Potassium	**8.5**		1.0		mg/L		06/25/25 11:47	06/26/25 13:22	1
Sodium	**750**		10		mg/L		06/25/25 11:47	06/27/25 13:42	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4700**		250		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			06/25/25 13:34	1
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			06/25/25 13:34	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-18

Date Collected: 06/23/25 11:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 15:55	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 15:55	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 15:55	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 15:55	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 15:55	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 15:55	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 15:55	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 15:55	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 15:55	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 15:55	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 15:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 15:55	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 15:55	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:55	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 15:55	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 15:55	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 15:55	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:55	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 15:55	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 15:55	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 15:55	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 15:55	1
2-Butanone	ND		10		ug/L			06/30/25 15:55	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 15:55	1
2-Hexanone	ND		10		ug/L			06/30/25 15:55	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 15:55	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 15:55	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 15:55	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 15:55	1
Acetone	ND		10		ug/L			06/30/25 15:55	1
Benzene	ND		1.0		ug/L			06/30/25 15:55	1
Bromobenzene	ND		1.0		ug/L			06/30/25 15:55	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 15:55	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 15:55	1
Bromoform	ND		1.0		ug/L			06/30/25 15:55	1
Bromomethane	ND		3.0		ug/L			06/30/25 15:55	1
Carbon disulfide	ND		10		ug/L			06/30/25 15:55	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 15:55	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 15:55	1
Chloroethane	ND		2.0		ug/L			06/30/25 15:55	1
Chloroform	ND		1.0		ug/L			06/30/25 15:55	1
Chloromethane	ND		3.0		ug/L			06/30/25 15:55	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 15:55	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 15:55	1
Dibromomethane	ND		1.0		ug/L			06/30/25 15:55	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 15:55	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 15:55	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 15:55	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 15:55	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-18

Date Collected: 06/23/25 11:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 15:55	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 15:55	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 15:55	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 15:55	1
Naphthalene	ND		2.0		ug/L			06/30/25 15:55	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 15:55	1
Styrene	ND		1.0		ug/L			06/30/25 15:55	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 15:55	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 15:55	1
Toluene	ND		1.0		ug/L			06/30/25 15:55	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 15:55	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 15:55	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 15:55	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 15:55	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 15:55	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*06/30/25 15:55*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/30/25 15:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/30/25 15:55*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*06/30/25 15:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.4**		1.0		mg/L			06/28/25 15:44	10
Nitrate as N	**3.4**	**H**	1.0		mg/L			06/28/25 15:44	10
Chloride	**3000**		50		mg/L			06/28/25 15:54	100
Nitrite as N	ND	H	10		mg/L			06/28/25 15:54	100
Fluoride	ND		1.0		mg/L			06/28/25 15:44	10
Orthophosphate as P	ND	H	5.0		mg/L			06/28/25 15:44	10
Sulfate	**2900**		50		mg/L			06/28/25 15:54	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**700**		50		mg/L		06/25/25 11:47	06/27/25 13:43	50
Magnesium	**120**		5.0		mg/L		06/25/25 11:47	06/26/25 13:25	5
Potassium	**13**		1.0		mg/L		06/25/25 11:47	06/26/25 13:24	1
Sodium	**2300**		50		mg/L		06/25/25 11:47	06/27/25 13:43	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9200**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**240**		20		mg/L			06/25/25 14:56	1
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			06/25/25 14:56	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-27
Date Collected: 06/23/25 14:20
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 16:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 16:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 16:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 16:20	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 16:20	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 16:20	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 16:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 16:20	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 16:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 16:20	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 16:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 16:20	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 16:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 16:20	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 16:20	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 16:20	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 16:20	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 16:20	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 16:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 16:20	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 16:20	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 16:20	1
2-Butanone	ND		10		ug/L			06/30/25 16:20	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 16:20	1
2-Hexanone	ND		10		ug/L			06/30/25 16:20	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 16:20	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 16:20	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 16:20	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 16:20	1
Acetone	ND		10		ug/L			06/30/25 16:20	1
Benzene	ND		1.0		ug/L			06/30/25 16:20	1
Bromobenzene	ND		1.0		ug/L			06/30/25 16:20	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 16:20	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 16:20	1
Bromoform	ND		1.0		ug/L			06/30/25 16:20	1
Bromomethane	ND		3.0		ug/L			06/30/25 16:20	1
Carbon disulfide	ND		10		ug/L			06/30/25 16:20	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 16:20	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 16:20	1
Chloroethane	ND		2.0		ug/L			06/30/25 16:20	1
Chloroform	ND		1.0		ug/L			06/30/25 16:20	1
Chloromethane	ND		3.0		ug/L			06/30/25 16:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 16:20	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 16:20	1
Dibromomethane	ND		1.0		ug/L			06/30/25 16:20	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 16:20	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 16:20	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 16:20	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 16:20	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-27

Date Collected: 06/23/25 14:20
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-6

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 16:20	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 16:20	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 16:20	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 16:20	1
Naphthalene	ND		2.0		ug/L			06/30/25 16:20	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 16:20	1
Styrene	ND		1.0		ug/L			06/30/25 16:20	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 16:20	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 16:20	1
Toluene	ND		1.0		ug/L			06/30/25 16:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 16:20	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 16:20	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 16:20	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 16:20	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 16:20	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*		*06/30/25 16:20*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/30/25 16:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/30/25 16:20*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*06/30/25 16:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.3**		1.0		mg/L			06/28/25 16:04	10
Nitrate as N	ND	H	1.0		mg/L			06/28/25 16:04	10
Chloride	**710**		5.0		mg/L			06/28/25 16:04	10
Nitrite as N	ND	H	1.0		mg/L			06/28/25 16:04	10
Fluoride	ND		1.0		mg/L			06/28/25 16:04	10
Orthophosphate as P	ND	H	5.0		mg/L			06/28/25 16:04	10
Sulfate	**2100**		50		mg/L			06/28/25 16:14	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**590**		10		mg/L		06/25/25 11:47	06/27/25 13:44	10
Magnesium	**81**		1.0		mg/L		06/25/25 11:47	06/26/25 13:32	1
Potassium	**12**		1.0		mg/L		06/25/25 11:47	06/26/25 13:32	1
Sodium	**750**		10		mg/L		06/25/25 11:47	06/27/25 13:44	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4500**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			06/25/25 13:19	1
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			06/25/25 13:19	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-28
Date Collected: 06/23/25 10:20
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 16:44	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 16:44	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 16:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 16:44	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 16:44	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 16:44	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 16:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 16:44	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 16:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 16:44	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 16:44	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 16:44	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 16:44	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 16:44	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 16:44	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 16:44	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 16:44	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 16:44	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 16:44	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 16:44	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 16:44	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 16:44	1
2-Butanone	ND		10		ug/L			06/30/25 16:44	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 16:44	1
2-Hexanone	ND		10		ug/L			06/30/25 16:44	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 16:44	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 16:44	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 16:44	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 16:44	1
Acetone	ND		10		ug/L			06/30/25 16:44	1
Benzene	ND		1.0		ug/L			06/30/25 16:44	1
Bromobenzene	ND		1.0		ug/L			06/30/25 16:44	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 16:44	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 16:44	1
Bromoform	ND		1.0		ug/L			06/30/25 16:44	1
Bromomethane	ND		3.0		ug/L			06/30/25 16:44	1
Carbon disulfide	ND		10		ug/L			06/30/25 16:44	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 16:44	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 16:44	1
Chloroethane	ND		2.0		ug/L			06/30/25 16:44	1
Chloroform	ND		1.0		ug/L			06/30/25 16:44	1
Chloromethane	ND		3.0		ug/L			06/30/25 16:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 16:44	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 16:44	1
Dibromomethane	ND		1.0		ug/L			06/30/25 16:44	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 16:44	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 16:44	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 16:44	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 16:44	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-28
Date Collected: 06/23/25 10:20
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 16:44	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 16:44	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 16:44	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 16:44	1
Naphthalene	ND		2.0		ug/L			06/30/25 16:44	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 16:44	1
Styrene	ND		1.0		ug/L			06/30/25 16:44	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 16:44	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 16:44	1
Toluene	ND		1.0		ug/L			06/30/25 16:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 16:44	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 16:44	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 16:44	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 16:44	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 16:44	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*06/30/25 16:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/30/25 16:44*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/30/25 16:44*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*06/30/25 16:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			06/28/25 16:24	100
Nitrate as N	ND	H	10		mg/L			06/28/25 16:24	100
Chloride	**6100**		50		mg/L			06/28/25 16:24	100
Nitrite as N	ND	H	10		mg/L			06/28/25 16:24	100
Fluoride	ND		10		mg/L			06/28/25 16:24	100
Orthophosphate as P	ND	H	50		mg/L			06/28/25 16:24	100
Sulfate	**2000**		50		mg/L			06/28/25 16:24	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1300**		50		mg/L		06/25/25 11:47	06/27/25 13:46	50
Magnesium	**200**		5.0		mg/L		06/25/25 11:47	06/27/25 13:45	5
Potassium	**15**		5.0		mg/L		06/25/25 11:47	06/27/25 13:45	5
Sodium	**3200**		50		mg/L		06/25/25 11:47	06/27/25 13:46	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**15000**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**230**		20		mg/L			06/25/25 15:19	1
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			06/25/25 15:19	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-29

Date Collected: 06/23/25 09:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 17:09	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 17:09	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 17:09	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 17:09	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 17:09	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 17:09	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 17:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 17:09	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 17:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 17:09	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 17:09	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 17:09	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 17:09	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:09	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 17:09	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 17:09	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 17:09	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:09	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 17:09	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:09	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 17:09	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 17:09	1
2-Butanone	ND		10		ug/L			06/30/25 17:09	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 17:09	1
2-Hexanone	ND		10		ug/L			06/30/25 17:09	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 17:09	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 17:09	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 17:09	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 17:09	1
Acetone	ND		10		ug/L			06/30/25 17:09	1
Benzene	ND		1.0		ug/L			06/30/25 17:09	1
Bromobenzene	ND		1.0		ug/L			06/30/25 17:09	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 17:09	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 17:09	1
Bromoform	ND		1.0		ug/L			06/30/25 17:09	1
Bromomethane	ND		3.0		ug/L			06/30/25 17:09	1
Carbon disulfide	ND		10		ug/L			06/30/25 17:09	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 17:09	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 17:09	1
Chloroethane	ND		2.0		ug/L			06/30/25 17:09	1
Chloroform	ND		1.0		ug/L			06/30/25 17:09	1
Chloromethane	ND		3.0		ug/L			06/30/25 17:09	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 17:09	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 17:09	1
Dibromomethane	ND		1.0		ug/L			06/30/25 17:09	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 17:09	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 17:09	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 17:09	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 17:09	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-29

Date Collected: 06/23/25 09:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 17:09	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 17:09	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 17:09	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 17:09	1
Naphthalene	ND		2.0		ug/L			06/30/25 17:09	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 17:09	1
Styrene	ND		1.0		ug/L			06/30/25 17:09	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 17:09	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 17:09	1
Toluene	ND		1.0		ug/L			06/30/25 17:09	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 17:09	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 17:09	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 17:09	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 17:09	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 17:09	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*		*06/30/25 17:09*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/30/25 17:09*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/30/25 17:09*	*1*
Dibromofluoromethane (Surr)	*123*		*70 - 130*		*06/30/25 17:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			06/28/25 16:43	100
Nitrate as N	ND	H	10		mg/L			06/28/25 16:43	100
Chloride	**4000**		50		mg/L			06/28/25 16:43	100
Nitrite as N	ND	H	10		mg/L			06/28/25 16:43	100
Fluoride	ND		10		mg/L			06/28/25 16:43	100
Orthophosphate as P	ND	H	50		mg/L			06/28/25 16:43	100
Sulfate	**2200**		50		mg/L			06/28/25 16:43	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**970**		50		mg/L		06/25/25 11:47	06/27/25 13:49	50
Magnesium	**140**		5.0		mg/L		06/25/25 11:47	06/27/25 13:48	5
Potassium	**12**		5.0		mg/L		06/25/25 11:47	06/27/25 13:48	5
Sodium	**2400**		50		mg/L		06/25/25 11:47	06/27/25 13:49	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9900**		500		mg/L			06/29/25 11:07	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			06/25/25 15:32	1
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			06/25/25 15:32	1

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-31

Date Collected: 06/20/25 14:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 17:33	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 17:33	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 17:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 17:33	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 17:33	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 17:33	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 17:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 17:33	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 17:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 17:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 17:33	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 17:33	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 17:33	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:33	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 17:33	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 17:33	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 17:33	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:33	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 17:33	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:33	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 17:33	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 17:33	1
2-Butanone	ND		10		ug/L			06/30/25 17:33	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 17:33	1
2-Hexanone	ND		10		ug/L			06/30/25 17:33	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 17:33	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 17:33	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 17:33	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 17:33	1
Acetone	ND		10		ug/L			06/30/25 17:33	1
Benzene	ND		1.0		ug/L			06/30/25 17:33	1
Bromobenzene	ND		1.0		ug/L			06/30/25 17:33	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 17:33	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 17:33	1
Bromoform	ND		1.0		ug/L			06/30/25 17:33	1
Bromomethane	ND		3.0		ug/L			06/30/25 17:33	1
Carbon disulfide	ND		10		ug/L			06/30/25 17:33	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 17:33	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 17:33	1
Chloroethane	ND		2.0		ug/L			06/30/25 17:33	1
Chloroform	ND		1.0		ug/L			06/30/25 17:33	1
Chloromethane	ND		3.0		ug/L			06/30/25 17:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 17:33	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 17:33	1
Dibromomethane	ND		1.0		ug/L			06/30/25 17:33	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 17:33	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 17:33	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 17:33	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 17:33	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-31

Date Collected: 06/20/25 14:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 17:33	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 17:33	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 17:33	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 17:33	1
Naphthalene	ND		2.0		ug/L			06/30/25 17:33	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 17:33	1
Styrene	ND		1.0		ug/L			06/30/25 17:33	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 17:33	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 17:33	1
Toluene	ND		1.0		ug/L			06/30/25 17:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 17:33	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 17:33	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 17:33	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 17:33	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 17:33	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*06/30/25 17:33*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/30/25 17:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*06/30/25 17:33*	*1*
Dibromofluoromethane (Surr)	*117*		*70 - 130*		*06/30/25 17:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.0**		1.0		mg/L			06/28/25 17:03	10
Nitrate as N	ND	H H3	1.0		mg/L			06/28/25 17:03	10
Chloride	**510**		5.0		mg/L			06/28/25 17:03	10
Nitrite as N	ND	H H3	1.0		mg/L			06/28/25 17:03	10
Fluoride	ND		1.0		mg/L			06/28/25 17:03	10
Orthophosphate as P	ND	H H3	5.0		mg/L			06/28/25 17:03	10
Sulfate	**2000**		5.0		mg/L			06/28/25 17:03	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**590**		10		mg/L		06/25/25 11:47	06/27/25 13:50	10
Magnesium	**83**		1.0		mg/L		06/25/25 11:47	06/26/25 13:41	1
Potassium	**7.4**		1.0		mg/L		06/25/25 11:47	06/26/25 13:41	1
Sodium	**620**		10		mg/L		06/25/25 11:47	06/27/25 13:50	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4100**	**E**	100		mg/L			06/27/25 14:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			06/25/25 13:07	1
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			06/25/25 13:07	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-32

Date Collected: 06/20/25 10:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-10

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 17:58	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 17:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 17:58	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 17:58	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 17:58	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 17:58	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 17:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 17:58	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 17:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 17:58	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 17:58	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 17:58	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 17:58	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:58	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 17:58	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 17:58	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 17:58	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:58	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 17:58	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 17:58	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 17:58	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 17:58	1
2-Butanone	ND		10		ug/L			06/30/25 17:58	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 17:58	1
2-Hexanone	ND		10		ug/L			06/30/25 17:58	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 17:58	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 17:58	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 17:58	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 17:58	1
Acetone	ND		10		ug/L			06/30/25 17:58	1
Benzene	ND		1.0		ug/L			06/30/25 17:58	1
Bromobenzene	ND		1.0		ug/L			06/30/25 17:58	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 17:58	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 17:58	1
Bromoform	ND		1.0		ug/L			06/30/25 17:58	1
Bromomethane	ND		3.0		ug/L			06/30/25 17:58	1
Carbon disulfide	ND		10		ug/L			06/30/25 17:58	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 17:58	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 17:58	1
Chloroethane	ND		2.0		ug/L			06/30/25 17:58	1
Chloroform	ND		1.0		ug/L			06/30/25 17:58	1
Chloromethane	ND		3.0		ug/L			06/30/25 17:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 17:58	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 17:58	1
Dibromomethane	ND		1.0		ug/L			06/30/25 17:58	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 17:58	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 17:58	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 17:58	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 17:58	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-32
Date Collected: 06/20/25 10:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 17:58	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 17:58	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 17:58	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 17:58	1
Naphthalene	ND		2.0		ug/L			06/30/25 17:58	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 17:58	1
Styrene	ND		1.0		ug/L			06/30/25 17:58	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 17:58	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 17:58	1
Toluene	ND		1.0		ug/L			06/30/25 17:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 17:58	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 17:58	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 17:58	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 17:58	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 17:58	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*06/30/25 17:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/30/25 17:58*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/30/25 17:58*	*1*
Dibromofluoromethane (Surr)	*118*		*70 - 130*		*06/30/25 17:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.4**		1.0		mg/L			06/28/25 18:22	10
Nitrate as N	**2.1**	**H H3**	1.0		mg/L			06/28/25 18:22	10
Chloride	**1400**		50		mg/L			06/28/25 18:51	100
Nitrite as N	ND	H H3	1.0		mg/L			06/28/25 18:22	10
Fluoride	**1.1**		1.0		mg/L			06/28/25 18:22	10
Orthophosphate as P	ND	H H3	5.0		mg/L			06/28/25 18:22	10
Sulfate	**3300**		50		mg/L			06/28/25 18:51	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**520**		20		mg/L		06/25/25 11:47	06/27/25 13:56	20
Magnesium	**99**		1.0		mg/L		06/25/25 11:47	06/26/25 13:44	1
Potassium	**7.7**		1.0		mg/L		06/25/25 11:47	06/26/25 13:44	1
Sodium	**1900**		20		mg/L		06/25/25 11:47	06/27/25 13:56	20

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**14000**		500		mg/L			06/27/25 14:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**240**		20		mg/L			06/25/25 14:20	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			06/25/25 14:20	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-33
Date Collected: 06/20/25 14:00
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 18:22	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 18:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 18:22	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 18:22	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 18:22	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 18:22	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 18:22	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 18:22	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 18:22	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 18:22	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 18:22	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 18:22	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 18:22	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 18:22	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 18:22	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 18:22	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 18:22	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 18:22	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 18:22	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 18:22	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 18:22	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 18:22	1
2-Butanone	ND		10		ug/L			06/30/25 18:22	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 18:22	1
2-Hexanone	ND		10		ug/L			06/30/25 18:22	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 18:22	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 18:22	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 18:22	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 18:22	1
Acetone	ND		10		ug/L			06/30/25 18:22	1
Benzene	ND		1.0		ug/L			06/30/25 18:22	1
Bromobenzene	ND		1.0		ug/L			06/30/25 18:22	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 18:22	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 18:22	1
Bromoform	ND		1.0		ug/L			06/30/25 18:22	1
Bromomethane	ND		3.0		ug/L			06/30/25 18:22	1
Carbon disulfide	ND		10		ug/L			06/30/25 18:22	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 18:22	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 18:22	1
Chloroethane	ND		2.0		ug/L			06/30/25 18:22	1
Chloroform	ND		1.0		ug/L			06/30/25 18:22	1
Chloromethane	ND		3.0		ug/L			06/30/25 18:22	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 18:22	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 18:22	1
Dibromomethane	ND		1.0		ug/L			06/30/25 18:22	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 18:22	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 18:22	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 18:22	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 18:22	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-33
Date Collected: 06/20/25 14:00
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 18:22	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 18:22	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 18:22	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 18:22	1
Naphthalene	ND		2.0		ug/L			06/30/25 18:22	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 18:22	1
Styrene	ND		1.0		ug/L			06/30/25 18:22	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 18:22	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 18:22	1
Toluene	ND		1.0		ug/L			06/30/25 18:22	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 18:22	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 18:22	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 18:22	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 18:22	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 18:22	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*06/30/25 18:22*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/30/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/30/25 18:22*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*		*06/30/25 18:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.5**		1.0		mg/L			06/28/25 19:01	10
Nitrate as N	ND	H H3	1.0		mg/L			06/28/25 19:01	10
Chloride	**790**		5.0		mg/L			06/28/25 19:01	10
Nitrite as N	ND	H H3	1.0		mg/L			06/28/25 19:01	10
Fluoride	ND		1.0		mg/L			06/28/25 19:01	10
Orthophosphate as P	ND	H H3	5.0		mg/L			06/28/25 19:01	10
Sulfate	**2200**		50		mg/L			06/28/25 19:11	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**720**		20		mg/L		06/25/25 11:47	06/27/25 13:57	20
Magnesium	**110**		5.0		mg/L		06/25/25 11:47	06/26/25 13:52	5
Potassium	**20**		1.0		mg/L		06/25/25 11:47	06/26/25 13:51	1
Sodium	**890**		20		mg/L		06/25/25 11:47	06/27/25 13:57	20

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4000**		500		mg/L			06/27/25 14:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**330**		20		mg/L			06/25/25 14:04	1
pH (SM 4500 H+ B)	**7.2**	**HF**	0.1		SU			06/25/25 14:04	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-34
Date Collected: 06/20/25 13:00
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 18:47	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 18:47	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 18:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 18:47	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 18:47	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 18:47	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 18:47	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 18:47	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 18:47	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 18:47	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 18:47	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 18:47	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 18:47	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 18:47	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 18:47	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 18:47	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 18:47	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 18:47	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 18:47	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 18:47	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 18:47	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 18:47	1
2-Butanone	ND		10		ug/L			06/30/25 18:47	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 18:47	1
2-Hexanone	ND		10		ug/L			06/30/25 18:47	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 18:47	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 18:47	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 18:47	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 18:47	1
Acetone	ND		10		ug/L			06/30/25 18:47	1
Benzene	ND		1.0		ug/L			06/30/25 18:47	1
Bromobenzene	ND		1.0		ug/L			06/30/25 18:47	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 18:47	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 18:47	1
Bromoform	ND		1.0		ug/L			06/30/25 18:47	1
Bromomethane	ND		3.0		ug/L			06/30/25 18:47	1
Carbon disulfide	ND		10		ug/L			06/30/25 18:47	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 18:47	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 18:47	1
Chloroethane	ND		2.0		ug/L			06/30/25 18:47	1
Chloroform	ND		1.0		ug/L			06/30/25 18:47	1
Chloromethane	ND		3.0		ug/L			06/30/25 18:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 18:47	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 18:47	1
Dibromomethane	ND		1.0		ug/L			06/30/25 18:47	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 18:47	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 18:47	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 18:47	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 18:47	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-34
Date Collected: 06/20/25 13:00
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 18:47	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 18:47	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 18:47	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 18:47	1
Naphthalene	ND		2.0		ug/L			06/30/25 18:47	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 18:47	1
Styrene	ND		1.0		ug/L			06/30/25 18:47	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 18:47	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 18:47	1
Toluene	ND		1.0		ug/L			06/30/25 18:47	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 18:47	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 18:47	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 18:47	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 18:47	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 18:47	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*06/30/25 18:47*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*06/30/25 18:47*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*06/30/25 18:47*	*1*
Dibromofluoromethane (Surr)	*117*		*70 - 130*		*06/30/25 18:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.3**		1.0		mg/L			06/28/25 19:40	10
Nitrate as N	ND	H H3	1.0		mg/L			06/28/25 19:40	10
Chloride	**2700**		50		mg/L			06/28/25 19:50	100
Nitrite as N	ND	H H3	10		mg/L			06/28/25 19:50	100
Fluoride	ND		1.0		mg/L			06/28/25 19:40	10
Orthophosphate as P	ND	H H3	5.0		mg/L			06/28/25 19:40	10
Sulfate	**2900**		50		mg/L			06/28/25 19:50	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**660**		50		mg/L		06/25/25 11:47	06/27/25 13:58	50
Magnesium	**69**		1.0		mg/L		06/25/25 11:47	06/26/25 13:53	1
Potassium	**9.7**		1.0		mg/L		06/25/25 11:47	06/26/25 13:53	1
Sodium	**2200**		50		mg/L		06/25/25 11:47	06/27/25 13:58	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8100**		500		mg/L			06/27/25 14:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**230**		20		mg/L			06/25/25 14:43	1
pH (SM 4500 H+ B)	**7.2**	**HF**	0.1		SU			06/25/25 14:43	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-35

Date Collected: 06/20/25 11:40
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-13

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 19:11	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 19:11	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 19:11	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 19:11	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 19:11	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 19:11	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 19:11	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 19:11	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 19:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 19:11	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 19:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 19:11	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 19:11	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 19:11	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 19:11	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 19:11	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 19:11	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 19:11	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 19:11	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 19:11	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 19:11	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 19:11	1
2-Butanone	ND		10		ug/L			06/30/25 19:11	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 19:11	1
2-Hexanone	ND		10		ug/L			06/30/25 19:11	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 19:11	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 19:11	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 19:11	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 19:11	1
Acetone	ND		10		ug/L			06/30/25 19:11	1
Benzene	ND		1.0		ug/L			06/30/25 19:11	1
Bromobenzene	ND		1.0		ug/L			06/30/25 19:11	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 19:11	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 19:11	1
Bromoform	ND		1.0		ug/L			06/30/25 19:11	1
Bromomethane	ND		3.0		ug/L			06/30/25 19:11	1
Carbon disulfide	ND		10		ug/L			06/30/25 19:11	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 19:11	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 19:11	1
Chloroethane	ND		2.0		ug/L			06/30/25 19:11	1
Chloroform	ND		1.0		ug/L			06/30/25 19:11	1
Chloromethane	ND		3.0		ug/L			06/30/25 19:11	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 19:11	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 19:11	1
Dibromomethane	ND		1.0		ug/L			06/30/25 19:11	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 19:11	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 19:11	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 19:11	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 19:11	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-35
Date Collected: 06/20/25 11:40
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-13
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 19:11	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 19:11	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 19:11	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 19:11	1
Naphthalene	ND		2.0		ug/L			06/30/25 19:11	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 19:11	1
Styrene	ND		1.0		ug/L			06/30/25 19:11	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 19:11	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 19:11	1
Toluene	ND		1.0		ug/L			06/30/25 19:11	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 19:11	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 19:11	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 19:11	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 19:11	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 19:11	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*06/30/25 19:11*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*06/30/25 19:11*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*06/30/25 19:11*	*1*
Dibromofluoromethane (Surr)	*122*		*70 - 130*		*06/30/25 19:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			06/28/25 20:00	10
Nitrate as N	ND	H H3	1.0		mg/L			06/28/25 20:00	10
Chloride	**70**		5.0		mg/L			06/28/25 20:00	10
Nitrite as N	ND	H H3	1.0		mg/L			06/28/25 20:00	10
Fluoride	**3.5**		1.0		mg/L			06/28/25 20:00	10
Orthophosphate as P	ND	H H3	5.0		mg/L			06/28/25 20:00	10
Sulfate	**880**		5.0		mg/L			06/28/25 20:00	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**20**		1.0		mg/L		06/25/25 11:47	06/26/25 13:56	1
Magnesium	**4.1**		1.0		mg/L		06/25/25 11:47	06/26/25 13:56	1
Potassium	**2.8**		1.0		mg/L		06/25/25 11:47	06/26/25 13:56	1
Sodium	**660**		10		mg/L		06/25/25 11:47	06/27/25 13:59	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1800**		100		mg/L			06/27/25 14:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**450**		20		mg/L			06/25/25 12:49	1
pH (SM 4500 H+ B)	**8.1**	**HF**	0.1		SU			06/25/25 12:49	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-36
Date Collected: 06/20/25 09:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-14
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 19:36	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 19:36	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 19:36	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 19:36	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 19:36	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 19:36	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 19:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 19:36	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 19:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 19:36	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 19:36	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 19:36	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 19:36	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 19:36	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 19:36	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 19:36	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 19:36	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 19:36	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 19:36	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 19:36	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 19:36	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 19:36	1
2-Butanone	ND		10		ug/L			06/30/25 19:36	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 19:36	1
2-Hexanone	ND		10		ug/L			06/30/25 19:36	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 19:36	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 19:36	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 19:36	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 19:36	1
Acetone	ND		10		ug/L			06/30/25 19:36	1
Benzene	ND		1.0		ug/L			06/30/25 19:36	1
Bromobenzene	ND		1.0		ug/L			06/30/25 19:36	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 19:36	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 19:36	1
Bromoform	ND		1.0		ug/L			06/30/25 19:36	1
Bromomethane	ND		3.0		ug/L			06/30/25 19:36	1
Carbon disulfide	ND		10		ug/L			06/30/25 19:36	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 19:36	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 19:36	1
Chloroethane	ND		2.0		ug/L			06/30/25 19:36	1
Chloroform	ND		1.0		ug/L			06/30/25 19:36	1
Chloromethane	ND		3.0		ug/L			06/30/25 19:36	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 19:36	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 19:36	1
Dibromomethane	ND		1.0		ug/L			06/30/25 19:36	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 19:36	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 19:36	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 19:36	1
Isopropylbenzene	ND		1.0		ug/L			06/30/25 19:36	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-36
Date Collected: 06/20/25 09:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-14
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 19:36	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 19:36	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 19:36	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 19:36	1
Naphthalene	ND		2.0		ug/L			06/30/25 19:36	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 19:36	1
Styrene	ND		1.0		ug/L			06/30/25 19:36	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 19:36	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 19:36	1
Toluene	ND		1.0		ug/L			06/30/25 19:36	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 19:36	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 19:36	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 19:36	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 19:36	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 19:36	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*06/30/25 19:36*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*06/30/25 19:36*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*06/30/25 19:36*	*1*
Dibromofluoromethane (Surr)	*115*		*70 - 130*		*06/30/25 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			06/28/25 20:20	10
Nitrate as N	ND	H H3	1.0		mg/L			06/28/25 20:20	10
Chloride	**48**		5.0		mg/L			06/28/25 20:20	10
Nitrite as N	ND	H H3	1.0		mg/L			06/28/25 20:20	10
Fluoride	**3.0**		1.0		mg/L			06/28/25 20:20	10
Orthophosphate as P	ND	H H3	5.0		mg/L			06/28/25 20:20	10
Sulfate	**1200**		5.0		mg/L			06/28/25 20:20	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**61**		1.0		mg/L		06/25/25 11:47	06/26/25 13:58	1
Magnesium	**8.5**		1.0		mg/L		06/25/25 11:47	06/26/25 13:58	1
Potassium	**3.3**		1.0		mg/L		06/25/25 11:47	06/26/25 13:58	1
Sodium	**570**		10		mg/L		06/25/25 11:47	06/27/25 14:00	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1900**		100		mg/L			06/27/25 14:43	1
Total Alkalinity as CaCO3 (SM 2320B)	**150**		20		mg/L			06/25/25 12:39	1
pH (SM 4500 H+ B)	**8.1**	**HF**	0.1		SU			06/25/25 12:39	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-29281/6
Matrix: Water
Analysis Batch: 29281

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/30/25 12:14	1
1,1,1-Trichloroethane	ND		1.0		ug/L			06/30/25 12:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			06/30/25 12:14	1
1,1,2-Trichloroethane	ND		1.0		ug/L			06/30/25 12:14	1
1,1-Dichloroethane	ND		1.0		ug/L			06/30/25 12:14	1
1,1-Dichloroethene	ND		1.0		ug/L			06/30/25 12:14	1
1,1-Dichloropropene	ND		1.0		ug/L			06/30/25 12:14	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/30/25 12:14	1
1,2,3-Trichloropropane	ND		2.0		ug/L			06/30/25 12:14	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/30/25 12:14	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/30/25 12:14	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			06/30/25 12:14	1
1,2-Dichlorobenzene	ND		1.0		ug/L			06/30/25 12:14	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			06/30/25 12:14	1
1,2-Dichloropropane	ND		1.0		ug/L			06/30/25 12:14	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
1,3-Dichlorobenzene	ND		1.0		ug/L			06/30/25 12:14	1
1,3-Dichloropropane	ND		1.0		ug/L			06/30/25 12:14	1
1,4-Dichlorobenzene	ND		1.0		ug/L			06/30/25 12:14	1
1-Methylnaphthalene	ND		4.0		ug/L			06/30/25 12:14	1
2,2-Dichloropropane	ND		2.0		ug/L			06/30/25 12:14	1
2-Butanone	ND		10		ug/L			06/30/25 12:14	1
2-Chlorotoluene	ND		1.0		ug/L			06/30/25 12:14	1
2-Hexanone	ND		10		ug/L			06/30/25 12:14	1
2-Methylnaphthalene	ND		4.0		ug/L			06/30/25 12:14	1
4-Chlorotoluene	ND		1.0		ug/L			06/30/25 12:14	1
4-Isopropyltoluene	ND		1.0		ug/L			06/30/25 12:14	1
4-Methyl-2-pentanone	ND		10		ug/L			06/30/25 12:14	1
Acetone	ND		10		ug/L			06/30/25 12:14	1
Benzene	ND		1.0		ug/L			06/30/25 12:14	1
Bromobenzene	ND		1.0		ug/L			06/30/25 12:14	1
Bromodichloromethane	ND		1.0		ug/L			06/30/25 12:14	1
Dibromochloromethane	ND		1.0		ug/L			06/30/25 12:14	1
Bromoform	ND		1.0		ug/L			06/30/25 12:14	1
Bromomethane	ND		3.0		ug/L			06/30/25 12:14	1
Carbon disulfide	ND		10		ug/L			06/30/25 12:14	1
Carbon tetrachloride	ND		1.0		ug/L			06/30/25 12:14	1
Chlorobenzene	ND		1.0		ug/L			06/30/25 12:14	1
Chloroethane	ND		2.0		ug/L			06/30/25 12:14	1
Chloroform	ND		1.0		ug/L			06/30/25 12:14	1
Chloromethane	ND		3.0		ug/L			06/30/25 12:14	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 12:14	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 12:14	1
Dibromomethane	ND		1.0		ug/L			06/30/25 12:14	1
Dichlorodifluoromethane	ND		1.0		ug/L			06/30/25 12:14	1
Ethylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
Hexachlorobutadiene	ND		1.0		ug/L			06/30/25 12:14	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-29281/6
Matrix: Water
Analysis Batch: 29281

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			06/30/25 12:14	1
Methylene Chloride	ND		2.5		ug/L			06/30/25 12:14	1
n-Butylbenzene	ND		3.0		ug/L			06/30/25 12:14	1
N-Propylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
Naphthalene	ND		2.0		ug/L			06/30/25 12:14	1
sec-Butylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
Styrene	ND		1.0		ug/L			06/30/25 12:14	1
tert-Butylbenzene	ND		1.0		ug/L			06/30/25 12:14	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			06/30/25 12:14	1
Toluene	ND		1.0		ug/L			06/30/25 12:14	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/30/25 12:14	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/30/25 12:14	1
Trichloroethene (TCE)	ND		1.0		ug/L			06/30/25 12:14	1
Trichlorofluoromethane	ND		1.0		ug/L			06/30/25 12:14	1
Vinyl chloride	ND		1.0		ug/L			06/30/25 12:14	1
Xylenes, Total	ND		1.5		ug/L			06/30/25 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*06/30/25 12:14*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*06/30/25 12:14*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*06/30/25 12:14*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*06/30/25 12:14*	*1*

Lab Sample ID: LCS 885-29281/5
Matrix: Water
Analysis Batch: 29281

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.7		ug/L		88	70 - 130		
Benzene			20.0	19.2		ug/L		96	70 - 130		
Chlorobenzene			20.0	21.1		ug/L		106	70 - 130		
Toluene			20.0	20.0		ug/L		100	70 - 130		
Trichloroethene (TCE)			20.0	18.9		ug/L		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 29281

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND		20.0	19.2		ug/L		96	70 - 130		
Benzene	ND		20.0	21.5		ug/L		108	70 - 130		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 29281

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	22.1		ug/L		110	70 - 130
Toluene	ND		20.0	20.4		ug/L		101	70 - 130
Trichloroethene (TCE)	ND		20.0	20.6		ug/L		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*112*		*70 - 130*

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 29281

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		20.0	18.7		ug/L		93	70 - 130	3	20
Benzene	ND		20.0	20.2		ug/L		101	70 - 130	6	20
Chlorobenzene	ND		20.0	21.9		ug/L		110	70 - 130	1	20
Toluene	ND		20.0	20.3		ug/L		100	70 - 130	1	20
Trichloroethene (TCE)	ND		20.0	19.1		ug/L		95	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28982/4
Matrix: Water
Analysis Batch: 28982

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10		mg/L			06/26/25 08:28	1
Chloride	ND		0.50		mg/L			06/26/25 08:28	1
Fluoride	ND		0.10		mg/L			06/26/25 08:28	1
Sulfate	ND		0.50		mg/L			06/26/25 08:28	1

Lab Sample ID: LCS 885-28982/5
Matrix: Water
Analysis Batch: 28982

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide			2.50	2.50		mg/L		100	90 - 110
Chloride			5.00	5.18		mg/L		104	90 - 110
Fluoride			0.500	0.513		mg/L		103	90 - 110
Sulfate			10.0	10.1		mg/L		101	90 - 110

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-28982/3
Matrix: Water
Analysis Batch: 28982

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			0.100	0.105		mg/L		105	50 - 150		
Chloride			0.500	0.529		mg/L		106	50 - 150		
Fluoride			0.100	0.100		mg/L		100	50 - 150		
Sulfate			0.500	0.518		mg/L		104	50 - 150		

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 28982

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	6.8		25.0	27.2		mg/L		82	80 - 120		
Fluoride	ND		5.00	4.78		mg/L		76	70 - 130		

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 28982

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	6.8		25.0	27.8		mg/L		84	80 - 120	2	20
Fluoride	ND		5.00	4.90		mg/L		79	70 - 130	3	20

Lab Sample ID: 885-27362-14 MS
Matrix: Water
Analysis Batch: 28982

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	ND		25.0	24.5		mg/L		98	80 - 120		

Lab Sample ID: MB 885-28983/4
Matrix: Water
Analysis Batch: 28983

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			06/26/25 08:28	1
Nitrite as N	ND		0.10		mg/L			06/26/25 08:28	1
Orthophosphate as P	ND		0.50		mg/L			06/26/25 08:28	1

Lab Sample ID: LCS 885-28983/5
Matrix: Water
Analysis Batch: 28983

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.50	2.64		mg/L		106	90 - 110		
Nitrite as N			1.00	0.980		mg/L		98	90 - 110		
Orthophosphate as P			5.00	4.82		mg/L		96	90 - 110		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-28983/3
Matrix: Water
Analysis Batch: 28983

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.0988	J	mg/L		99	50 - 150		
Nitrite as N			0.100	0.0923	J	mg/L		92	50 - 150		
Orthophosphate as P			0.500	0.456	J	mg/L		91	50 - 150		

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 28983

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	2.5	H	25.0	26.7		mg/L		97	80 - 120		
Orthophosphate as P	ND	H	50.0	47.6		mg/L		95	80 - 120		

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 28983

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.5	H	25.0	27.1		mg/L		98	80 - 120	1	20
Orthophosphate as P	ND	H	50.0	49.2		mg/L		98	80 - 120	3	20

Lab Sample ID: 885-27362-14 MS
Matrix: Water
Analysis Batch: 28983

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	ND	H H3	25.0	25.8		mg/L		103	80 - 120		
Nitrite as N	ND	H H3	10.0	9.43		mg/L		94	80 - 120		
Orthophosphate as P	ND	H H3	50.0	48.3		mg/L		97	80 - 120		

Lab Sample ID: 885-27362-14 MSD
Matrix: Water
Analysis Batch: 28983

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND	H H3	25.0	25.6		mg/L		102	80 - 120	1	20
Nitrite as N	ND	H H3	10.0	9.38		mg/L		94	80 - 120	0	20
Orthophosphate as P	ND	H H3	50.0	48.5		mg/L		97	80 - 120	0	20

Lab Sample ID: MB 885-29200/4
Matrix: Water
Analysis Batch: 29200

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10		mg/L			06/28/25 08:11	1
Chloride	ND		0.50		mg/L			06/28/25 08:11	1
Fluoride	ND		0.10		mg/L			06/28/25 08:11	1
Sulfate	ND		0.50		mg/L			06/28/25 08:11	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-29200/64
Matrix: Water
Analysis Batch: 29200

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10		mg/L			06/28/25 18:02	1
Chloride	ND		0.50		mg/L			06/28/25 18:02	1
Fluoride	ND		0.10		mg/L			06/28/25 18:02	1
Sulfate	ND		0.50		mg/L			06/28/25 18:02	1

Lab Sample ID: LCS 885-29200/5
Matrix: Water
Analysis Batch: 29200

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			2.50	2.37		mg/L		95	90 - 110		
Chloride			5.00	4.85		mg/L		97	90 - 110		
Fluoride			0.500	0.478		mg/L		96	90 - 110		
Sulfate			10.0	9.44		mg/L		94	90 - 110		

Lab Sample ID: LCS 885-29200/65
Matrix: Water
Analysis Batch: 29200

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			2.50	2.40		mg/L		96	90 - 110		
Chloride			5.00	4.91		mg/L		98	90 - 110		
Fluoride			0.500	0.487		mg/L		97	90 - 110		
Sulfate			10.0	9.52		mg/L		95	90 - 110		

Lab Sample ID: MRL 885-29200/3
Matrix: Water
Analysis Batch: 29200

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			0.100	0.0937	J	mg/L		94	50 - 150		
Chloride			0.500	0.514		mg/L		103	50 - 150		
Fluoride			0.100	0.0936	J	mg/L		94	50 - 150		
Sulfate			0.500	0.490	J	mg/L		98	50 - 150		

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 29200

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	3.3		25.0	26.5		mg/L		93	80 - 120		
Fluoride	ND		5.00	5.14		mg/L		89	70 - 130		

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 29200

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	3.3		25.0	26.9		mg/L		94	80 - 120	1	20
Fluoride	ND		5.00	5.17		mg/L		90	70 - 130	0	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-27362-2 MS
Matrix: Water
Analysis Batch: 29200

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	ND		25.0	24.5		mg/L		98	80 - 120		
Fluoride	ND		5.00	5.00		mg/L		100	70 - 130		

Lab Sample ID: 885-27362-2 MSD
Matrix: Water
Analysis Batch: 29200

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	ND		25.0	24.2		mg/L		97	80 - 120	1	20
Fluoride	ND		5.00	4.98		mg/L		100	70 - 130	0	20

Lab Sample ID: 885-27362-10 MS
Matrix: Water
Analysis Batch: 29200

Client Sample ID: MW-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	1.4		25.0	25.1		mg/L		95	80 - 120		
Fluoride	1.1		5.00	5.58		mg/L		89	70 - 130		

Lab Sample ID: 885-27362-10 MSD
Matrix: Water
Analysis Batch: 29200

Client Sample ID: MW-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	1.4		25.0	25.1		mg/L		95	80 - 120	0	20
Fluoride	1.1		5.00	5.56		mg/L		89	70 - 130	0	20

Lab Sample ID: MB 885-29201/4
Matrix: Water
Analysis Batch: 29201

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			06/28/25 08:11	1
Nitrite as N	ND		0.10		mg/L			06/28/25 08:11	1
Orthophosphate as P	ND		0.50		mg/L			06/28/25 08:11	1

Lab Sample ID: MB 885-29201/64
Matrix: Water
Analysis Batch: 29201

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			06/28/25 18:02	1
Nitrite as N	ND		0.10		mg/L			06/28/25 18:02	1
Orthophosphate as P	ND		0.50		mg/L			06/28/25 18:02	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-29201/5
Matrix: Water
Analysis Batch: 29201

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.54		mg/L		102	90 - 110
Nitrite as N	1.00	0.922		mg/L		92	90 - 110
Orthophosphate as P	5.00	4.58		mg/L		92	90 - 110

Lab Sample ID: LCS 885-29201/65
Matrix: Water
Analysis Batch: 29201

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.57		mg/L		103	90 - 110
Nitrite as N	1.00	0.935		mg/L		93	90 - 110
Orthophosphate as P	5.00	4.67		mg/L		93	90 - 110

Lab Sample ID: MRL 885-29201/3
Matrix: Water
Analysis Batch: 29201

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.0903	J	mg/L		90	50 - 150
Nitrite as N	0.100	0.0828	J	mg/L		83	50 - 150
Orthophosphate as P	0.500	0.506		mg/L		101	50 - 150

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 29201

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	1.3	H	25.0	26.5		mg/L		101	80 - 120
Orthophosphate as P	ND	H	50.0	45.3		mg/L		91	80 - 120

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 29201

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	1.3	H	25.0	26.7		mg/L		102	80 - 120	1	20
Nitrite as N	ND	H F1	10.0	7.96		mg/L		80	80 - 120	1	20
Orthophosphate as P	ND	H	50.0	45.8		mg/L		92	80 - 120	1	20

Lab Sample ID: 885-27362-2 MS
Matrix: Water
Analysis Batch: 29201

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND	H	25.0	25.5		mg/L		102	80 - 120
Nitrite as N	ND	H	10.0	8.82		mg/L		88	80 - 120
Orthophosphate as P	ND	H	50.0	46.3		mg/L		93	80 - 120

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-27362-2 MSD
Matrix: Water
Analysis Batch: 29201

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND	H	25.0	25.3		mg/L		101	80 - 120	1	20
Nitrite as N	ND	H	10.0	8.76		mg/L		88	80 - 120	1	20
Orthophosphate as P	ND	H	50.0	46.1		mg/L		92	80 - 120	0	20

Lab Sample ID: 885-27362-10 MS
Matrix: Water
Analysis Batch: 29201

Client Sample ID: MW-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.1	H H3	25.0	27.5		mg/L		102	80 - 120
Nitrite as N	ND	H H3	10.0	8.37		mg/L		84	80 - 120
Orthophosphate as P	ND	H H3	50.0	47.5		mg/L		95	80 - 120

Lab Sample ID: 885-27362-10 MSD
Matrix: Water
Analysis Batch: 29201

Client Sample ID: MW-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.1	H H3	25.0	27.5		mg/L		102	80 - 120	0	20
Nitrite as N	ND	H H3	10.0	8.26		mg/L		83	80 - 120	1	20
Orthophosphate as P	ND	H H3	50.0	47.7		mg/L		95	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-29121/13
Matrix: Water
Analysis Batch: 29121

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.521	J	mg/L		104	50 - 150
Magnesium	0.500	0.515	J	mg/L		103	50 - 150
Potassium	0.500	0.481	J	mg/L		96	50 - 150
Sodium	0.500	0.524	J	mg/L		105	50 - 150

Lab Sample ID: MRL 885-29191/14
Matrix: Water
Analysis Batch: 29191

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.502	J	mg/L		100	50 - 150
Magnesium	0.500	0.499	J	mg/L		100	50 - 150
Potassium	0.500	0.498	J	mg/L		100	50 - 150
Sodium	0.500	0.509	J	mg/L		102	50 - 150

Lab Sample ID: MB 885-28979/1-A
Matrix: Water
Analysis Batch: 29121

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		1.0		mg/L		06/25/25 11:46	06/26/25 12:34	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MB 885-28979/1-A
Matrix: Water
Analysis Batch: 29121

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	ND		1.0		mg/L		06/25/25 11:46	06/26/25 12:34	1
Potassium	ND		1.0		mg/L		06/25/25 11:46	06/26/25 12:34	1
Sodium	ND		1.0		mg/L		06/25/25 11:46	06/26/25 12:34	1

Lab Sample ID: LCS 885-28979/6-A
Matrix: Water
Analysis Batch: 29121

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			50.0	49.2		mg/L		98	85 - 115		
Magnesium			50.0	49.4		mg/L		99	85 - 115		
Potassium			50.0	49.2		mg/L		98	85 - 115		
Sodium			50.0	49.3		mg/L		99	85 - 115		

Lab Sample ID: LLCS 885-28979/5-A
Matrix: Water
Analysis Batch: 29121

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			0.500	0.483	J	mg/L		97	50 - 150		
Magnesium			0.500	0.498	J	mg/L		100	50 - 150		
Potassium			0.500	0.494	J	mg/L		99	50 - 150		
Sodium			0.500	0.508	J	mg/L		102	50 - 150		

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-10
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Potassium	10		50.0	65.8		mg/L		111	70 - 130		

Lab Sample ID: 885-27362-1 MS
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-10
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Magnesium	92		50.0	144		mg/L		104	70 - 130		

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-10
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	10		50.0	65.6		mg/L		111	70 - 130	0	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 885-27362-1 MSD
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-10
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	92		50.0	147		mg/L		110	70 - 130	2	20

Lab Sample ID: 885-27362-2 MS
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	36		50.0	86.5		mg/L		102	70 - 130
Potassium	15		50.0	66.8		mg/L		105	70 - 130

Lab Sample ID: 885-27362-2 MS
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	240		50.0	272	4	mg/L		71	70 - 130

Lab Sample ID: 885-27362-2 MSD
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	36		50.0	86.6		mg/L		102	70 - 130	0	20
Potassium	15		50.0	66.5		mg/L		104	70 - 130	1	20

Lab Sample ID: 885-27362-2 MSD
Matrix: Water
Analysis Batch: 29121

Client Sample ID: MW-12
Prep Type: Total Recoverable
Prep Batch: 28979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	240		50.0	267	4	mg/L		60	70 - 130	2	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29193/1
Matrix: Water
Analysis Batch: 29193

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			06/27/25 14:43	1

Lab Sample ID: LCS 885-29193/2
Matrix: Water
Analysis Batch: 29193

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids			1000	974		mg/L		97	80 - 120

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 885-29228/1
Matrix: Water
Analysis Batch: 29228

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			06/29/25 11:07	1

Lab Sample ID: LCS 885-29228/2
Matrix: Water
Analysis Batch: 29228

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1020		mg/L		102	80 - 120		

Lab Sample ID: 885-27362-1 DU
Matrix: Water
Analysis Batch: 29228

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	7400			7210		mg/L				3	10

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 885-29068/2
Matrix: Water
Analysis Batch: 29068

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	ND		20		mg/L			06/25/25 11:30	1

Lab Sample ID: LCS 885-29068/3
Matrix: Water
Analysis Batch: 29068

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			84.8	78.6		mg/L		93	90 - 110		

Lab Sample ID: MRL 885-29068/1
Matrix: Water
Analysis Batch: 29068

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			21.2	24.9		mg/L		117	50 - 150		

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

GC/MS VOA

Analysis Batch: 29281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total/NA	Water	8260B	
885-27362-2	MW-12	Total/NA	Water	8260B	
885-27362-3	MW-13	Total/NA	Water	8260B	
885-27362-4	MW-15	Total/NA	Water	8260B	
885-27362-5	MW-18	Total/NA	Water	8260B	
885-27362-6	MW-27	Total/NA	Water	8260B	
885-27362-7	MW-28	Total/NA	Water	8260B	
885-27362-8	MW-29	Total/NA	Water	8260B	
885-27362-9	MW-31	Total/NA	Water	8260B	
885-27362-10	MW-32	Total/NA	Water	8260B	
885-27362-11	MW-33	Total/NA	Water	8260B	
885-27362-12	MW-34	Total/NA	Water	8260B	
885-27362-13	MW-35	Total/NA	Water	8260B	
885-27362-14	MW-36	Total/NA	Water	8260B	
MB 885-29281/6	Method Blank	Total/NA	Water	8260B	
LCS 885-29281/5	Lab Control Sample	Total/NA	Water	8260B	
885-27362-1 MS	MW-10	Total/NA	Water	8260B	
885-27362-1 MSD	MW-10	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 28982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-28982/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28982/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28982/3	Lab Control Sample	Total/NA	Water	300.0	
885-27362-1 MS	MW-10	Total/NA	Water	300.0	
885-27362-1 MSD	MW-10	Total/NA	Water	300.0	
885-27362-14 MS	MW-36	Total/NA	Water	300.0	

Analysis Batch: 28983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-28983/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28983/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28983/3	Lab Control Sample	Total/NA	Water	300.0	
885-27362-1 MS	MW-10	Total/NA	Water	300.0	
885-27362-1 MSD	MW-10	Total/NA	Water	300.0	
885-27362-14 MS	MW-36	Total/NA	Water	300.0	
885-27362-14 MSD	MW-36	Total/NA	Water	300.0	

Analysis Batch: 29200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total/NA	Water	300.0	
885-27362-1	MW-10	Total/NA	Water	300.0	
885-27362-2	MW-12	Total/NA	Water	300.0	
885-27362-3	MW-13	Total/NA	Water	300.0	
885-27362-4	MW-15	Total/NA	Water	300.0	
885-27362-4	MW-15	Total/NA	Water	300.0	
885-27362-5	MW-18	Total/NA	Water	300.0	
885-27362-5	MW-18	Total/NA	Water	300.0	
885-27362-6	MW-27	Total/NA	Water	300.0	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

HPLC/IC (Continued)

Analysis Batch: 29200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-6	MW-27	Total/NA	Water	300.0	
885-27362-7	MW-28	Total/NA	Water	300.0	
885-27362-8	MW-29	Total/NA	Water	300.0	
885-27362-9	MW-31	Total/NA	Water	300.0	
885-27362-10	MW-32	Total/NA	Water	300.0	
885-27362-10	MW-32	Total/NA	Water	300.0	
885-27362-11	MW-33	Total/NA	Water	300.0	
885-27362-11	MW-33	Total/NA	Water	300.0	
885-27362-12	MW-34	Total/NA	Water	300.0	
885-27362-12	MW-34	Total/NA	Water	300.0	
885-27362-13	MW-35	Total/NA	Water	300.0	
885-27362-14	MW-36	Total/NA	Water	300.0	
MB 885-29200/4	Method Blank	Total/NA	Water	300.0	
MB 885-29200/64	Method Blank	Total/NA	Water	300.0	
LCS 885-29200/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-29200/65	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29200/3	Lab Control Sample	Total/NA	Water	300.0	
885-27362-1 MS	MW-10	Total/NA	Water	300.0	
885-27362-1 MSD	MW-10	Total/NA	Water	300.0	
885-27362-2 MS	MW-12	Total/NA	Water	300.0	
885-27362-2 MSD	MW-12	Total/NA	Water	300.0	
885-27362-10 MS	MW-32	Total/NA	Water	300.0	
885-27362-10 MSD	MW-32	Total/NA	Water	300.0	

Analysis Batch: 29201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total/NA	Water	300.0	
885-27362-1	MW-10	Total/NA	Water	300.0	
885-27362-2	MW-12	Total/NA	Water	300.0	
885-27362-3	MW-13	Total/NA	Water	300.0	
885-27362-4	MW-15	Total/NA	Water	300.0	
885-27362-5	MW-18	Total/NA	Water	300.0	
885-27362-5	MW-18	Total/NA	Water	300.0	
885-27362-6	MW-27	Total/NA	Water	300.0	
885-27362-7	MW-28	Total/NA	Water	300.0	
885-27362-8	MW-29	Total/NA	Water	300.0	
885-27362-9	MW-31	Total/NA	Water	300.0	
885-27362-10	MW-32	Total/NA	Water	300.0	
885-27362-11	MW-33	Total/NA	Water	300.0	
885-27362-12	MW-34	Total/NA	Water	300.0	
885-27362-12	MW-34	Total/NA	Water	300.0	
885-27362-13	MW-35	Total/NA	Water	300.0	
885-27362-14	MW-36	Total/NA	Water	300.0	
MB 885-29201/4	Method Blank	Total/NA	Water	300.0	
MB 885-29201/64	Method Blank	Total/NA	Water	300.0	
LCS 885-29201/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-29201/65	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29201/3	Lab Control Sample	Total/NA	Water	300.0	
885-27362-1 MS	MW-10	Total/NA	Water	300.0	
885-27362-1 MSD	MW-10	Total/NA	Water	300.0	
885-27362-2 MS	MW-12	Total/NA	Water	300.0	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

HPLC/IC (Continued)

Analysis Batch: 29201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-2 MSD	MW-12	Total/NA	Water	300.0	
885-27362-10 MS	MW-32	Total/NA	Water	300.0	
885-27362-10 MSD	MW-32	Total/NA	Water	300.0	

Metals

Prep Batch: 28979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total Recoverable	Water	200.2	
885-27362-2	MW-12	Total Recoverable	Water	200.2	
885-27362-3	MW-13	Total Recoverable	Water	200.2	
885-27362-4	MW-15	Total Recoverable	Water	200.2	
885-27362-5	MW-18	Total Recoverable	Water	200.2	
885-27362-6	MW-27	Total Recoverable	Water	200.2	
885-27362-7	MW-28	Total Recoverable	Water	200.2	
885-27362-8	MW-29	Total Recoverable	Water	200.2	
885-27362-9	MW-31	Total Recoverable	Water	200.2	
885-27362-10	MW-32	Total Recoverable	Water	200.2	
885-27362-11	MW-33	Total Recoverable	Water	200.2	
885-27362-12	MW-34	Total Recoverable	Water	200.2	
885-27362-13	MW-35	Total Recoverable	Water	200.2	
885-27362-14	MW-36	Total Recoverable	Water	200.2	
MB 885-28979/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-28979/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-28979/5-A	Lab Control Sample	Total Recoverable	Water	200.2	
885-27362-1 MS	MW-10	Total Recoverable	Water	200.2	
885-27362-1 MSD	MW-10	Total Recoverable	Water	200.2	
885-27362-2 MS	MW-12	Total Recoverable	Water	200.2	
885-27362-2 MSD	MW-12	Total Recoverable	Water	200.2	

Analysis Batch: 29121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-3	MW-13	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-3	MW-13	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-4	MW-15	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-5	MW-18	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-5	MW-18	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-6	MW-27	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-9	MW-31	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-10	MW-32	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-11	MW-33	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-11	MW-33	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-12	MW-34	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-13	MW-35	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-14	MW-36	Total Recoverable	Water	200.7 Rev 4.4	28979
MB 885-28979/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	28979
LCS 885-28979/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	28979

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Metals (Continued)

Analysis Batch: 29121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 885-28979/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	28979
MRL 885-29121/13	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
885-27362-1 MS	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-1 MS	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-1 MSD	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-1 MSD	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2 MS	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2 MS	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2 MSD	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2 MSD	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979

Analysis Batch: 29191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-2	MW-12	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-3	MW-13	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-4	MW-15	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-5	MW-18	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-6	MW-27	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-7	MW-28	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-7	MW-28	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-8	MW-29	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-8	MW-29	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-9	MW-31	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-10	MW-32	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-11	MW-33	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-12	MW-34	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-13	MW-35	Total Recoverable	Water	200.7 Rev 4.4	28979
885-27362-14	MW-36	Total Recoverable	Water	200.7 Rev 4.4	28979
MRL 885-29191/14	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Analysis Batch: 29068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total/NA	Water	SM 2320B	
885-27362-2	MW-12	Total/NA	Water	SM 2320B	
885-27362-3	MW-13	Total/NA	Water	SM 2320B	
885-27362-4	MW-15	Total/NA	Water	SM 2320B	
885-27362-5	MW-18	Total/NA	Water	SM 2320B	
885-27362-6	MW-27	Total/NA	Water	SM 2320B	
885-27362-7	MW-28	Total/NA	Water	SM 2320B	
885-27362-8	MW-29	Total/NA	Water	SM 2320B	
885-27362-9	MW-31	Total/NA	Water	SM 2320B	
885-27362-10	MW-32	Total/NA	Water	SM 2320B	
885-27362-11	MW-33	Total/NA	Water	SM 2320B	
885-27362-12	MW-34	Total/NA	Water	SM 2320B	
885-27362-13	MW-35	Total/NA	Water	SM 2320B	
885-27362-14	MW-36	Total/NA	Water	SM 2320B	
MB 885-29068/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-29068/3	Lab Control Sample	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

General Chemistry (Continued)

Analysis Batch: 29068 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-29068/1	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 29070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total/NA	Water	SM 4500 H+ B	
885-27362-2	MW-12	Total/NA	Water	SM 4500 H+ B	
885-27362-3	MW-13	Total/NA	Water	SM 4500 H+ B	
885-27362-4	MW-15	Total/NA	Water	SM 4500 H+ B	
885-27362-5	MW-18	Total/NA	Water	SM 4500 H+ B	
885-27362-6	MW-27	Total/NA	Water	SM 4500 H+ B	
885-27362-7	MW-28	Total/NA	Water	SM 4500 H+ B	
885-27362-8	MW-29	Total/NA	Water	SM 4500 H+ B	
885-27362-9	MW-31	Total/NA	Water	SM 4500 H+ B	
885-27362-10	MW-32	Total/NA	Water	SM 4500 H+ B	
885-27362-11	MW-33	Total/NA	Water	SM 4500 H+ B	
885-27362-12	MW-34	Total/NA	Water	SM 4500 H+ B	
885-27362-13	MW-35	Total/NA	Water	SM 4500 H+ B	
885-27362-14	MW-36	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 29193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-9	MW-31	Total/NA	Water	2540C	
885-27362-10	MW-32	Total/NA	Water	2540C	
885-27362-11	MW-33	Total/NA	Water	2540C	
885-27362-12	MW-34	Total/NA	Water	2540C	
885-27362-13	MW-35	Total/NA	Water	2540C	
885-27362-14	MW-36	Total/NA	Water	2540C	
MB 885-29193/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29193/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 29228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27362-1	MW-10	Total/NA	Water	2540C	
885-27362-2	MW-12	Total/NA	Water	2540C	
885-27362-3	MW-13	Total/NA	Water	2540C	
885-27362-4	MW-15	Total/NA	Water	2540C	
885-27362-5	MW-18	Total/NA	Water	2540C	
885-27362-6	MW-27	Total/NA	Water	2540C	
885-27362-7	MW-28	Total/NA	Water	2540C	
885-27362-8	MW-29	Total/NA	Water	2540C	
MB 885-29228/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29228/2	Lab Control Sample	Total/NA	Water	2540C	
885-27362-1 DU	MW-10	Total/NA	Water	2540C	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-10

Date Collected: 06/23/25 13:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 13:28
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 13:07
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 13:07
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 13:17
Total/NA	Analysis	300.0		100	29201	RC	EET ALB	06/28/25 13:17
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 12:57
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29121	JR	EET ALB	06/26/25 13:01
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		20	29191	JR	EET ALB	06/27/25 13:28
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 14:32
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 14:32

Client Sample ID: MW-12

Date Collected: 06/23/25 11:50
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 14:42
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 14:06
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 14:06
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:04
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29121	JR	EET ALB	06/26/25 13:16
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		10	29191	JR	EET ALB	06/27/25 13:39
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 13:46
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 13:46

Client Sample ID: MW-13

Date Collected: 06/23/25 12:40
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 15:06
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 14:45
Total/NA	Analysis	300.0		100	29201	RC	EET ALB	06/28/25 14:45
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:20

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-13

Date Collected: 06/23/25 12:40
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29121	JR	EET ALB	06/26/25 13:21
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		50	29191	JR	EET ALB	06/27/25 13:40
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 15:09
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 15:09

Client Sample ID: MW-15

Date Collected: 06/23/25 15:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 15:31
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 15:05
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 15:05
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 15:15
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:22
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		10	29191	JR	EET ALB	06/27/25 13:42
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 13:34
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 13:34

Client Sample ID: MW-18

Date Collected: 06/23/25 11:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 15:55
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 15:44
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 15:44
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 15:54
Total/NA	Analysis	300.0		100	29201	RC	EET ALB	06/28/25 15:54
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:24
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29121	JR	EET ALB	06/26/25 13:25
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		50	29191	JR	EET ALB	06/27/25 13:43
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 14:56

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-18
Date Collected: 06/23/25 11:15
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 14:56

Client Sample ID: MW-27
Date Collected: 06/23/25 14:20
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 16:20
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 16:04
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 16:04
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 16:14
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:32
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		10	29191	JR	EET ALB	06/27/25 13:44
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 13:19
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 13:19

Client Sample ID: MW-28
Date Collected: 06/23/25 10:20
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 16:44
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 16:24
Total/NA	Analysis	300.0		100	29201	RC	EET ALB	06/28/25 16:24
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29191	JR	EET ALB	06/27/25 13:45
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		50	29191	JR	EET ALB	06/27/25 13:46
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 15:19
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 15:19

Client Sample ID: MW-29
Date Collected: 06/23/25 09:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 17:09
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 16:43
Total/NA	Analysis	300.0		100	29201	RC	EET ALB	06/28/25 16:43

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-29

Lab Sample ID: 885-27362-8
Matrix: Water
Date Collected: 06/23/25 09:30
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29191	JR	EET ALB	06/27/25 13:48
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		50	29191	JR	EET ALB	06/27/25 13:49
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 15:32
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 15:32

Client Sample ID: MW-31

Lab Sample ID: 885-27362-9
Matrix: Water
Date Collected: 06/20/25 14:50
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 17:33
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 17:03
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 17:03
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:41
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		10	29191	JR	EET ALB	06/27/25 13:50
Total/NA	Analysis	2540C		1	29193	HR	EET ALB	06/27/25 14:43
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 13:07
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 13:07

Client Sample ID: MW-32

Lab Sample ID: 885-27362-10
Matrix: Water
Date Collected: 06/20/25 10:50
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 17:58
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 18:22
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 18:22
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 18:51
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:44
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		20	29191	JR	EET ALB	06/27/25 13:56
Total/NA	Analysis	2540C		1	29193	HR	EET ALB	06/27/25 14:43
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 14:20
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 14:20

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-33

Lab Sample ID: 885-27362-11
Matrix: Water
Date Collected: 06/20/25 14:00
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 18:22
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 19:01
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 19:01
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 19:11
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:51
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		5	29121	JR	EET ALB	06/26/25 13:52
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		20	29191	JR	EET ALB	06/27/25 13:57
Total/NA	Analysis	2540C		1	29193	HR	EET ALB	06/27/25 14:43
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 14:04
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 14:04

Client Sample ID: MW-34

Lab Sample ID: 885-27362-12
Matrix: Water
Date Collected: 06/20/25 13:00
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 18:47
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 19:40
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 19:40
Total/NA	Analysis	300.0		100	29200	RC	EET ALB	06/28/25 19:50
Total/NA	Analysis	300.0		100	29201	RC	EET ALB	06/28/25 19:50
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:53
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		50	29191	JR	EET ALB	06/27/25 13:58
Total/NA	Analysis	2540C		1	29193	HR	EET ALB	06/27/25 14:43
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 14:43
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 14:43

Client Sample ID: MW-35

Lab Sample ID: 885-27362-13
Matrix: Water
Date Collected: 06/20/25 11:40
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 19:11
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 20:00
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 20:00
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:56

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-35

Lab Sample ID: 885-27362-13
Matrix: Water
Date Collected: 06/20/25 11:40
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		10	29191	JR	EET ALB	06/27/25 13:59
Total/NA	Analysis	2540C		1	29193	HR	EET ALB	06/27/25 14:43
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 12:49
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 12:49

Client Sample ID: MW-36

Lab Sample ID: 885-27362-14
Matrix: Water
Date Collected: 06/20/25 09:30
Date Received: 06/24/25 07:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	29281	CM	EET ALB	06/30/25 19:36
Total/NA	Analysis	300.0		10	29200	RC	EET ALB	06/28/25 20:20
Total/NA	Analysis	300.0		10	29201	RC	EET ALB	06/28/25 20:20
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		1	29121	JR	EET ALB	06/26/25 13:58
Total Recoverable	Prep	200.2			28979	VP	EET ALB	06/25/25 11:47
Total Recoverable	Analysis	200.7 Rev 4.4		10	29191	JR	EET ALB	06/27/25 14:00
Total/NA	Analysis	2540C		1	29193	HR	EET ALB	06/27/25 14:43
Total/NA	Analysis	SM 2320B		1	29068	DL	EET ALB	06/25/25 12:39
Total/NA	Analysis	SM 4500 H+ B		1	29070	DL	EET ALB	06/25/25 12:39

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

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
200.7 Rev 4.4	200.2	Water	Calcium
200.7 Rev 4.4	200.2	Water	Magnesium
200.7 Rev 4.4	200.2	Water	Potassium
200.7 Rev 4.4	200.2	Water	Sodium
2540C		Water	Total Dissolved Solids
300.0		Water	Bromide
300.0		Water	Chloride
300.0		Water	Fluoride
300.0		Water	Nitrate as N
300.0		Water	Nitrite as N
300.0		Water	Orthophosphate as P
300.0		Water	Sulfate
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date

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
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total
SM 2320B		Water	Total Alkalinity as CaCO3
SM 4500 H+ B		Water	pH

Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Hilcorp Farmington NM

Mailing Address: 382 Road 3100 Aztec, NM 87410

Billing Address: PO Box 61529 Houston, TX 77208

Phone #: 505-486-9543

email or Fax#: Brandon.Sinclair@hilcorp.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
X Standard ☐ Rush

Project Name: Salty Dog Pipeline

Project #:

Project Manager: Mitch Killough

Sampler: Brandon Sinclair

On Ice: ☑ Yes ☐ No

# of Coolers: 2 Mard

Cooler Temp (including CF): 4.1+0.2=4.3 3.0+0.2=3.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-27362 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Cations/Anions/TDS/pH/Alkalinity (1) Liter Plastic	Volatiles 8260B 40ml VOA HCl
6-23	1330	Water	MW-10	Various	Various	-1	X	X
6-23	1150	Water	MW-12	Various	Various	-2	X	X
6-23	1240	Water	MW-13	Various	Various	-3	X	X
6-23	1515	Water	MW-15	Various	Various	-4	X	X
6-23	1115	Water	MW-18	Various	Various	-5	X	X
6-23	1420	Water	MW-27	Various	Various	-6	X	X
6-23	1020	Water	MW-28	Various	Various	-7	X	X
6-23	930	Water	MW-29	Various	Various	-8	X	X
6-20	1450	Water	MW-31	Various	Various	-9	X	X
6-20	1050		MW-32			-10	X	X
6-20	1400		MW-33			-11	X	X
6-20	1300		MW-34			-12	X	X
6-20	1140		MW-35			-13	X	X
6-20	930		MW-36			-14	X	X

Date	Time	Relinquished by	Received by / Via	Date	Time
6/23/25	1800	[signature]	[signature]	6/23/25	1800
6/23/25	1800	[signature]	[signature] Courier	6/24/25	7:15

Preserve the Cation/Anions in the lab. Cations: Calcium, Magnesium, Potassium and Sodium, Anions:Bromide, Chloride, Sulfate, Fluoride, Nitrate+Nitrite and Phosphorous.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-27362-1

Login Number: 27362 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Proctor, Nancy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	False	Refer to Job Narrative for details.
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.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 10/16/2025 1:35:09 PM

JOB DESCRIPTION

Salty Dog Pipeline

JOB NUMBER

885-34702-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
10/16/2025 1:35:09 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Laboratory Job ID: 885-34702-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-34702-1
Project/Site: Salty Dog Pipeline

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
P2	The sample was received with pH>2

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-34702-1

Job ID: 885-34702-1 Eurofins Albuquerque

Job Narrative
885-34702-1

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 10/3/2025 8:05 AM. 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 1.3°C.

GC/MS VOA
Method 8260B: The following sample was diluted due to the nature of the sample matrix: MW-34 (885-34702-11) at 2.0. Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: MW-34 (885-34702-11).

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

HPLC/IC
Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-34702-1), MW-13 (885-34702-2), MW-15 (885-34702-3), MW-18 (885-34702-4), MW-27 (885-34702-5), MW-28 (885-34702-6), MW-29 (885-34702-7), MW-31 (885-34702-8), MW-33 (885-34702-10) and MW-36 (885-34702-12). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: The following samples were received outside of holding time: MW-10 (885-34702-1), MW-13 (885-34702-2), MW-15 (885-34702-3), MW-18 (885-34702-4), MW-27 (885-34702-5), MW-28 (885-34702-6), MW-29 (885-34702-7), MW-31 (885-34702-8), MW-32 (885-34702-9), MW-33 (885-34702-10), MW-34 (885-34702-11) and MW-36 (885-34702-12).

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-34702-1), MW-13 (885-34702-2), MW-15 (885-34702-3), MW-18 (885-34702-4), MW-27 (885-34702-5), MW-28 (885-34702-6), MW-29 (885-34702-7), MW-31 (885-34702-8), MW-32 (885-34702-9), MW-33 (885-34702-10) and MW-36 (885-34702-12). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-34702-1), MW-18 (885-34702-4) and MW-34 (885-34702-11). Elevated reporting limits (RLs) are provided. Sample chromatogram overlay with MRL shows likely Cl interference with NO2, reporting NO2 from higher dilution.

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

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

General Chemistry
Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: MW-33 (885-34702-10). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these

Case Narrative

Client: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-34702-1

Job ID: 885-34702-1 (Continued) Eurofins Albuquerque

data have been qualified.

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: MW-15 (885-34702-3) and MW-27 (885-34702-5). Reanalysis could not be performed due to holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-10
Date Collected: 09/30/25 12:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 05:37	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 05:37	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 05:37	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 05:37	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 05:37	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 05:37	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 05:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 05:37	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 05:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 05:37	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 05:37	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 05:37	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 05:37	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 05:37	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 05:37	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 05:37	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 05:37	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 05:37	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 05:37	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 05:37	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 05:37	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 05:37	1
2-Butanone	ND		10		ug/L			10/09/25 05:37	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 05:37	1
2-Hexanone	ND		10		ug/L			10/09/25 05:37	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 05:37	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 05:37	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 05:37	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 05:37	1
Acetone	ND		10		ug/L			10/09/25 05:37	1
Benzene	ND		1.0		ug/L			10/09/25 05:37	1
Bromobenzene	ND		1.0		ug/L			10/09/25 05:37	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 05:37	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 05:37	1
Bromoform	ND		1.0		ug/L			10/09/25 05:37	1
Bromomethane	ND		3.0		ug/L			10/09/25 05:37	1
Carbon disulfide	ND		10		ug/L			10/09/25 05:37	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 05:37	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 05:37	1
Chloroethane	ND		2.0		ug/L			10/09/25 05:37	1
Chloroform	ND		1.0		ug/L			10/09/25 05:37	1
Chloromethane	ND		3.0		ug/L			10/09/25 05:37	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 05:37	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 05:37	1
Dibromomethane	ND		1.0		ug/L			10/09/25 05:37	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 05:37	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 05:37	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 05:37	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 05:37	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-10
Date Collected: 09/30/25 12:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 05:37	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 05:37	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 05:37	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 05:37	1
Naphthalene	ND		2.0		ug/L			10/09/25 05:37	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 05:37	1
Styrene	ND		1.0		ug/L			10/09/25 05:37	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 05:37	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 05:37	1
Toluene	ND		1.0		ug/L			10/09/25 05:37	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 05:37	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 05:37	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 05:37	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 05:37	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 05:37	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*10/09/25 05:37*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 05:37*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/09/25 05:37*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*10/09/25 05:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.6**		1.0		mg/L			10/03/25 19:11	10
Nitrate as N	ND	H H3	1.0		mg/L			10/03/25 19:11	10
Chloride	**3200**		50		mg/L			10/03/25 19:25	100
Nitrite as N	ND	H H3	10		mg/L			10/03/25 19:25	100
Fluoride	ND		1.0		mg/L			10/03/25 19:11	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/03/25 19:11	10
Sulfate	**1900**		5.0		mg/L			10/03/25 19:11	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**820**		10		mg/L		10/06/25 09:05	10/07/25 15:53	10
Magnesium	**92**		10		mg/L		10/06/25 09:05	10/07/25 15:53	10
Potassium	ND		10		mg/L		10/06/25 09:05	10/07/25 15:53	10
Sodium	**1700**		100		mg/L		10/06/25 09:05	10/07/25 15:55	100

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**7700**		500		mg/L			10/05/25 10:44	1
Total Alkalinity as CaCO3 (SM 2320B)	**160**		20		mg/L			10/06/25 14:19	1
Specific Conductance (SM 2510B)	**14000**		100		umhos/cm			10/09/25 10:29	10
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			10/06/25 14:19	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-13

Date Collected: 09/30/25 10:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 06:51	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 06:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 06:51	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 06:51	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 06:51	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 06:51	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 06:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 06:51	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 06:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 06:51	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 06:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 06:51	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 06:51	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 06:51	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 06:51	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 06:51	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 06:51	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 06:51	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 06:51	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 06:51	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 06:51	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 06:51	1
2-Butanone	ND		10		ug/L			10/09/25 06:51	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 06:51	1
2-Hexanone	ND		10		ug/L			10/09/25 06:51	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 06:51	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 06:51	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 06:51	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 06:51	1
Acetone	ND		10		ug/L			10/09/25 06:51	1
Benzene	ND		1.0		ug/L			10/09/25 06:51	1
Bromobenzene	ND		1.0		ug/L			10/09/25 06:51	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 06:51	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 06:51	1
Bromoform	ND		1.0		ug/L			10/09/25 06:51	1
Bromomethane	ND		3.0		ug/L			10/09/25 06:51	1
Carbon disulfide	ND		10		ug/L			10/09/25 06:51	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 06:51	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 06:51	1
Chloroethane	ND		2.0		ug/L			10/09/25 06:51	1
Chloroform	ND		1.0		ug/L			10/09/25 06:51	1
Chloromethane	ND		3.0		ug/L			10/09/25 06:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 06:51	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 06:51	1
Dibromomethane	ND		1.0		ug/L			10/09/25 06:51	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 06:51	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 06:51	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 06:51	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 06:51	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-13
Date Collected: 09/30/25 10:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 06:51	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 06:51	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 06:51	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 06:51	1
Naphthalene	ND		2.0		ug/L			10/09/25 06:51	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 06:51	1
Styrene	ND		1.0		ug/L			10/09/25 06:51	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 06:51	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 06:51	1
Toluene	ND		1.0		ug/L			10/09/25 06:51	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 06:51	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 06:51	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 06:51	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 06:51	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 06:51	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*10/09/25 06:51*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 06:51*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/09/25 06:51*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*10/09/25 06:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			10/03/25 19:39	100
Nitrate as N	ND	H H3	10		mg/L			10/03/25 19:39	100
Chloride	**4900**		50		mg/L			10/03/25 19:39	100
Nitrite as N	ND	H H3	10		mg/L			10/03/25 19:39	100
Fluoride	ND		10		mg/L			10/03/25 19:39	100
Orthophosphate as P	ND	H H3	50		mg/L			10/03/25 19:39	100
Sulfate	**1900**		50		mg/L			10/03/25 19:39	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1000**		100		mg/L		10/06/25 09:05	10/07/25 15:57	100
Magnesium	**130**		100		mg/L		10/06/25 09:05	10/07/25 15:57	100
Potassium	**11**		10		mg/L		10/06/25 09:05	10/07/25 16:06	10
Sodium	**2800**		100		mg/L		10/06/25 09:05	10/07/25 15:57	100

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**12000**		500		mg/L			10/05/25 10:44	1
Total Alkalinity as CaCO3 (SM 2320B)	**170**		20		mg/L			10/06/25 14:29	1
Specific Conductance (SM 2510B)	**21000**		100		umhos/cm			10/09/25 10:32	10
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			10/06/25 14:29	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-15

Date Collected: 09/30/25 13:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 07:16	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 07:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 07:16	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 07:16	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 07:16	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 07:16	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 07:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 07:16	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 07:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 07:16	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 07:16	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 07:16	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 07:16	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 07:16	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 07:16	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 07:16	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 07:16	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 07:16	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 07:16	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 07:16	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 07:16	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 07:16	1
2-Butanone	ND		10		ug/L			10/09/25 07:16	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 07:16	1
2-Hexanone	ND		10		ug/L			10/09/25 07:16	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 07:16	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 07:16	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 07:16	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 07:16	1
Acetone	ND		10		ug/L			10/09/25 07:16	1
Benzene	ND		1.0		ug/L			10/09/25 07:16	1
Bromobenzene	ND		1.0		ug/L			10/09/25 07:16	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 07:16	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 07:16	1
Bromoform	ND		1.0		ug/L			10/09/25 07:16	1
Bromomethane	ND		3.0		ug/L			10/09/25 07:16	1
Carbon disulfide	ND		10		ug/L			10/09/25 07:16	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 07:16	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 07:16	1
Chloroethane	ND		2.0		ug/L			10/09/25 07:16	1
Chloroform	ND		1.0		ug/L			10/09/25 07:16	1
Chloromethane	ND		3.0		ug/L			10/09/25 07:16	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 07:16	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 07:16	1
Dibromomethane	ND		1.0		ug/L			10/09/25 07:16	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 07:16	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 07:16	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 07:16	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 07:16	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-15
Date Collected: 09/30/25 13:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 07:16	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 07:16	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 07:16	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 07:16	1
Naphthalene	ND		2.0		ug/L			10/09/25 07:16	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 07:16	1
Styrene	ND		1.0		ug/L			10/09/25 07:16	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 07:16	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 07:16	1
Toluene	ND		1.0		ug/L			10/09/25 07:16	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 07:16	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 07:16	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 07:16	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 07:16	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 07:16	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*10/09/25 07:16*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/09/25 07:16*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/09/25 07:16*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*10/09/25 07:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.2**		1.0		mg/L			10/03/25 20:07	10
Nitrate as N	ND	H H3	1.0		mg/L			10/03/25 20:07	10
Chloride	**630**		5.0		mg/L			10/03/25 20:07	10
Nitrite as N	ND	H H3	1.0		mg/L			10/03/25 20:07	10
Fluoride	ND		1.0		mg/L			10/03/25 20:07	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/03/25 20:07	10
Sulfate	**2100**		50		mg/L			10/03/25 20:22	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**540**		50		mg/L		10/06/25 09:05	10/07/25 16:11	50
Magnesium	**73**		5.0		mg/L		10/06/25 09:05	10/07/25 16:08	5
Potassium	**7.1**		5.0		mg/L		10/06/25 09:05	10/07/25 16:08	5
Sodium	**730**		50		mg/L		10/06/25 09:05	10/07/25 16:11	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4500**	**E**	100		mg/L			10/05/25 10:44	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			10/06/25 14:39	1
Specific Conductance (SM 2510B)	**5700**		10		umhos/cm			10/06/25 14:39	1
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			10/06/25 14:39	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-18

Date Collected: 09/30/25 09:30
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 07:41	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 07:41	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 07:41	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 07:41	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 07:41	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 07:41	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 07:41	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 07:41	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 07:41	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 07:41	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 07:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 07:41	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 07:41	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 07:41	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 07:41	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 07:41	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 07:41	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 07:41	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 07:41	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 07:41	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 07:41	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 07:41	1
2-Butanone	ND		10		ug/L			10/09/25 07:41	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 07:41	1
2-Hexanone	ND		10		ug/L			10/09/25 07:41	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 07:41	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 07:41	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 07:41	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 07:41	1
Acetone	ND		10		ug/L			10/09/25 07:41	1
Benzene	ND		1.0		ug/L			10/09/25 07:41	1
Bromobenzene	ND		1.0		ug/L			10/09/25 07:41	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 07:41	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 07:41	1
Bromoform	ND		1.0		ug/L			10/09/25 07:41	1
Bromomethane	ND		3.0		ug/L			10/09/25 07:41	1
Carbon disulfide	ND		10		ug/L			10/09/25 07:41	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 07:41	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 07:41	1
Chloroethane	ND		2.0		ug/L			10/09/25 07:41	1
Chloroform	ND		1.0		ug/L			10/09/25 07:41	1
Chloromethane	ND		3.0		ug/L			10/09/25 07:41	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 07:41	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 07:41	1
Dibromomethane	ND		1.0		ug/L			10/09/25 07:41	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 07:41	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 07:41	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 07:41	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 07:41	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-18
Date Collected: 09/30/25 09:30
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 07:41	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 07:41	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 07:41	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 07:41	1
Naphthalene	ND		2.0		ug/L			10/09/25 07:41	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 07:41	1
Styrene	ND		1.0		ug/L			10/09/25 07:41	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 07:41	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 07:41	1
Toluene	ND		1.0		ug/L			10/09/25 07:41	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 07:41	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 07:41	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 07:41	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 07:41	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 07:41	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 07:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*10/09/25 07:41*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 07:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*10/09/25 07:41*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*10/09/25 07:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**2.7**		1.0		mg/L			10/03/25 20:36	10
Nitrate as N	**1.4**	**H H3**	1.0		mg/L			10/03/25 20:36	10
Chloride	**2400**		50		mg/L			10/03/25 20:50	100
Nitrite as N	ND	H H3	10		mg/L			10/03/25 20:50	100
Fluoride	ND		1.0		mg/L			10/03/25 20:36	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/03/25 20:36	10
Sulfate	**3400**		50		mg/L			10/03/25 20:50	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**590**		10		mg/L		10/06/25 09:05	10/07/25 16:12	10
Magnesium	**94**		10		mg/L		10/06/25 09:05	10/07/25 16:12	10
Potassium	**9.7**		5.0		mg/L		10/06/25 09:05	10/08/25 13:22	5
Sodium	**2200**		100		mg/L		10/06/25 09:05	10/07/25 16:14	100

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8500**		250		mg/L			10/05/25 10:44	1
Total Alkalinity as CaCO3 (SM 2320B)	**250**		20		mg/L			10/06/25 14:51	1
Specific Conductance (SM 2510B)	**14000**		100		umhos/cm			10/09/25 10:35	10
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			10/06/25 14:51	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-27

Date Collected: 09/30/25 12:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 08:05	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 08:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 08:05	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 08:05	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 08:05	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 08:05	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 08:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 08:05	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 08:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 08:05	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 08:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 08:05	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 08:05	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:05	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 08:05	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 08:05	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 08:05	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:05	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 08:05	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:05	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 08:05	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 08:05	1
2-Butanone	ND		10		ug/L			10/09/25 08:05	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 08:05	1
2-Hexanone	ND		10		ug/L			10/09/25 08:05	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 08:05	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 08:05	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 08:05	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 08:05	1
Acetone	ND		10		ug/L			10/09/25 08:05	1
Benzene	ND		1.0		ug/L			10/09/25 08:05	1
Bromobenzene	ND		1.0		ug/L			10/09/25 08:05	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 08:05	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 08:05	1
Bromoform	ND		1.0		ug/L			10/09/25 08:05	1
Bromomethane	ND		3.0		ug/L			10/09/25 08:05	1
Carbon disulfide	ND		10		ug/L			10/09/25 08:05	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 08:05	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 08:05	1
Chloroethane	ND		2.0		ug/L			10/09/25 08:05	1
Chloroform	ND		1.0		ug/L			10/09/25 08:05	1
Chloromethane	ND		3.0		ug/L			10/09/25 08:05	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 08:05	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 08:05	1
Dibromomethane	ND		1.0		ug/L			10/09/25 08:05	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 08:05	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 08:05	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 08:05	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 08:05	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-27

Date Collected: 09/30/25 12:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 08:05	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 08:05	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 08:05	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 08:05	1
Naphthalene	ND		2.0		ug/L			10/09/25 08:05	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 08:05	1
Styrene	ND		1.0		ug/L			10/09/25 08:05	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 08:05	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 08:05	1
Toluene	ND		1.0		ug/L			10/09/25 08:05	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 08:05	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 08:05	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 08:05	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 08:05	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 08:05	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*10/09/25 08:05*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 08:05*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*10/09/25 08:05*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*10/09/25 08:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.2**		1.0		mg/L			10/03/25 21:32	10
Nitrate as N	ND	H H3	1.0		mg/L			10/03/25 21:32	10
Chloride	**720**		5.0		mg/L			10/03/25 21:32	10
Nitrite as N	ND	H H3	1.0		mg/L			10/03/25 21:32	10
Fluoride	ND		1.0		mg/L			10/03/25 21:32	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/03/25 21:32	10
Sulfate	**1900**		5.0		mg/L			10/03/25 21:32	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**500**		50		mg/L		10/06/25 09:05	10/07/25 16:20	50
Magnesium	**60**		5.0		mg/L		10/06/25 09:05	10/07/25 16:18	5
Potassium	**7.2**		5.0		mg/L		10/06/25 09:05	10/07/25 16:18	5
Sodium	**770**		50		mg/L		10/06/25 09:05	10/07/25 16:20	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4400**	**E**	100		mg/L			10/05/25 10:44	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			10/06/25 15:04	1
Specific Conductance (SM 2510B)	**5800**		10		umhos/cm			10/06/25 15:04	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			10/06/25 15:04	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-28
Date Collected: 09/28/25 14:30
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 08:30	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 08:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 08:30	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 08:30	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 08:30	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 08:30	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 08:30	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 08:30	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 08:30	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 08:30	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 08:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 08:30	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 08:30	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:30	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 08:30	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 08:30	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 08:30	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:30	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 08:30	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:30	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 08:30	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 08:30	1
2-Butanone	ND		10		ug/L			10/09/25 08:30	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 08:30	1
2-Hexanone	ND		10		ug/L			10/09/25 08:30	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 08:30	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 08:30	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 08:30	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 08:30	1
Acetone	ND		10		ug/L			10/09/25 08:30	1
Benzene	ND		1.0		ug/L			10/09/25 08:30	1
Bromobenzene	ND		1.0		ug/L			10/09/25 08:30	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 08:30	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 08:30	1
Bromoform	ND		1.0		ug/L			10/09/25 08:30	1
Bromomethane	ND		3.0		ug/L			10/09/25 08:30	1
Carbon disulfide	ND		10		ug/L			10/09/25 08:30	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 08:30	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 08:30	1
Chloroethane	ND		2.0		ug/L			10/09/25 08:30	1
Chloroform	ND		1.0		ug/L			10/09/25 08:30	1
Chloromethane	ND		3.0		ug/L			10/09/25 08:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 08:30	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 08:30	1
Dibromomethane	ND		1.0		ug/L			10/09/25 08:30	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 08:30	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 08:30	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 08:30	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 08:30	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-28
Date Collected: 09/28/25 14:30
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 08:30	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 08:30	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 08:30	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 08:30	1
Naphthalene	ND		2.0		ug/L			10/09/25 08:30	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 08:30	1
Styrene	ND		1.0		ug/L			10/09/25 08:30	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 08:30	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 08:30	1
Toluene	ND		1.0		ug/L			10/09/25 08:30	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 08:30	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 08:30	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 08:30	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 08:30	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 08:30	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 08:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*10/09/25 08:30*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 08:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*10/09/25 08:30*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*10/09/25 08:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			10/03/25 22:01	100
Nitrate as N	ND	H H3	10		mg/L			10/03/25 22:01	100
Chloride	**5000**		50		mg/L			10/03/25 22:01	100
Nitrite as N	ND	H H3	10		mg/L			10/03/25 22:01	100
Fluoride	ND		10		mg/L			10/03/25 22:01	100
Orthophosphate as P	ND	H H3	50		mg/L			10/03/25 22:01	100
Sulfate	**2000**		50		mg/L			10/03/25 22:01	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1000**		100		mg/L		10/06/25 09:05	10/07/25 16:22	100
Magnesium	**150**		100		mg/L		10/06/25 09:05	10/07/25 16:22	100
Potassium	**13**		10		mg/L		10/06/25 09:05	10/07/25 16:32	10
Sodium	**2700**		100		mg/L		10/06/25 09:05	10/07/25 16:22	100

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**12000**		500		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			10/06/25 15:16	1
Specific Conductance (SM 2510B)	**21000**		100		umhos/cm			10/09/25 10:38	10
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			10/06/25 15:16	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-29

Date Collected: 09/28/25 13:40
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 08:55	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 08:55	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 08:55	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 08:55	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 08:55	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 08:55	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 08:55	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 08:55	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 08:55	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 08:55	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 08:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 08:55	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 08:55	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:55	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 08:55	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 08:55	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 08:55	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:55	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 08:55	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 08:55	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 08:55	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 08:55	1
2-Butanone	ND		10		ug/L			10/09/25 08:55	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 08:55	1
2-Hexanone	ND		10		ug/L			10/09/25 08:55	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 08:55	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 08:55	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 08:55	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 08:55	1
Acetone	ND		10		ug/L			10/09/25 08:55	1
Benzene	ND		1.0		ug/L			10/09/25 08:55	1
Bromobenzene	ND		1.0		ug/L			10/09/25 08:55	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 08:55	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 08:55	1
Bromoform	ND		1.0		ug/L			10/09/25 08:55	1
Bromomethane	ND		3.0		ug/L			10/09/25 08:55	1
Carbon disulfide	ND		10		ug/L			10/09/25 08:55	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 08:55	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 08:55	1
Chloroethane	ND		2.0		ug/L			10/09/25 08:55	1
Chloroform	ND		1.0		ug/L			10/09/25 08:55	1
Chloromethane	ND		3.0		ug/L			10/09/25 08:55	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 08:55	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 08:55	1
Dibromomethane	ND		1.0		ug/L			10/09/25 08:55	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 08:55	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 08:55	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 08:55	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 08:55	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-29
Date Collected: 09/28/25 13:40
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 08:55	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 08:55	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 08:55	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 08:55	1
Naphthalene	ND		2.0		ug/L			10/09/25 08:55	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 08:55	1
Styrene	ND		1.0		ug/L			10/09/25 08:55	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 08:55	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 08:55	1
Toluene	ND		1.0		ug/L			10/09/25 08:55	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 08:55	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 08:55	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 08:55	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 08:55	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 08:55	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*10/09/25 08:55*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 08:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/09/25 08:55*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*10/09/25 08:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			10/03/25 22:29	100
Nitrate as N	ND	H H3	10		mg/L			10/03/25 22:29	100
Chloride	**3800**		50		mg/L			10/03/25 22:29	100
Nitrite as N	ND	H H3	10		mg/L			10/03/25 22:29	100
Fluoride	ND		10		mg/L			10/03/25 22:29	100
Orthophosphate as P	ND	H H3	50		mg/L			10/03/25 22:29	100
Sulfate	**2100**		50		mg/L			10/03/25 22:29	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**880**		10		mg/L		10/06/25 09:05	10/07/25 16:34	10
Magnesium	**130**		10		mg/L		10/06/25 09:05	10/07/25 16:34	10
Potassium	**12**		10		mg/L		10/06/25 09:05	10/07/25 16:34	10
Sodium	**2100**		100		mg/L		10/06/25 09:05	10/07/25 16:36	100

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9900**		500		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			10/06/25 15:37	1
Specific Conductance (SM 2510B)	**17000**		100		umhos/cm			10/09/25 10:41	10
pH (SM 4500 H+ B)	**7.5**	**HF**	0.1		SU			10/06/25 15:37	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-31

Date Collected: 09/28/25 12:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-8

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 09:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 09:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 09:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 09:20	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 09:20	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 09:20	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 09:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 09:20	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 09:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 09:20	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 09:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 09:20	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 09:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 09:20	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 09:20	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 09:20	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 09:20	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 09:20	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 09:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 09:20	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 09:20	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 09:20	1
2-Butanone	ND		10		ug/L			10/09/25 09:20	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 09:20	1
2-Hexanone	ND		10		ug/L			10/09/25 09:20	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 09:20	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 09:20	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 09:20	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 09:20	1
Acetone	ND		10		ug/L			10/09/25 09:20	1
Benzene	ND		1.0		ug/L			10/09/25 09:20	1
Bromobenzene	ND		1.0		ug/L			10/09/25 09:20	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 09:20	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 09:20	1
Bromoform	ND		1.0		ug/L			10/09/25 09:20	1
Bromomethane	ND		3.0		ug/L			10/09/25 09:20	1
Carbon disulfide	ND		10		ug/L			10/09/25 09:20	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 09:20	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 09:20	1
Chloroethane	ND		2.0		ug/L			10/09/25 09:20	1
Chloroform	ND		1.0		ug/L			10/09/25 09:20	1
Chloromethane	ND		3.0		ug/L			10/09/25 09:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 09:20	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 09:20	1
Dibromomethane	ND		1.0		ug/L			10/09/25 09:20	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 09:20	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 09:20	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 09:20	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 09:20	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-31
Date Collected: 09/28/25 12:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 09:20	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 09:20	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 09:20	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 09:20	1
Naphthalene	ND		2.0		ug/L			10/09/25 09:20	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 09:20	1
Styrene	ND		1.0		ug/L			10/09/25 09:20	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 09:20	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 09:20	1
Toluene	ND		1.0		ug/L			10/09/25 09:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 09:20	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 09:20	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 09:20	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 09:20	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 09:20	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*10/09/25 09:20*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 09:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/09/25 09:20*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*10/09/25 09:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.1**		1.0		mg/L			10/03/25 22:57	10
Nitrate as N	ND	H H3	1.0		mg/L			10/03/25 22:57	10
Chloride	**510**		5.0		mg/L			10/03/25 22:57	10
Nitrite as N	ND	H H3	1.0		mg/L			10/03/25 22:57	10
Fluoride	ND		1.0		mg/L			10/03/25 22:57	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/03/25 22:57	10
Sulfate	**1900**		5.0		mg/L			10/03/25 22:57	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**520**		50		mg/L		10/06/25 09:09	10/07/25 16:41	50
Magnesium	**75**		5.0		mg/L		10/06/25 09:09	10/07/25 16:39	5
Potassium	**7.1**		5.0		mg/L		10/06/25 09:09	10/07/25 16:39	5
Sodium	**600**		50		mg/L		10/06/25 09:09	10/07/25 16:41	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3900**		100		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			10/06/25 15:50	1
Specific Conductance (SM 2510B)	**5100**		10		umhos/cm			10/06/25 15:50	1
pH (SM 4500 H+ B)	**7.6**	**HF**	0.1		SU			10/06/25 15:50	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-32

Date Collected: 09/28/25 10:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 09:44	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 09:44	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 09:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 09:44	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 09:44	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 09:44	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 09:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 09:44	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 09:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 09:44	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 09:44	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 09:44	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 09:44	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 09:44	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 09:44	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 09:44	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 09:44	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 09:44	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 09:44	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 09:44	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 09:44	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 09:44	1
2-Butanone	ND		10		ug/L			10/09/25 09:44	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 09:44	1
2-Hexanone	**25**		10		ug/L			10/09/25 09:44	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 09:44	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 09:44	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 09:44	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 09:44	1
Acetone	ND		10		ug/L			10/09/25 09:44	1
Benzene	ND		1.0		ug/L			10/09/25 09:44	1
Bromobenzene	ND		1.0		ug/L			10/09/25 09:44	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 09:44	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 09:44	1
Bromoform	ND		1.0		ug/L			10/09/25 09:44	1
Bromomethane	ND		3.0		ug/L			10/09/25 09:44	1
Carbon disulfide	ND		10		ug/L			10/09/25 09:44	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 09:44	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 09:44	1
Chloroethane	ND		2.0		ug/L			10/09/25 09:44	1
Chloroform	ND		1.0		ug/L			10/09/25 09:44	1
Chloromethane	ND		3.0		ug/L			10/09/25 09:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 09:44	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 09:44	1
Dibromomethane	ND		1.0		ug/L			10/09/25 09:44	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 09:44	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 09:44	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 09:44	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 09:44	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-32
Date Collected: 09/28/25 10:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-9
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 09:44	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 09:44	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 09:44	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 09:44	1
Naphthalene	ND		2.0		ug/L			10/09/25 09:44	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 09:44	1
Styrene	ND		1.0		ug/L			10/09/25 09:44	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 09:44	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 09:44	1
Toluene	ND		1.0		ug/L			10/09/25 09:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 09:44	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 09:44	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 09:44	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 09:44	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 09:44	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*10/09/25 09:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 09:44*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/09/25 09:44*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*10/09/25 09:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.8**		1.0		mg/L			10/03/25 23:26	10
Nitrate as N	ND	H H3	1.0		mg/L			10/03/25 23:26	10
Chloride	**1700**		50		mg/L			10/03/25 23:40	100
Nitrite as N	ND	H H3	1.0		mg/L			10/03/25 23:26	10
Fluoride	**1.2**		1.0		mg/L			10/03/25 23:26	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/03/25 23:26	10
Sulfate	**3300**		50		mg/L			10/03/25 23:40	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**500**		50		mg/L		10/06/25 09:09	10/07/25 16:45	50
Magnesium	**100**		5.0		mg/L		10/06/25 09:09	10/07/25 16:43	5
Potassium	**6.3**		5.0		mg/L		10/06/25 09:09	10/07/25 16:43	5
Sodium	**1700**		50		mg/L		10/06/25 09:09	10/07/25 16:45	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**6900**		250		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	**230**		20		mg/L			10/06/25 16:01	1
Specific Conductance (SM 2510B)	**9700**		10		umhos/cm			10/06/25 16:01	1
pH (SM 4500 H+ B)	**7.7**	**HF**	0.1		SU			10/06/25 16:01	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-33
Date Collected: 09/28/25 11:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 10:09	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 10:09	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 10:09	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 10:09	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 10:09	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 10:09	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 10:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 10:09	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 10:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 10:09	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 10:09	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 10:09	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 10:09	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 10:09	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 10:09	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 10:09	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 10:09	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 10:09	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 10:09	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 10:09	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 10:09	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 10:09	1
2-Butanone	ND		10		ug/L			10/09/25 10:09	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 10:09	1
2-Hexanone	ND		10		ug/L			10/09/25 10:09	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 10:09	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 10:09	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 10:09	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 10:09	1
Acetone	ND		10		ug/L			10/09/25 10:09	1
Benzene	ND		1.0		ug/L			10/09/25 10:09	1
Bromobenzene	ND		1.0		ug/L			10/09/25 10:09	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 10:09	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 10:09	1
Bromoform	ND		1.0		ug/L			10/09/25 10:09	1
Bromomethane	ND		3.0		ug/L			10/09/25 10:09	1
Carbon disulfide	ND		10		ug/L			10/09/25 10:09	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 10:09	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 10:09	1
Chloroethane	ND		2.0		ug/L			10/09/25 10:09	1
Chloroform	ND		1.0		ug/L			10/09/25 10:09	1
Chloromethane	ND		3.0		ug/L			10/09/25 10:09	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 10:09	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 10:09	1
Dibromomethane	ND		1.0		ug/L			10/09/25 10:09	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 10:09	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 10:09	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 10:09	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 10:09	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-33
Date Collected: 09/28/25 11:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 10:09	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 10:09	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 10:09	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 10:09	1
Naphthalene	ND		2.0		ug/L			10/09/25 10:09	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 10:09	1
Styrene	ND		1.0		ug/L			10/09/25 10:09	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 10:09	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 10:09	1
Toluene	ND		1.0		ug/L			10/09/25 10:09	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 10:09	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 10:09	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 10:09	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 10:09	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 10:09	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*10/09/25 10:09*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 10:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*10/09/25 10:09*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*10/09/25 10:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.5**		1.0		mg/L			10/04/25 00:22	10
Nitrate as N	ND	H H3	1.0		mg/L			10/04/25 00:22	10
Chloride	**740**		5.0		mg/L			10/04/25 00:22	10
Nitrite as N	ND	H H3	1.0		mg/L			10/04/25 00:22	10
Fluoride	ND		1.0		mg/L			10/04/25 00:22	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/04/25 00:22	10
Sulfate	**2300**		50		mg/L			10/04/25 00:36	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**550**		10		mg/L		10/06/25 09:09	10/07/25 16:47	10
Magnesium	**85**		10		mg/L		10/06/25 09:09	10/07/25 16:47	10
Potassium	**12**		10		mg/L		10/06/25 09:09	10/07/25 16:47	10
Sodium	**880**		10		mg/L		10/06/25 09:09	10/07/25 16:47	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4800**	**E**	100		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	**340**		20		mg/L			10/06/25 16:14	1
Specific Conductance (SM 2510B)	**6400**		10		umhos/cm			10/06/25 16:14	1
pH (SM 4500 H+ B)	**7.4**	**HF**	0.1		SU			10/06/25 16:14	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-34
Date Collected: 09/28/25 11:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,1,1-Trichloroethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,1,2,2-Tetrachloroethane	ND	P2	4.0		ug/L			10/09/25 10:34	2
1,1,2-Trichloroethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,1-Dichloroethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,1-Dichloroethene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,1-Dichloropropene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2,3-Trichlorobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2,3-Trichloropropane	ND	P2	4.0		ug/L			10/09/25 10:34	2
1,2,4-Trichlorobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2,4-Trimethylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2-Dibromo-3-Chloropropane	ND	P2	4.0		ug/L			10/09/25 10:34	2
1,2-Dibromoethane (EDB)	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2-Dichlorobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2-Dichloroethane (EDC)	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,2-Dichloropropane	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,3,5-Trimethylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,3-Dichlorobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,3-Dichloropropane	ND	P2	2.0		ug/L			10/09/25 10:34	2
1,4-Dichlorobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
1-Methylnaphthalene	ND	P2	8.0		ug/L			10/09/25 10:34	2
2,2-Dichloropropane	ND	P2	4.0		ug/L			10/09/25 10:34	2
2-Butanone	ND	P2	20		ug/L			10/09/25 10:34	2
2-Chlorotoluene	ND	P2	2.0		ug/L			10/09/25 10:34	2
2-Hexanone	ND	P2	20		ug/L			10/09/25 10:34	2
2-Methylnaphthalene	ND	P2	8.0		ug/L			10/09/25 10:34	2
4-Chlorotoluene	ND	P2	2.0		ug/L			10/09/25 10:34	2
4-Isopropyltoluene	ND	P2	2.0		ug/L			10/09/25 10:34	2
4-Methyl-2-pentanone	ND	P2	20		ug/L			10/09/25 10:34	2
Acetone	ND	P2	20		ug/L			10/09/25 10:34	2
Benzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Bromobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Bromodichloromethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
Dibromochloromethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
Bromoform	ND	P2	2.0		ug/L			10/09/25 10:34	2
Bromomethane	ND	P2	6.0		ug/L			10/09/25 10:34	2
Carbon disulfide	ND	P2	20		ug/L			10/09/25 10:34	2
Carbon tetrachloride	ND	P2	2.0		ug/L			10/09/25 10:34	2
Chlorobenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Chloroethane	ND	P2	4.0		ug/L			10/09/25 10:34	2
Chloroform	ND	P2	2.0		ug/L			10/09/25 10:34	2
Chloromethane	ND	P2	6.0		ug/L			10/09/25 10:34	2
cis-1,2-Dichloroethene	ND	P2	2.0		ug/L			10/09/25 10:34	2
cis-1,3-Dichloropropene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Dibromomethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
Dichlorodifluoromethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
Ethylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Hexachlorobutadiene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Isopropylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-34

Date Collected: 09/28/25 11:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-11

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND	P2	2.0		ug/L			10/09/25 10:34	2
Methylene Chloride	ND	P2	5.0		ug/L			10/09/25 10:34	2
n-Butylbenzene	ND	P2	6.0		ug/L			10/09/25 10:34	2
N-Propylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Naphthalene	ND	P2	4.0		ug/L			10/09/25 10:34	2
sec-Butylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Styrene	ND	P2	2.0		ug/L			10/09/25 10:34	2
tert-Butylbenzene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Tetrachloroethene (PCE)	ND	P2	2.0		ug/L			10/09/25 10:34	2
Toluene	ND	P2	2.0		ug/L			10/09/25 10:34	2
trans-1,2-Dichloroethene	ND	P2	2.0		ug/L			10/09/25 10:34	2
trans-1,3-Dichloropropene	ND	P2	2.0		ug/L			10/09/25 10:34	2
Trichloroethene (TCE)	ND	P2	2.0		ug/L			10/09/25 10:34	2
Trichlorofluoromethane	ND	P2	2.0		ug/L			10/09/25 10:34	2
Vinyl chloride	ND	P2	2.0		ug/L			10/09/25 10:34	2
Xylenes, Total	ND	P2	3.0		ug/L			10/09/25 10:34	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*	*P2*	*70 - 130*		*10/09/25 10:34*	*2*
Toluene-d8 (Surr)	*98*	*P2*	*70 - 130*		*10/09/25 10:34*	*2*
4-Bromofluorobenzene (Surr)	*98*	*P2*	*70 - 130*		*10/09/25 10:34*	*2*
Dibromofluoromethane (Surr)	*104*	*P2*	*70 - 130*		*10/09/25 10:34*	*2*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.1**		1.0		mg/L			10/04/25 00:50	10
Nitrate as N	ND	H H3	1.0		mg/L			10/04/25 00:50	10
Chloride	**2300**		50		mg/L			10/04/25 01:05	100
Nitrite as N	ND	H H3	10		mg/L			10/04/25 01:05	100
Fluoride	**2.1**		1.0		mg/L			10/04/25 00:50	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/04/25 00:50	10
Sulfate	**3100**		50		mg/L			10/04/25 01:05	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**610**		50		mg/L		10/06/25 09:09	10/07/25 16:59	50
Magnesium	**86**		5.0		mg/L		10/06/25 09:09	10/07/25 16:57	5
Potassium	**9.9**		5.0		mg/L		10/06/25 09:09	10/07/25 16:57	5
Sodium	**2000**		50		mg/L		10/06/25 09:09	10/07/25 16:59	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8700**		500		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	ND		20		mg/L			10/06/25 16:29	1
Specific Conductance (SM 2510B)	**14000**		100		umhos/cm			10/09/25 10:44	10
pH (SM 4500 H+ B)	**5.1**	**HF**	0.1		SU			10/06/25 16:29	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-36

Date Collected: 09/28/25 08:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-12

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 10:59	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 10:59	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 10:59	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 10:59	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 10:59	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 10:59	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 10:59	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 10:59	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 10:59	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 10:59	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 10:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 10:59	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 10:59	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 10:59	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 10:59	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 10:59	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 10:59	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 10:59	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 10:59	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 10:59	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 10:59	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 10:59	1
2-Butanone	ND		10		ug/L			10/09/25 10:59	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 10:59	1
2-Hexanone	ND		10		ug/L			10/09/25 10:59	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 10:59	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 10:59	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 10:59	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 10:59	1
Acetone	ND		10		ug/L			10/09/25 10:59	1
Benzene	ND		1.0		ug/L			10/09/25 10:59	1
Bromobenzene	ND		1.0		ug/L			10/09/25 10:59	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 10:59	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 10:59	1
Bromoform	ND		1.0		ug/L			10/09/25 10:59	1
Bromomethane	ND		3.0		ug/L			10/09/25 10:59	1
Carbon disulfide	ND		10		ug/L			10/09/25 10:59	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 10:59	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 10:59	1
Chloroethane	ND		2.0		ug/L			10/09/25 10:59	1
Chloroform	ND		1.0		ug/L			10/09/25 10:59	1
Chloromethane	ND		3.0		ug/L			10/09/25 10:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 10:59	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 10:59	1
Dibromomethane	ND		1.0		ug/L			10/09/25 10:59	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 10:59	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 10:59	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 10:59	1
Isopropylbenzene	ND		1.0		ug/L			10/09/25 10:59	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-36

Date Collected: 09/28/25 08:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-12

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 10:59	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 10:59	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 10:59	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 10:59	1
Naphthalene	ND		2.0		ug/L			10/09/25 10:59	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 10:59	1
Styrene	ND		1.0		ug/L			10/09/25 10:59	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 10:59	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 10:59	1
Toluene	ND		1.0		ug/L			10/09/25 10:59	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 10:59	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 10:59	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 10:59	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 10:59	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 10:59	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*10/09/25 10:59*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/09/25 10:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/09/25 10:59*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*10/09/25 10:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			10/04/25 01:19	10
Nitrate as N	ND	H H3	1.0		mg/L			10/04/25 01:19	10
Chloride	**49**		5.0		mg/L			10/04/25 01:19	10
Nitrite as N	ND	H H3	1.0		mg/L			10/04/25 01:19	10
Fluoride	**2.8**		1.0		mg/L			10/04/25 01:19	10
Orthophosphate as P	ND	H H3	5.0		mg/L			10/04/25 01:19	10
Sulfate	**1200**		5.0		mg/L			10/04/25 01:19	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**55**		1.0		mg/L		10/06/25 09:09	10/07/25 17:01	1
Magnesium	**5.3**		1.0		mg/L		10/06/25 09:09	10/07/25 17:01	1
Potassium	**1.6**		1.0		mg/L		10/06/25 09:09	10/07/25 17:01	1
Sodium	**600**		10		mg/L		10/06/25 09:09	10/07/25 17:03	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1900**		50		mg/L			10/04/25 12:16	1
Total Alkalinity as CaCO3 (SM 2320B)	**150**		20		mg/L			10/06/25 16:35	1
Specific Conductance (SM 2510B)	**2900**		10		umhos/cm			10/06/25 16:35	1
pH (SM 4500 H+ B)	**8.1**	**HF**	0.1		SU			10/06/25 16:35	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-36376/5
Matrix: Water
Analysis Batch: 36376

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			10/09/25 03:58	1
1,1,1-Trichloroethane	ND		1.0		ug/L			10/09/25 03:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			10/09/25 03:58	1
1,1,2-Trichloroethane	ND		1.0		ug/L			10/09/25 03:58	1
1,1-Dichloroethane	ND		1.0		ug/L			10/09/25 03:58	1
1,1-Dichloroethene	ND		1.0		ug/L			10/09/25 03:58	1
1,1-Dichloropropene	ND		1.0		ug/L			10/09/25 03:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/09/25 03:58	1
1,2,3-Trichloropropane	ND		2.0		ug/L			10/09/25 03:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/09/25 03:58	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			10/09/25 03:58	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			10/09/25 03:58	1
1,2-Dichlorobenzene	ND		1.0		ug/L			10/09/25 03:58	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			10/09/25 03:58	1
1,2-Dichloropropane	ND		1.0		ug/L			10/09/25 03:58	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
1,3-Dichlorobenzene	ND		1.0		ug/L			10/09/25 03:58	1
1,3-Dichloropropane	ND		1.0		ug/L			10/09/25 03:58	1
1,4-Dichlorobenzene	ND		1.0		ug/L			10/09/25 03:58	1
1-Methylnaphthalene	ND		4.0		ug/L			10/09/25 03:58	1
2,2-Dichloropropane	ND		2.0		ug/L			10/09/25 03:58	1
2-Butanone	ND		10		ug/L			10/09/25 03:58	1
2-Chlorotoluene	ND		1.0		ug/L			10/09/25 03:58	1
2-Hexanone	ND		10		ug/L			10/09/25 03:58	1
2-Methylnaphthalene	ND		4.0		ug/L			10/09/25 03:58	1
4-Chlorotoluene	ND		1.0		ug/L			10/09/25 03:58	1
4-Isopropyltoluene	ND		1.0		ug/L			10/09/25 03:58	1
4-Methyl-2-pentanone	ND		10		ug/L			10/09/25 03:58	1
Acetone	ND		10		ug/L			10/09/25 03:58	1
Benzene	ND		1.0		ug/L			10/09/25 03:58	1
Bromobenzene	ND		1.0		ug/L			10/09/25 03:58	1
Bromodichloromethane	ND		1.0		ug/L			10/09/25 03:58	1
Dibromochloromethane	ND		1.0		ug/L			10/09/25 03:58	1
Bromoform	ND		1.0		ug/L			10/09/25 03:58	1
Bromomethane	ND		3.0		ug/L			10/09/25 03:58	1
Carbon disulfide	ND		10		ug/L			10/09/25 03:58	1
Carbon tetrachloride	ND		1.0		ug/L			10/09/25 03:58	1
Chlorobenzene	ND		1.0		ug/L			10/09/25 03:58	1
Chloroethane	ND		2.0		ug/L			10/09/25 03:58	1
Chloroform	ND		1.0		ug/L			10/09/25 03:58	1
Chloromethane	ND		3.0		ug/L			10/09/25 03:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 03:58	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 03:58	1
Dibromomethane	ND		1.0		ug/L			10/09/25 03:58	1
Dichlorodifluoromethane	ND		1.0		ug/L			10/09/25 03:58	1
Ethylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
Hexachlorobutadiene	ND		1.0		ug/L			10/09/25 03:58	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-36376/5
Matrix: Water
Analysis Batch: 36376

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			10/09/25 03:58	1
Methylene Chloride	ND		2.5		ug/L			10/09/25 03:58	1
n-Butylbenzene	ND		3.0		ug/L			10/09/25 03:58	1
N-Propylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
Naphthalene	ND		2.0		ug/L			10/09/25 03:58	1
sec-Butylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
Styrene	ND		1.0		ug/L			10/09/25 03:58	1
tert-Butylbenzene	ND		1.0		ug/L			10/09/25 03:58	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			10/09/25 03:58	1
Toluene	ND		1.0		ug/L			10/09/25 03:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			10/09/25 03:58	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			10/09/25 03:58	1
Trichloroethene (TCE)	ND		1.0		ug/L			10/09/25 03:58	1
Trichlorofluoromethane	ND		1.0		ug/L			10/09/25 03:58	1
Vinyl chloride	ND		1.0		ug/L			10/09/25 03:58	1
Xylenes, Total	ND		1.5		ug/L			10/09/25 03:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*10/09/25 03:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*10/09/25 03:58*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/09/25 03:58*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*10/09/25 03:58*	*1*

Lab Sample ID: LCS 885-36376/4
Matrix: Water
Analysis Batch: 36376

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	18.4		ug/L		92	70 - 130		
Benzene			20.0	20.8		ug/L		104	70 - 130		
Chlorobenzene			20.0	20.3		ug/L		102	70 - 130		
Toluene			20.0	20.2		ug/L		101	70 - 130		
Trichloroethene (TCE)			20.0	18.9		ug/L		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*

Lab Sample ID: 885-34702-1 MS
Matrix: Water
Analysis Batch: 36376

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene	ND		20.0	18.7		ug/L		94	70 - 130		
Benzene	ND		20.0	21.4		ug/L		107	70 - 130		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-34702-1 MS
Matrix: Water
Analysis Batch: 36376

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	20.6		ug/L		103	70 - 130
Toluene	ND		20.0	20.4		ug/L		102	70 - 130
Trichloroethene (TCE)	ND		20.0	19.3		ug/L		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*

Lab Sample ID: 885-34702-1 MSD
Matrix: Water
Analysis Batch: 36376

Client Sample ID: MW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		20.0	17.4		ug/L		87	70 - 130	7	20
Benzene	ND		20.0	20.7		ug/L		104	70 - 130	3	20
Chlorobenzene	ND		20.0	19.7		ug/L		99	70 - 130	4	20
Toluene	ND		20.0	19.7		ug/L		99	70 - 130	4	20
Trichloroethene (TCE)	ND		20.0	18.7		ug/L		93	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-36053/4
Matrix: Water
Analysis Batch: 36053

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10	mg/L			10/03/25 16:11	1
Chloride	ND		0.50	mg/L			10/03/25 16:11	1
Fluoride	ND		0.10	mg/L			10/03/25 16:11	1
Sulfate	ND		0.50	mg/L			10/03/25 16:11	1

Lab Sample ID: LCS 885-36053/5
Matrix: Water
Analysis Batch: 36053

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	2.50	2.41		mg/L		96	90 - 110
Chloride	5.00	4.91		mg/L		98	90 - 110
Fluoride	0.500	0.473		mg/L		95	90 - 110
Sulfate	10.0	9.69		mg/L		97	90 - 110

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-36053/3
Matrix: Water
Analysis Batch: 36053

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	0.100	0.106		mg/L		106	50 - 150
Chloride	0.500	0.511		mg/L		102	50 - 150
Fluoride	0.100	0.103		mg/L		103	50 - 150
Sulfate	0.500	0.497	J	mg/L		99	50 - 150

Lab Sample ID: MB 885-36054/4
Matrix: Water
Analysis Batch: 36054

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			10/03/25 16:11	1
Nitrite as N	ND		0.10		mg/L			10/03/25 16:11	1
Orthophosphate as P	ND		0.50		mg/L			10/03/25 16:11	1

Lab Sample ID: LCS 885-36054/5
Matrix: Water
Analysis Batch: 36054

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.44		mg/L		98	90 - 110
Nitrite as N	1.00	0.939		mg/L		94	90 - 110
Orthophosphate as P	5.00	4.76		mg/L		95	90 - 110

Lab Sample ID: MRL 885-36054/3
Matrix: Water
Analysis Batch: 36054

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.101		mg/L		101	50 - 150
Nitrite as N	0.100	0.104		mg/L		104	50 - 150
Orthophosphate as P	0.500	0.537		mg/L		107	50 - 150

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-36293/26
Matrix: Water
Analysis Batch: 36293

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.479	J	mg/L		96	50 - 150
Magnesium	0.500	0.486	J	mg/L		97	50 - 150
Potassium	0.500	0.527	J	mg/L		105	50 - 150
Sodium	0.500	0.469	J	mg/L		94	50 - 150

Lab Sample ID: MRL 885-36339/25
Matrix: Water
Analysis Batch: 36339

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.517	J	mg/L		103	50 - 150

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MRL 885-36339/25
Matrix: Water
Analysis Batch: 36339

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	0.500	0.520	J	mg/L		104	50 - 150
Potassium	0.500	0.461	J	mg/L		92	50 - 150
Sodium	0.500	0.495	J	mg/L		99	50 - 150

Lab Sample ID: MB 885-36137/1-A
Matrix: Water
Analysis Batch: 36293

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 36137

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		1.0	mg/L		10/06/25 09:04	10/07/25 14:31	1
Magnesium	ND		1.0	mg/L		10/06/25 09:04	10/07/25 14:31	1
Potassium	ND		1.0	mg/L		10/06/25 09:04	10/07/25 14:31	1
Sodium	ND		1.0	mg/L		10/06/25 09:04	10/07/25 14:31	1

Lab Sample ID: LCS 885-36137/6-A
Matrix: Water
Analysis Batch: 36293

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 36137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	50.0	48.7		mg/L		97	85 - 115
Magnesium	50.0	50.9		mg/L		102	85 - 115
Potassium	50.0	52.3		mg/L		105	85 - 115
Sodium	50.0	51.6		mg/L		103	85 - 115

Lab Sample ID: LLCS 885-36137/5-A
Matrix: Water
Analysis Batch: 36293

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 36137

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.500	0.465	J	mg/L		93	50 - 150
Magnesium	0.500	0.474	J	mg/L		95	50 - 150
Potassium	0.500	0.508	J	mg/L		102	50 - 150
Sodium	0.500	0.455	J	mg/L		91	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-36097/1
Matrix: Water
Analysis Batch: 36097

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			10/04/25 12:16	1

Lab Sample ID: LCS 885-36097/2
Matrix: Water
Analysis Batch: 36097

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	990		mg/L		99	80 - 120

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 885-36122/1
Matrix: Water
Analysis Batch: 36122

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			10/05/25 10:44	1

Lab Sample ID: LCS 885-36122/2
Matrix: Water
Analysis Batch: 36122

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1000		mg/L		100	80 - 120		

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 885-36223/25
Matrix: Water
Analysis Batch: 36223

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	ND		20		mg/L			10/06/25 13:27	1

Lab Sample ID: LCS 885-36223/26
Matrix: Water
Analysis Batch: 36223

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			84.8	80.7		mg/L		95	90 - 110		

Lab Sample ID: MRL 885-36223/1
Matrix: Water
Analysis Batch: 36223

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			21.2	24.7		mg/L		117	50 - 150		

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: LCS 885-36224/35
Matrix: Water
Analysis Batch: 36224

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Specific Conductance			100	104		umhos/cm		104	85 - 115		

Lab Sample ID: MRL 885-36224/3
Matrix: Water
Analysis Batch: 36224

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Specific Conductance			9.49	ND		umhos/cm		95	50 - 150		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Method: SM 2510B - Conductivity, Specific Conductance (Continued)

Lab Sample ID: LCS 885-36452/4
Matrix: Water
Analysis Batch: 36452

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	100	101		umhos/cm		101	85 - 115

Lab Sample ID: MRL 885-36452/3
Matrix: Water
Analysis Batch: 36452

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	9.49	ND		umhos/cm		96	50 - 150

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

GC/MS VOA

Analysis Batch: 36376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	8260B	
885-34702-2	MW-13	Total/NA	Water	8260B	
885-34702-3	MW-15	Total/NA	Water	8260B	
885-34702-4	MW-18	Total/NA	Water	8260B	
885-34702-5	MW-27	Total/NA	Water	8260B	
885-34702-6	MW-28	Total/NA	Water	8260B	
885-34702-7	MW-29	Total/NA	Water	8260B	
885-34702-8	MW-31	Total/NA	Water	8260B	
885-34702-9	MW-32	Total/NA	Water	8260B	
885-34702-10	MW-33	Total/NA	Water	8260B	
885-34702-11	MW-34	Total/NA	Water	8260B	
885-34702-12	MW-36	Total/NA	Water	8260B	
MB 885-36376/5	Method Blank	Total/NA	Water	8260B	
LCS 885-36376/4	Lab Control Sample	Total/NA	Water	8260B	
885-34702-1 MS	MW-10	Total/NA	Water	8260B	
885-34702-1 MSD	MW-10	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 36053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	300.0	
885-34702-1	MW-10	Total/NA	Water	300.0	
885-34702-2	MW-13	Total/NA	Water	300.0	
885-34702-3	MW-15	Total/NA	Water	300.0	
885-34702-3	MW-15	Total/NA	Water	300.0	
885-34702-4	MW-18	Total/NA	Water	300.0	
885-34702-4	MW-18	Total/NA	Water	300.0	
885-34702-5	MW-27	Total/NA	Water	300.0	
885-34702-6	MW-28	Total/NA	Water	300.0	
885-34702-7	MW-29	Total/NA	Water	300.0	
885-34702-8	MW-31	Total/NA	Water	300.0	
885-34702-9	MW-32	Total/NA	Water	300.0	
885-34702-9	MW-32	Total/NA	Water	300.0	
885-34702-10	MW-33	Total/NA	Water	300.0	
885-34702-10	MW-33	Total/NA	Water	300.0	
885-34702-11	MW-34	Total/NA	Water	300.0	
885-34702-11	MW-34	Total/NA	Water	300.0	
885-34702-12	MW-36	Total/NA	Water	300.0	
MB 885-36053/4	Method Blank	Total/NA	Water	300.0	
LCS 885-36053/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-36053/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 36054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	300.0	
885-34702-1	MW-10	Total/NA	Water	300.0	
885-34702-2	MW-13	Total/NA	Water	300.0	
885-34702-3	MW-15	Total/NA	Water	300.0	
885-34702-4	MW-18	Total/NA	Water	300.0	
885-34702-4	MW-18	Total/NA	Water	300.0	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

HPLC/IC (Continued)

Analysis Batch: 36054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-5	MW-27	Total/NA	Water	300.0	
885-34702-6	MW-28	Total/NA	Water	300.0	
885-34702-7	MW-29	Total/NA	Water	300.0	
885-34702-8	MW-31	Total/NA	Water	300.0	
885-34702-9	MW-32	Total/NA	Water	300.0	
885-34702-10	MW-33	Total/NA	Water	300.0	
885-34702-11	MW-34	Total/NA	Water	300.0	
885-34702-11	MW-34	Total/NA	Water	300.0	
885-34702-12	MW-36	Total/NA	Water	300.0	
MB 885-36054/4	Method Blank	Total/NA	Water	300.0	
LCS 885-36054/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-36054/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 36137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total Recoverable	Water	200.2	
885-34702-2	MW-13	Total Recoverable	Water	200.2	
885-34702-3	MW-15	Total Recoverable	Water	200.2	
885-34702-4	MW-18	Total Recoverable	Water	200.2	
885-34702-5	MW-27	Total Recoverable	Water	200.2	
885-34702-6	MW-28	Total Recoverable	Water	200.2	
885-34702-7	MW-29	Total Recoverable	Water	200.2	
885-34702-8	MW-31	Total Recoverable	Water	200.2	
885-34702-9	MW-32	Total Recoverable	Water	200.2	
885-34702-10	MW-33	Total Recoverable	Water	200.2	
885-34702-11	MW-34	Total Recoverable	Water	200.2	
885-34702-12	MW-36	Total Recoverable	Water	200.2	
MB 885-36137/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-36137/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-36137/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 36293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-2	MW-13	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-2	MW-13	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-3	MW-15	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-3	MW-15	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-4	MW-18	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-4	MW-18	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-5	MW-27	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-5	MW-27	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-6	MW-28	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-6	MW-28	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-7	MW-29	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-7	MW-29	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-8	MW-31	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-8	MW-31	Total Recoverable	Water	200.7 Rev 4.4	36137

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Metals (Continued)

Analysis Batch: 36293 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-9	MW-32	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-9	MW-32	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-10	MW-33	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-11	MW-34	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-11	MW-34	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-12	MW-36	Total Recoverable	Water	200.7 Rev 4.4	36137
885-34702-12	MW-36	Total Recoverable	Water	200.7 Rev 4.4	36137
MB 885-36137/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	36137
LCS 885-36137/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	36137
LLCS 885-36137/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	36137
MRL 885-36293/26	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 36339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-4	MW-18	Total Recoverable	Water	200.7 Rev 4.4	36137
MRL 885-36339/25	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Analysis Batch: 36097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-6	MW-28	Total/NA	Water	2540C	
885-34702-7	MW-29	Total/NA	Water	2540C	
885-34702-8	MW-31	Total/NA	Water	2540C	
885-34702-9	MW-32	Total/NA	Water	2540C	
885-34702-10	MW-33	Total/NA	Water	2540C	
885-34702-11	MW-34	Total/NA	Water	2540C	
885-34702-12	MW-36	Total/NA	Water	2540C	
MB 885-36097/1	Method Blank	Total/NA	Water	2540C	
LCS 885-36097/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 36122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	2540C	
885-34702-2	MW-13	Total/NA	Water	2540C	
885-34702-3	MW-15	Total/NA	Water	2540C	
885-34702-4	MW-18	Total/NA	Water	2540C	
885-34702-5	MW-27	Total/NA	Water	2540C	
MB 885-36122/1	Method Blank	Total/NA	Water	2540C	
LCS 885-36122/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 36223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	SM 2320B	
885-34702-2	MW-13	Total/NA	Water	SM 2320B	
885-34702-3	MW-15	Total/NA	Water	SM 2320B	
885-34702-4	MW-18	Total/NA	Water	SM 2320B	
885-34702-5	MW-27	Total/NA	Water	SM 2320B	
885-34702-6	MW-28	Total/NA	Water	SM 2320B	
885-34702-7	MW-29	Total/NA	Water	SM 2320B	
885-34702-9	MW-32	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

General Chemistry (Continued)

Analysis Batch: 36223 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-10	MW-33	Total/NA	Water	SM 2320B	
885-34702-11	MW-34	Total/NA	Water	SM 2320B	
885-34702-12	MW-36	Total/NA	Water	SM 2320B	
MB 885-36223/25	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-36223/26	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 885-36223/1	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 36224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-3	MW-15	Total/NA	Water	SM 2510B	
885-34702-5	MW-27	Total/NA	Water	SM 2510B	
885-34702-9	MW-32	Total/NA	Water	SM 2510B	
885-34702-10	MW-33	Total/NA	Water	SM 2510B	
885-34702-12	MW-36	Total/NA	Water	SM 2510B	
LCS 885-36224/35	Lab Control Sample	Total/NA	Water	SM 2510B	
MRL 885-36224/3	Lab Control Sample	Total/NA	Water	SM 2510B	

Analysis Batch: 36225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	SM 4500 H+ B	
885-34702-2	MW-13	Total/NA	Water	SM 4500 H+ B	
885-34702-3	MW-15	Total/NA	Water	SM 4500 H+ B	
885-34702-4	MW-18	Total/NA	Water	SM 4500 H+ B	
885-34702-5	MW-27	Total/NA	Water	SM 4500 H+ B	
885-34702-6	MW-28	Total/NA	Water	SM 4500 H+ B	
885-34702-7	MW-29	Total/NA	Water	SM 4500 H+ B	
885-34702-9	MW-32	Total/NA	Water	SM 4500 H+ B	
885-34702-10	MW-33	Total/NA	Water	SM 4500 H+ B	
885-34702-11	MW-34	Total/NA	Water	SM 4500 H+ B	
885-34702-12	MW-36	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 36317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-8	MW-31	Total/NA	Water	SM 2320B	

Analysis Batch: 36318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-8	MW-31	Total/NA	Water	SM 2510B	

Analysis Batch: 36319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-8	MW-31	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 36452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-34702-1	MW-10	Total/NA	Water	SM 2510B	
885-34702-2	MW-13	Total/NA	Water	SM 2510B	
885-34702-4	MW-18	Total/NA	Water	SM 2510B	
885-34702-6	MW-28	Total/NA	Water	SM 2510B	
885-34702-7	MW-29	Total/NA	Water	SM 2510B	
885-34702-11	MW-34	Total/NA	Water	SM 2510B	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

General Chemistry (Continued)

Analysis Batch: 36452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-36452/4	Lab Control Sample	Total/NA	Water	SM 2510B	
MRL 885-36452/3	Lab Control Sample	Total/NA	Water	SM 2510B	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-10

Date Collected: 09/30/25 12:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 05:37
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/03/25 19:11
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/03/25 19:11
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 19:25
Total/NA	Analysis	300.0		100	36054	EH	EET ALB	10/03/25 19:25
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 15:53
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		100	36293	VP	EET ALB	10/07/25 15:55
Total/NA	Analysis	2540C		1	36122	HR	EET ALB	10/05/25 10:44
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 14:19
Total/NA	Analysis	SM 2510B		10	36452	MA	EET ALB	10/09/25 10:29
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 14:19

Client Sample ID: MW-13

Date Collected: 09/30/25 10:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 06:51
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 19:39
Total/NA	Analysis	300.0		100	36054	EH	EET ALB	10/03/25 19:39
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		100	36293	VP	EET ALB	10/07/25 15:57
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 16:06
Total/NA	Analysis	2540C		1	36122	HR	EET ALB	10/05/25 10:44
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 14:29
Total/NA	Analysis	SM 2510B		10	36452	MA	EET ALB	10/09/25 10:32
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 14:29

Client Sample ID: MW-15

Date Collected: 09/30/25 13:50
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 07:16
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/03/25 20:07
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/03/25 20:07
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 20:22
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		5	36293	VP	EET ALB	10/07/25 16:08

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-15

Lab Sample ID: 885-34702-3

Date Collected: 09/30/25 13:50
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		50	36293	VP	EET ALB	10/07/25 16:11
Total/NA	Analysis	2540C		1	36122	HR	EET ALB	10/05/25 10:44
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 14:39
Total/NA	Analysis	SM 2510B		1	36224	MA	EET ALB	10/06/25 14:39
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 14:39

Client Sample ID: MW-18

Lab Sample ID: 885-34702-4

Date Collected: 09/30/25 09:30
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 07:41
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/03/25 20:36
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/03/25 20:36
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 20:50
Total/NA	Analysis	300.0		100	36054	EH	EET ALB	10/03/25 20:50
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		5	36339	JF	EET ALB	10/08/25 13:22
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 16:12
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		100	36293	VP	EET ALB	10/07/25 16:14
Total/NA	Analysis	2540C		1	36122	HR	EET ALB	10/05/25 10:44
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 14:51
Total/NA	Analysis	SM 2510B		10	36452	MA	EET ALB	10/09/25 10:35
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 14:51

Client Sample ID: MW-27

Lab Sample ID: 885-34702-5

Date Collected: 09/30/25 12:45
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 08:05
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/03/25 21:32
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/03/25 21:32
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		5	36293	VP	EET ALB	10/07/25 16:18
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		50	36293	VP	EET ALB	10/07/25 16:20
Total/NA	Analysis	2540C		1	36122	HR	EET ALB	10/05/25 10:44
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 15:04
Total/NA	Analysis	SM 2510B		1	36224	MA	EET ALB	10/06/25 15:04

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-27

Lab Sample ID: 885-34702-5

Date Collected: 09/30/25 12:45
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 15:04

Client Sample ID: MW-28

Lab Sample ID: 885-34702-6

Date Collected: 09/28/25 14:30
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 08:30
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 22:01
Total/NA	Analysis	300.0		100	36054	EH	EET ALB	10/03/25 22:01
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		100	36293	VP	EET ALB	10/07/25 16:22
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 16:32
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 15:16
Total/NA	Analysis	SM 2510B		10	36452	MA	EET ALB	10/09/25 10:38
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 15:16

Client Sample ID: MW-29

Lab Sample ID: 885-34702-7

Date Collected: 09/28/25 13:40
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 08:55
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 22:29
Total/NA	Analysis	300.0		100	36054	EH	EET ALB	10/03/25 22:29
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 16:34
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:05
Total Recoverable	Analysis	200.7 Rev 4.4		100	36293	VP	EET ALB	10/07/25 16:36
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 15:37
Total/NA	Analysis	SM 2510B		10	36452	MA	EET ALB	10/09/25 10:41
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 15:37

Client Sample ID: MW-31

Lab Sample ID: 885-34702-8

Date Collected: 09/28/25 12:45
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 09:20
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/03/25 22:57

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-31

Lab Sample ID: 885-34702-8

Date Collected: 09/28/25 12:45
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/03/25 22:57
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		5	36293	VP	EET ALB	10/07/25 16:39
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		50	36293	VP	EET ALB	10/07/25 16:41
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36317	DL	EET ALB	10/06/25 15:50
Total/NA	Analysis	SM 2510B		1	36318	DL	EET ALB	10/06/25 15:50
Total/NA	Analysis	SM 4500 H+ B		1	36319	DL	EET ALB	10/06/25 15:50

Client Sample ID: MW-32

Lab Sample ID: 885-34702-9

Date Collected: 09/28/25 10:00
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 09:44
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/03/25 23:26
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/03/25 23:26
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/03/25 23:40
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		5	36293	VP	EET ALB	10/07/25 16:43
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		50	36293	VP	EET ALB	10/07/25 16:45
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 16:01
Total/NA	Analysis	SM 2510B		1	36224	MA	EET ALB	10/06/25 16:01
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 16:01

Client Sample ID: MW-33

Lab Sample ID: 885-34702-10

Date Collected: 09/28/25 11:50
Matrix: Water
Date Received: 10/03/25 08:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 10:09
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/04/25 00:22
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/04/25 00:22
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/04/25 00:36
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 16:47
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 16:14
Total/NA	Analysis	SM 2510B		1	36224	MA	EET ALB	10/06/25 16:14
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 16:14

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Client Sample ID: MW-34

Date Collected: 09/28/25 11:00
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		2	36376	CM	EET ALB	10/09/25 10:34
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/04/25 00:50
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/04/25 00:50
Total/NA	Analysis	300.0		100	36053	EH	EET ALB	10/04/25 01:05
Total/NA	Analysis	300.0		100	36054	EH	EET ALB	10/04/25 01:05
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		5	36293	VP	EET ALB	10/07/25 16:57
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		50	36293	VP	EET ALB	10/07/25 16:59
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 16:29
Total/NA	Analysis	SM 2510B		10	36452	MA	EET ALB	10/09/25 10:44
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 16:29

Client Sample ID: MW-36

Date Collected: 09/28/25 08:45
Date Received: 10/03/25 08:05

Lab Sample ID: 885-34702-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	36376	CM	EET ALB	10/09/25 10:59
Total/NA	Analysis	300.0		10	36053	EH	EET ALB	10/04/25 01:19
Total/NA	Analysis	300.0		10	36054	EH	EET ALB	10/04/25 01:19
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		1	36293	VP	EET ALB	10/07/25 17:01
Total Recoverable	Prep	200.2			36137	VP	EET ALB	10/06/25 09:09
Total Recoverable	Analysis	200.7 Rev 4.4		10	36293	VP	EET ALB	10/07/25 17:03
Total/NA	Analysis	2540C		1	36097	HR	EET ALB	10/04/25 12:16
Total/NA	Analysis	SM 2320B		1	36223	MA	EET ALB	10/06/25 16:35
Total/NA	Analysis	SM 2510B		1	36224	MA	EET ALB	10/06/25 16:35
Total/NA	Analysis	SM 4500 H+ B		1	36225	MA	EET ALB	10/06/25 16:35

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

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
200.7 Rev 4.4	200.2	Water	Calcium
200.7 Rev 4.4	200.2	Water	Magnesium
200.7 Rev 4.4	200.2	Water	Potassium
200.7 Rev 4.4	200.2	Water	Sodium
2540C		Water	Total Dissolved Solids
300.0		Water	Bromide
300.0		Water	Chloride
300.0		Water	Fluoride
300.0		Water	Nitrate as N
300.0		Water	Nitrite as N
300.0		Water	Orthophosphate as P
300.0		Water	Sulfate
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-34702-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-26

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
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total
SM 2320B		Water	Total Alkalinity as CaCO3
SM 2510B		Water	Specific Conductance
SM 4500 H+ B		Water	pH

Chain-of-Custody Record

Client: Hilcorp Farmington NM

Mailing Address: 382 Road 3100 Aztec, NM 87410

Billing Address: PO Box 61529 Houston, TX 77208

Phone #: 505-486-9543

email or Fax#: Brandon.Sinclair@hilcorp.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

X Standard ☐ Rush

Project Name: Salty Dog Pipeline

Project #:

Project Manager: Mitch Killough

Sampler: Brandon Sinclair

On Ice: ☐ Yes ☐ No

# of Coolers: A669

Cooler Temp(including CF): 1.0+0.3=1.3

HALL ENVIRONMENTAL ANALYSIS LABORA

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 8710

Tel. 505-345-3975 Fax 505-345-4107

885-34702 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Cations/Anions/TDS/pH/Alkalinity (1) Liter Plastic	Volatiles 8260B 40ml VOA HCl
9-30	1200	Water	MW-10	Various	Various	1	X	X
		~~Water~~	~~MW-12~~	~~Various~~	~~Various~~		~~X~~	~~X~~
9-30	1050	Water	MW-13	Various	Various	2	X	X
9-30	1350	Water	MW-15	Various	Various	3	X	X
9-30	930	Water	MW-18	Various	Various	4	X	X
9-30	1245	Water	MW-27	Various	Various	5	X	X
9-28	1430	Water	MW-28	Various	Various	6	X	X
9-28	1340	Water	MW-29	Various	Various	7	X	X
9-28	1245	Water	MW-31	Various	Various	8	X	X
9-28	1000	Water	MW-32	Various	Various	9	X	X
9-28	1150	Water	MW-33	Various	Various	10	X	X
9-28	1100	Water	MW-34	Various	Various	11	X	X
		~~Water~~	~~MW-35~~	Various	Various		~~X~~	~~X~~
9-28	845	Water	MW-36	Various	Various	12	X	X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
10/2/25	1637				10/2/25	1631
10/2/25	1730			courier	10/3/25	8:05

Preserve the Cation/Anions in the lab. Cations: Calcium, Magnesium, Potassium and Sodium, Anions:Bromide, Chloride, Sulfate, Fluoride, Nitrate+Nitrite and Phosphorous.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-34702-1

Login Number: 34702 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 1/21/2026 10:38:50 AM

JOB DESCRIPTION

Salty Dog Pipeline

JOB NUMBER

885-40289-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
1/21/2026 10:38:50 AM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Laboratory Job ID: 885-40289-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-40289-1
Project/Site: Salty Dog Pipeline

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-40289-1

Job ID: 885-40289-1 Eurofins Albuquerque

Job Narrative
885-40289-1

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 12/24/2025 6:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.7°C, 1.0°C and 2.2°C.

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

HPLC/IC
Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-40289-1), MW-13 (885-40289-2), MW-15 (885-40289-3), MW-27 (885-40289-5), MW-29 (885-40289-7), MW-31 (885-40289-8), MW-32 (885-40289-9), MW-33 (885-40289-10), MW-34 (885-40289-11), MW-35 (885-40289-12) and MW-36 (885-40289-13). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-40289-1), MW-18 (885-40289-4), MW-28 (885-40289-6) and MW-34 (885-40289-11). Elevated reporting limits (RLs) are provided. Sample chromatogram overlay with MRL shows likely Cl interference with NO2, reporting NO2 from higher dilution.

Method 300.0: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-29 (885-40289-7), MW-31 (885-40289-8), MW-32 (885-40289-9), MW-33 (885-40289-10), MW-34 (885-40289-11), MW-35 (885-40289-12) and MW-36 (885-40289-13).

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

Metals
Method 200.7 Rev 4.4 - Total Recoverable: The continuing calibration blank (CCB) for analytical batch 860-285752 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 200.7 Rev 4.4 - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: MW-29 (885-40289-7). Elevated reporting limits (RLs) are provided.

Method 200.7 Rev 4.4 - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-285499 and analytical batch 860-285929 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 200.7 Rev 4.4 - Total Recoverable: The following samples were diluted due to the nature of the sample matrix: MW-13 (885-40289-2), MW-27 (885-40289-5), MW-28 (885-40289-6), MW-31 (885-40289-8) and MW-33 (885-40289-10). Elevated reporting limits (RLs) are provided.

Method 200.7 Rev 4.4 - Total Recoverable: The following samples were diluted due to the nature of the sample matrix: MW-10 (885-40289-1), MW-15 (885-40289-3), MW-18 (885-40289-4), MW-34 (885-40289-11) and MW-35 (885-40289-12). Elevated reporting limits (RLs) are provided.

Case Narrative

Client: Hilcorp Energy
Project: Salty Dog Pipeline

Job ID: 885-40289-1

Job ID: 885-40289-1 (Continued) Eurofins Albuquerque

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

General Chemistry
Method 2540C: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: MW-27 (885-40289-5) and MW-33 (885-40289-10). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 2540C: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: MW-15 (885-40289-3). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-10

Date Collected: 12/23/25 11:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 17:36	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 17:36	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 17:36	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 17:36	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 17:36	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 17:36	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 17:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 17:36	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 17:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 17:36	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 17:36	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 17:36	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 17:36	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 17:36	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 17:36	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 17:36	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 17:36	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 17:36	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 17:36	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 17:36	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 17:36	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 17:36	1
2-Butanone	ND		10		ug/L			01/02/26 17:36	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 17:36	1
2-Hexanone	ND		10		ug/L			01/02/26 17:36	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 17:36	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 17:36	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 17:36	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 17:36	1
Acetone	ND		10		ug/L			01/02/26 17:36	1
Benzene	ND		1.0		ug/L			01/02/26 17:36	1
Bromobenzene	ND		1.0		ug/L			01/02/26 17:36	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 17:36	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 17:36	1
Bromoform	ND		1.0		ug/L			01/02/26 17:36	1
Bromomethane	ND		3.0		ug/L			01/02/26 17:36	1
Carbon disulfide	ND		10		ug/L			01/02/26 17:36	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 17:36	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 17:36	1
Chloroethane	ND		2.0		ug/L			01/02/26 17:36	1
Chloroform	ND		1.0		ug/L			01/02/26 17:36	1
Chloromethane	ND		3.0		ug/L			01/02/26 17:36	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 17:36	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 17:36	1
Dibromomethane	ND		1.0		ug/L			01/02/26 17:36	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 17:36	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 17:36	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 17:36	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 17:36	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-10
Date Collected: 12/23/25 11:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 17:36	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 17:36	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 17:36	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 17:36	1
Naphthalene	ND		2.0		ug/L			01/02/26 17:36	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 17:36	1
Styrene	ND		1.0		ug/L			01/02/26 17:36	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 17:36	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 17:36	1
Toluene	ND		1.0		ug/L			01/02/26 17:36	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 17:36	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 17:36	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 17:36	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 17:36	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 17:36	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*01/02/26 17:36*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/02/26 17:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*01/02/26 17:36*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*01/02/26 17:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.9**		1.0		mg/L			12/24/25 14:25	10
Nitrate as N	ND		1.0		mg/L			12/24/25 14:25	10
Chloride	**3300**		50		mg/L			12/24/25 14:35	100
Nitrite as N	ND		10		mg/L			12/24/25 14:35	100
Fluoride	**1.2**		1.0		mg/L			12/24/25 14:25	10
Orthophosphate as P	ND		5.0		mg/L			12/24/25 14:25	10
Sulfate	**1900**		5.0		mg/L			12/24/25 14:25	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**900**		10		mg/L		01/03/26 11:06	01/05/26 12:16	50
Magnesium	**94**		1.0		mg/L		01/03/26 11:06	01/05/26 12:08	5
Potassium	**12**		2.5		mg/L		01/03/26 11:06	01/05/26 12:08	5
Sodium	**1600**		25		mg/L		01/03/26 11:06	01/05/26 12:16	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8800**		500		mg/L			12/29/25 10:29	1
Total Alkalinity as CaCO3 (SM 2320B)	**150**		20		mg/L			12/31/25 20:51	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			12/31/25 20:51	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-13

Date Collected: 12/23/25 10:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 18:03	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 18:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 18:03	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 18:03	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 18:03	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 18:03	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 18:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 18:03	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 18:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 18:03	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 18:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 18:03	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 18:03	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:03	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 18:03	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 18:03	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 18:03	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:03	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 18:03	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:03	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 18:03	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 18:03	1
2-Butanone	ND		10		ug/L			01/02/26 18:03	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 18:03	1
2-Hexanone	ND		10		ug/L			01/02/26 18:03	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 18:03	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 18:03	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 18:03	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 18:03	1
Acetone	ND		10		ug/L			01/02/26 18:03	1
Benzene	ND		1.0		ug/L			01/02/26 18:03	1
Bromobenzene	ND		1.0		ug/L			01/02/26 18:03	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 18:03	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 18:03	1
Bromoform	ND		1.0		ug/L			01/02/26 18:03	1
Bromomethane	ND		3.0		ug/L			01/02/26 18:03	1
Carbon disulfide	ND		10		ug/L			01/02/26 18:03	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 18:03	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 18:03	1
Chloroethane	ND		2.0		ug/L			01/02/26 18:03	1
Chloroform	ND		1.0		ug/L			01/02/26 18:03	1
Chloromethane	ND		3.0		ug/L			01/02/26 18:03	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 18:03	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 18:03	1
Dibromomethane	ND		1.0		ug/L			01/02/26 18:03	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 18:03	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 18:03	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 18:03	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 18:03	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-13
Date Collected: 12/23/25 10:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 18:03	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 18:03	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 18:03	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 18:03	1
Naphthalene	ND		2.0		ug/L			01/02/26 18:03	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 18:03	1
Styrene	ND		1.0		ug/L			01/02/26 18:03	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 18:03	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 18:03	1
Toluene	ND		1.0		ug/L			01/02/26 18:03	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 18:03	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 18:03	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 18:03	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 18:03	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 18:03	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*01/02/26 18:03*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*01/02/26 18:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*01/02/26 18:03*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*01/02/26 18:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			12/24/25 14:46	100
Nitrate as N	ND		10		mg/L			12/24/25 14:46	100
Chloride	**5100**		50		mg/L			12/24/25 14:46	100
Nitrite as N	ND		10		mg/L			12/24/25 14:46	100
Fluoride	ND		10		mg/L			12/24/25 14:46	100
Orthophosphate as P	ND		50		mg/L			12/24/25 14:46	100
Sulfate	**2100**		50		mg/L			12/24/25 14:46	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**870**		2.0		mg/L		01/02/26 10:29	01/05/26 15:13	10
Magnesium	**110**		2.0		mg/L		01/02/26 10:29	01/05/26 15:13	10
Potassium	**13**		5.0		mg/L		01/02/26 10:29	01/05/26 15:13	10
Sodium	**2200**		5.0		mg/L		01/02/26 10:29	01/05/26 15:13	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**12000**		500		mg/L			12/29/25 10:29	1
Total Alkalinity as CaCO3 (SM 2320B)	**150**		20		mg/L			12/31/25 21:04	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			12/31/25 21:04	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-15

Date Collected: 12/23/25 13:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 18:31	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 18:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 18:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 18:31	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 18:31	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 18:31	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 18:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 18:31	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 18:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 18:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 18:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 18:31	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 18:31	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:31	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 18:31	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 18:31	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 18:31	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:31	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 18:31	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:31	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 18:31	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 18:31	1
2-Butanone	ND		10		ug/L			01/02/26 18:31	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 18:31	1
2-Hexanone	ND		10		ug/L			01/02/26 18:31	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 18:31	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 18:31	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 18:31	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 18:31	1
Acetone	ND		10		ug/L			01/02/26 18:31	1
Benzene	ND		1.0		ug/L			01/02/26 18:31	1
Bromobenzene	ND		1.0		ug/L			01/02/26 18:31	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 18:31	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 18:31	1
Bromoform	ND		1.0		ug/L			01/02/26 18:31	1
Bromomethane	ND		3.0		ug/L			01/02/26 18:31	1
Carbon disulfide	ND		10		ug/L			01/02/26 18:31	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 18:31	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 18:31	1
Chloroethane	ND		2.0		ug/L			01/02/26 18:31	1
Chloroform	ND		1.0		ug/L			01/02/26 18:31	1
Chloromethane	ND		3.0		ug/L			01/02/26 18:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 18:31	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 18:31	1
Dibromomethane	ND		1.0		ug/L			01/02/26 18:31	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 18:31	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 18:31	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 18:31	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 18:31	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-15
Date Collected: 12/23/25 13:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 18:31	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 18:31	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 18:31	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 18:31	1
Naphthalene	ND		2.0		ug/L			01/02/26 18:31	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 18:31	1
Styrene	ND		1.0		ug/L			01/02/26 18:31	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 18:31	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 18:31	1
Toluene	ND		1.0		ug/L			01/02/26 18:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 18:31	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 18:31	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 18:31	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 18:31	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 18:31	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*01/02/26 18:31*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*01/02/26 18:31*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*01/02/26 18:31*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*01/02/26 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.3**		1.0		mg/L			12/24/25 15:08	10
Nitrate as N	**1.0**		1.0		mg/L			12/24/25 15:08	10
Chloride	**640**		5.0		mg/L			12/24/25 15:08	10
Nitrite as N	ND		1.0		mg/L			12/24/25 15:08	10
Fluoride	ND		1.0		mg/L			12/24/25 15:08	10
Orthophosphate as P	ND		5.0		mg/L			12/24/25 15:08	10
Sulfate	**2100**		50		mg/L			12/24/25 15:19	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**510**		10		mg/L		01/03/26 11:06	01/05/26 12:17	50
Magnesium	**66**		1.0		mg/L		01/03/26 11:06	01/05/26 12:09	5
Potassium	**9.0**		2.5		mg/L		01/03/26 11:06	01/05/26 12:09	5
Sodium	**610**		2.5		mg/L		01/03/26 11:06	01/05/26 12:09	5

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4300**	**E**	100		mg/L			12/29/25 10:29	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			12/31/25 21:17	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			12/31/25 21:17	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-18
Date Collected: 12/23/25 09:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 18:58	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 18:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 18:58	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 18:58	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 18:58	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 18:58	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 18:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 18:58	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 18:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 18:58	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 18:58	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 18:58	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 18:58	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:58	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 18:58	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 18:58	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 18:58	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:58	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 18:58	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 18:58	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 18:58	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 18:58	1
2-Butanone	ND		10		ug/L			01/02/26 18:58	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 18:58	1
2-Hexanone	ND		10		ug/L			01/02/26 18:58	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 18:58	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 18:58	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 18:58	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 18:58	1
Acetone	ND		10		ug/L			01/02/26 18:58	1
Benzene	ND		1.0		ug/L			01/02/26 18:58	1
Bromobenzene	ND		1.0		ug/L			01/02/26 18:58	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 18:58	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 18:58	1
Bromoform	ND		1.0		ug/L			01/02/26 18:58	1
Bromomethane	ND		3.0		ug/L			01/02/26 18:58	1
Carbon disulfide	ND		10		ug/L			01/02/26 18:58	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 18:58	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 18:58	1
Chloroethane	ND		2.0		ug/L			01/02/26 18:58	1
Chloroform	ND		1.0		ug/L			01/02/26 18:58	1
Chloromethane	ND		3.0		ug/L			01/02/26 18:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 18:58	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 18:58	1
Dibromomethane	ND		1.0		ug/L			01/02/26 18:58	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 18:58	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 18:58	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 18:58	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 18:58	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-18
Date Collected: 12/23/25 09:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 18:58	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 18:58	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 18:58	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 18:58	1
Naphthalene	ND		2.0		ug/L			01/02/26 18:58	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 18:58	1
Styrene	ND		1.0		ug/L			01/02/26 18:58	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 18:58	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 18:58	1
Toluene	ND		1.0		ug/L			01/02/26 18:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 18:58	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 18:58	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 18:58	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 18:58	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 18:58	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*01/02/26 18:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/02/26 18:58*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/02/26 18:58*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/02/26 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**2.7**		1.0		mg/L			12/24/25 15:30	10
Nitrate as N	**1.3**		1.0		mg/L			12/24/25 15:30	10
Chloride	**2100**		50		mg/L			12/24/25 15:40	100
Nitrite as N	ND		10		mg/L			12/24/25 15:40	100
Fluoride	**1.1**		1.0		mg/L			12/24/25 15:30	10
Orthophosphate as P	ND		5.0		mg/L			12/24/25 15:30	10
Sulfate	**3500**		50		mg/L			12/24/25 15:40	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**590**		10		mg/L		01/03/26 11:06	01/05/26 12:19	50
Magnesium	**90**		1.0		mg/L		01/03/26 11:06	01/05/26 12:11	5
Potassium	**13**		2.5		mg/L		01/03/26 11:06	01/05/26 12:11	5
Sodium	**2000**		25		mg/L		01/03/26 11:06	01/05/26 12:19	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8100**		500		mg/L			12/29/25 10:29	1
Total Alkalinity as CaCO3 (SM 2320B)	**270**		20		mg/L			12/31/25 21:31	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			12/31/25 21:31	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-27
Date Collected: 12/23/25 12:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 19:25	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 19:25	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 19:25	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 19:25	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 19:25	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 19:25	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 19:25	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 19:25	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 19:25	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 19:25	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 19:25	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 19:25	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 19:25	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 19:25	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 19:25	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 19:25	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 19:25	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 19:25	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 19:25	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 19:25	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 19:25	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 19:25	1
2-Butanone	ND		10		ug/L			01/02/26 19:25	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 19:25	1
2-Hexanone	ND		10		ug/L			01/02/26 19:25	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 19:25	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 19:25	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 19:25	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 19:25	1
Acetone	ND		10		ug/L			01/02/26 19:25	1
Benzene	ND		1.0		ug/L			01/02/26 19:25	1
Bromobenzene	ND		1.0		ug/L			01/02/26 19:25	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 19:25	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 19:25	1
Bromoform	ND		1.0		ug/L			01/02/26 19:25	1
Bromomethane	ND		3.0		ug/L			01/02/26 19:25	1
Carbon disulfide	ND		10		ug/L			01/02/26 19:25	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 19:25	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 19:25	1
Chloroethane	ND		2.0		ug/L			01/02/26 19:25	1
Chloroform	ND		1.0		ug/L			01/02/26 19:25	1
Chloromethane	ND		3.0		ug/L			01/02/26 19:25	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 19:25	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 19:25	1
Dibromomethane	ND		1.0		ug/L			01/02/26 19:25	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 19:25	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 19:25	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 19:25	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 19:25	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-27
Date Collected: 12/23/25 12:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-5
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 19:25	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 19:25	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 19:25	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 19:25	1
Naphthalene	ND		2.0		ug/L			01/02/26 19:25	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 19:25	1
Styrene	ND		1.0		ug/L			01/02/26 19:25	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 19:25	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 19:25	1
Toluene	ND		1.0		ug/L			01/02/26 19:25	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 19:25	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 19:25	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 19:25	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 19:25	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 19:25	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*01/02/26 19:25*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*01/02/26 19:25*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*01/02/26 19:25*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*01/02/26 19:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.3**		1.0		mg/L			12/24/25 16:13	10
Nitrate as N	ND		1.0		mg/L			12/24/25 16:13	10
Chloride	**710**		5.0		mg/L			12/24/25 16:13	10
Nitrite as N	ND		1.0		mg/L			12/24/25 16:13	10
Fluoride	ND		1.0		mg/L			12/24/25 16:13	10
Orthophosphate as P	ND		5.0		mg/L			12/24/25 16:13	10
Sulfate	**2100**		50		mg/L			12/24/25 16:24	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**530**		2.0		mg/L		01/02/26 10:29	01/05/26 15:15	10
Magnesium	**65**		2.0		mg/L		01/02/26 10:29	01/05/26 15:15	10
Potassium	**11**		5.0		mg/L		01/02/26 10:29	01/05/26 15:15	10
Sodium	**690**		5.0		mg/L		01/02/26 10:29	01/05/26 15:15	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4500**	**E**	100		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			12/31/25 21:47	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			12/31/25 21:47	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-28
Date Collected: 12/22/25 17:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 19:53	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 19:53	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 19:53	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 19:53	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 19:53	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 19:53	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 19:53	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 19:53	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 19:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 19:53	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 19:53	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 19:53	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 19:53	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 19:53	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 19:53	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 19:53	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 19:53	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 19:53	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 19:53	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 19:53	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 19:53	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 19:53	1
2-Butanone	ND		10		ug/L			01/02/26 19:53	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 19:53	1
2-Hexanone	ND		10		ug/L			01/02/26 19:53	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 19:53	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 19:53	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 19:53	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 19:53	1
Acetone	ND		10		ug/L			01/02/26 19:53	1
Benzene	ND		1.0		ug/L			01/02/26 19:53	1
Bromobenzene	ND		1.0		ug/L			01/02/26 19:53	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 19:53	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 19:53	1
Bromoform	ND		1.0		ug/L			01/02/26 19:53	1
Bromomethane	ND		3.0		ug/L			01/02/26 19:53	1
Carbon disulfide	ND		10		ug/L			01/02/26 19:53	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 19:53	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 19:53	1
Chloroethane	ND		2.0		ug/L			01/02/26 19:53	1
Chloroform	ND		1.0		ug/L			01/02/26 19:53	1
Chloromethane	ND		3.0		ug/L			01/02/26 19:53	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 19:53	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 19:53	1
Dibromomethane	ND		1.0		ug/L			01/02/26 19:53	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 19:53	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 19:53	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 19:53	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 19:53	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-28
Date Collected: 12/22/25 17:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-6
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 19:53	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 19:53	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 19:53	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 19:53	1
Naphthalene	ND		2.0		ug/L			01/02/26 19:53	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 19:53	1
Styrene	ND		1.0		ug/L			01/02/26 19:53	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 19:53	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 19:53	1
Toluene	ND		1.0		ug/L			01/02/26 19:53	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 19:53	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 19:53	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 19:53	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 19:53	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 19:53	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*01/02/26 19:53*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/02/26 19:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/02/26 19:53*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/02/26 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**4.9**		1.0		mg/L			12/24/25 16:35	10
Nitrate as N	**2.2**		1.0		mg/L			12/24/25 16:35	10
Chloride	**4000**		50		mg/L			12/24/25 16:46	100
Nitrite as N	ND		10		mg/L			12/24/25 16:46	100
Fluoride	**1.0**		1.0		mg/L			12/24/25 16:35	10
Orthophosphate as P	ND		5.0		mg/L			12/24/25 16:35	10
Sulfate	**2300**		50		mg/L			12/24/25 16:46	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**880**		2.0		mg/L		01/02/26 10:29	01/05/26 15:29	10
Magnesium	**130**		2.0		mg/L		01/02/26 10:29	01/05/26 15:29	10
Potassium	**16**		5.0		mg/L		01/02/26 10:29	01/05/26 15:29	10
Sodium	**2100**		5.0		mg/L		01/02/26 10:29	01/05/26 15:29	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9900**		500		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			12/31/25 22:02	1
pH (SM 4500 H+ B)	**7.8**	**HF**	0.1		SU			12/31/25 22:02	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-29

Date Collected: 12/22/25 16:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-7

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 20:20	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 20:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 20:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 20:20	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 20:20	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 20:20	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 20:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 20:20	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 20:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 20:20	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 20:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 20:20	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 20:20	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 20:20	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 20:20	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 20:20	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 20:20	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 20:20	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 20:20	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 20:20	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 20:20	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 20:20	1
2-Butanone	ND		10		ug/L			01/02/26 20:20	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 20:20	1
2-Hexanone	ND		10		ug/L			01/02/26 20:20	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 20:20	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 20:20	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 20:20	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 20:20	1
Acetone	ND		10		ug/L			01/02/26 20:20	1
Benzene	ND		1.0		ug/L			01/02/26 20:20	1
Bromobenzene	ND		1.0		ug/L			01/02/26 20:20	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 20:20	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 20:20	1
Bromoform	ND		1.0		ug/L			01/02/26 20:20	1
Bromomethane	ND		3.0		ug/L			01/02/26 20:20	1
Carbon disulfide	ND		10		ug/L			01/02/26 20:20	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 20:20	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 20:20	1
Chloroethane	ND		2.0		ug/L			01/02/26 20:20	1
Chloroform	ND		1.0		ug/L			01/02/26 20:20	1
Chloromethane	ND		3.0		ug/L			01/02/26 20:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 20:20	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 20:20	1
Dibromomethane	ND		1.0		ug/L			01/02/26 20:20	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 20:20	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 20:20	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 20:20	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 20:20	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-29
Date Collected: 12/22/25 16:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-7
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 20:20	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 20:20	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 20:20	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 20:20	1
Naphthalene	ND		2.0		ug/L			01/02/26 20:20	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 20:20	1
Styrene	ND		1.0		ug/L			01/02/26 20:20	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 20:20	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 20:20	1
Toluene	ND		1.0		ug/L			01/02/26 20:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 20:20	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 20:20	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 20:20	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 20:20	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 20:20	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*01/02/26 20:20*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*01/02/26 20:20*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/02/26 20:20*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*01/02/26 20:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		10		mg/L			12/24/25 16:56	100
Nitrate as N	ND	H	10		mg/L			12/24/25 16:56	100
Chloride	**5100**		50		mg/L			12/24/25 16:56	100
Nitrite as N	ND	H	10		mg/L			12/24/25 16:56	100
Fluoride	ND		10		mg/L			12/24/25 16:56	100
Orthophosphate as P	ND	H	50		mg/L			12/24/25 16:56	100
Sulfate	**2100**		50		mg/L			12/24/25 16:56	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1100**		10		mg/L		01/02/26 10:29	01/05/26 14:41	50
Magnesium	**150**		10		mg/L		01/02/26 10:29	01/05/26 14:41	50
Potassium	ND	F1	25		mg/L		01/02/26 10:29	01/05/26 14:41	50
Sodium	**2500**		25		mg/L		01/02/26 10:29	01/05/26 14:41	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**11000**		500		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**210**		20		mg/L			12/31/25 22:16	1
pH (SM 4500 H+ B)	**7.8**	**HF**	0.1		SU			12/31/25 22:16	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-31
Date Collected: 12/22/25 15:20
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 20:48	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 20:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 20:48	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 20:48	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 20:48	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 20:48	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 20:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 20:48	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 20:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 20:48	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 20:48	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 20:48	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 20:48	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 20:48	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 20:48	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 20:48	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 20:48	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 20:48	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 20:48	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 20:48	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 20:48	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 20:48	1
2-Butanone	ND		10		ug/L			01/02/26 20:48	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 20:48	1
2-Hexanone	ND		10		ug/L			01/02/26 20:48	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 20:48	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 20:48	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 20:48	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 20:48	1
Acetone	ND		10		ug/L			01/02/26 20:48	1
Benzene	ND		1.0		ug/L			01/02/26 20:48	1
Bromobenzene	ND		1.0		ug/L			01/02/26 20:48	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 20:48	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 20:48	1
Bromoform	ND		1.0		ug/L			01/02/26 20:48	1
Bromomethane	ND		3.0		ug/L			01/02/26 20:48	1
Carbon disulfide	ND		10		ug/L			01/02/26 20:48	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 20:48	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 20:48	1
Chloroethane	ND		2.0		ug/L			01/02/26 20:48	1
Chloroform	ND		1.0		ug/L			01/02/26 20:48	1
Chloromethane	ND		3.0		ug/L			01/02/26 20:48	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 20:48	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 20:48	1
Dibromomethane	ND		1.0		ug/L			01/02/26 20:48	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 20:48	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 20:48	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 20:48	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 20:48	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-31
Date Collected: 12/22/25 15:20
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-8
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 20:48	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 20:48	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 20:48	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 20:48	1
Naphthalene	ND		2.0		ug/L			01/02/26 20:48	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 20:48	1
Styrene	ND		1.0		ug/L			01/02/26 20:48	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 20:48	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 20:48	1
Toluene	ND		1.0		ug/L			01/02/26 20:48	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 20:48	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 20:48	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 20:48	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 20:48	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 20:48	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*01/02/26 20:48*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/02/26 20:48*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*01/02/26 20:48*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*01/02/26 20:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.2**		1.0		mg/L			12/24/25 17:18	10
Nitrate as N	ND	H	1.0		mg/L			12/24/25 17:18	10
Chloride	**530**		5.0		mg/L			12/24/25 17:18	10
Nitrite as N	ND	H	1.0		mg/L			12/24/25 17:18	10
Fluoride	ND		1.0		mg/L			12/24/25 17:18	10
Orthophosphate as P	ND	H	5.0		mg/L			12/24/25 17:18	10
Sulfate	**2100**		50		mg/L			12/24/25 17:29	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**560**		2.0		mg/L		01/02/26 10:29	01/05/26 15:31	10
Magnesium	**72**		2.0		mg/L		01/02/26 10:29	01/05/26 15:31	10
Potassium	**8.2**		5.0		mg/L		01/02/26 10:29	01/05/26 15:31	10
Sodium	**580**		5.0		mg/L		01/02/26 10:29	01/05/26 15:31	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3900**		100		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**220**		20		mg/L			12/31/25 22:42	1
pH (SM 4500 H+ B)	**7.9**	**HF**	0.1		SU			12/31/25 22:42	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-32

Date Collected: 12/22/25 11:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 21:15	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 21:15	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 21:15	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 21:15	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 21:15	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 21:15	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 21:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 21:15	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 21:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 21:15	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 21:15	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 21:15	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 21:15	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 21:15	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 21:15	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 21:15	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 21:15	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 21:15	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 21:15	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 21:15	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 21:15	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 21:15	1
2-Butanone	ND		10		ug/L			01/02/26 21:15	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 21:15	1
2-Hexanone	ND		10		ug/L			01/02/26 21:15	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 21:15	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 21:15	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 21:15	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 21:15	1
Acetone	ND		10		ug/L			01/02/26 21:15	1
Benzene	ND		1.0		ug/L			01/02/26 21:15	1
Bromobenzene	ND		1.0		ug/L			01/02/26 21:15	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 21:15	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 21:15	1
Bromoform	ND		1.0		ug/L			01/02/26 21:15	1
Bromomethane	ND		3.0		ug/L			01/02/26 21:15	1
Carbon disulfide	ND		10		ug/L			01/02/26 21:15	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 21:15	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 21:15	1
Chloroethane	ND		2.0		ug/L			01/02/26 21:15	1
Chloroform	ND		1.0		ug/L			01/02/26 21:15	1
Chloromethane	ND		3.0		ug/L			01/02/26 21:15	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 21:15	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 21:15	1
Dibromomethane	ND		1.0		ug/L			01/02/26 21:15	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 21:15	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 21:15	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 21:15	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 21:15	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-32

Date Collected: 12/22/25 11:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-9

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 21:15	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 21:15	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 21:15	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 21:15	1
Naphthalene	ND		2.0		ug/L			01/02/26 21:15	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 21:15	1
Styrene	ND		1.0		ug/L			01/02/26 21:15	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 21:15	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 21:15	1
Toluene	ND		1.0		ug/L			01/02/26 21:15	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 21:15	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 21:15	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 21:15	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 21:15	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 21:15	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*01/02/26 21:15*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*01/02/26 21:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/02/26 21:15*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/02/26 21:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.6**		1.0		mg/L			12/24/25 17:40	10
Nitrate as N	ND	H	1.0		mg/L			12/24/25 17:40	10
Chloride	**1300**		50		mg/L			12/24/25 17:51	100
Nitrite as N	ND	H	1.0		mg/L			12/24/25 17:40	10
Fluoride	**1.3**		1.0		mg/L			12/24/25 17:40	10
Orthophosphate as P	ND	H	5.0		mg/L			12/24/25 17:40	10
Sulfate	**3100**		50		mg/L			12/24/25 17:51	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**490**		0.20		mg/L		12/31/25 20:42	01/03/26 17:04	1
Magnesium	**94**		0.20		mg/L		12/31/25 20:42	01/03/26 17:04	1
Potassium	**12**		0.50		mg/L		12/31/25 20:42	01/03/26 17:04	1
Sodium	**1500**	**^2**	25		mg/L		12/31/25 20:42	01/03/26 17:16	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**6400**		250		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**240**		20		mg/L			12/31/25 22:56	1
pH (SM 4500 H+ B)	**8.0**	**HF**	0.1		SU			12/31/25 22:56	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-33
Date Collected: 12/22/25 14:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 21:43	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 21:43	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 21:43	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 21:43	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 21:43	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 21:43	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 21:43	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 21:43	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 21:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 21:43	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 21:43	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 21:43	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 21:43	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 21:43	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 21:43	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 21:43	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 21:43	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 21:43	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 21:43	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 21:43	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 21:43	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 21:43	1
2-Butanone	ND		10		ug/L			01/02/26 21:43	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 21:43	1
2-Hexanone	ND		10		ug/L			01/02/26 21:43	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 21:43	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 21:43	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 21:43	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 21:43	1
Acetone	ND		10		ug/L			01/02/26 21:43	1
Benzene	ND		1.0		ug/L			01/02/26 21:43	1
Bromobenzene	ND		1.0		ug/L			01/02/26 21:43	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 21:43	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 21:43	1
Bromoform	ND		1.0		ug/L			01/02/26 21:43	1
Bromomethane	ND		3.0		ug/L			01/02/26 21:43	1
Carbon disulfide	ND		10		ug/L			01/02/26 21:43	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 21:43	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 21:43	1
Chloroethane	ND		2.0		ug/L			01/02/26 21:43	1
Chloroform	ND		1.0		ug/L			01/02/26 21:43	1
Chloromethane	ND		3.0		ug/L			01/02/26 21:43	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 21:43	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 21:43	1
Dibromomethane	ND		1.0		ug/L			01/02/26 21:43	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 21:43	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 21:43	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 21:43	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 21:43	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-33
Date Collected: 12/22/25 14:15
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-10
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 21:43	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 21:43	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 21:43	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 21:43	1
Naphthalene	ND		2.0		ug/L			01/02/26 21:43	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 21:43	1
Styrene	ND		1.0		ug/L			01/02/26 21:43	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 21:43	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 21:43	1
Toluene	ND		1.0		ug/L			01/02/26 21:43	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 21:43	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 21:43	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 21:43	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 21:43	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 21:43	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*01/02/26 21:43*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*01/02/26 21:43*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*01/02/26 21:43*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*01/02/26 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**1.6**		1.0		mg/L			12/24/25 18:23	10
Nitrate as N	ND	H	1.0		mg/L			12/24/25 18:23	10
Chloride	**760**		5.0		mg/L			12/24/25 18:23	10
Nitrite as N	ND	H	1.0		mg/L			12/24/25 18:23	10
Fluoride	**1.0**		1.0		mg/L			12/24/25 18:23	10
Orthophosphate as P	ND	H	5.0		mg/L			12/24/25 18:23	10
Sulfate	**2300**		50		mg/L			12/24/25 18:34	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**510**		2.0		mg/L		01/02/26 10:29	01/05/26 15:32	10
Magnesium	**75**		2.0		mg/L		01/02/26 10:29	01/05/26 15:32	10
Potassium	**14**		5.0		mg/L		01/02/26 10:29	01/05/26 15:32	10
Sodium	**720**		5.0		mg/L		01/02/26 10:29	01/05/26 15:32	10

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4700**	**E**	100		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**330**		20		mg/L			12/31/25 23:11	1
pH (SM 4500 H+ B)	**7.8**	**HF**	0.1		SU			12/31/25 23:11	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-34
Date Collected: 12/22/25 13:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 22:10	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 22:10	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 22:10	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 22:10	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 22:10	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 22:10	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 22:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 22:10	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 22:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 22:10	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 22:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 22:10	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 22:10	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 22:10	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 22:10	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 22:10	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 22:10	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 22:10	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 22:10	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 22:10	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 22:10	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 22:10	1
2-Butanone	ND		10		ug/L			01/02/26 22:10	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 22:10	1
2-Hexanone	ND		10		ug/L			01/02/26 22:10	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 22:10	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 22:10	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 22:10	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 22:10	1
Acetone	ND		10		ug/L			01/02/26 22:10	1
Benzene	ND		1.0		ug/L			01/02/26 22:10	1
Bromobenzene	ND		1.0		ug/L			01/02/26 22:10	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 22:10	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 22:10	1
Bromoform	ND		1.0		ug/L			01/02/26 22:10	1
Bromomethane	ND		3.0		ug/L			01/02/26 22:10	1
Carbon disulfide	ND		10		ug/L			01/02/26 22:10	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 22:10	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 22:10	1
Chloroethane	ND		2.0		ug/L			01/02/26 22:10	1
Chloroform	ND		1.0		ug/L			01/02/26 22:10	1
Chloromethane	ND		3.0		ug/L			01/02/26 22:10	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 22:10	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 22:10	1
Dibromomethane	ND		1.0		ug/L			01/02/26 22:10	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 22:10	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 22:10	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 22:10	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 22:10	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-34
Date Collected: 12/22/25 13:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-11
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 22:10	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 22:10	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 22:10	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 22:10	1
Naphthalene	ND		2.0		ug/L			01/02/26 22:10	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 22:10	1
Styrene	ND		1.0		ug/L			01/02/26 22:10	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 22:10	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 22:10	1
Toluene	ND		1.0		ug/L			01/02/26 22:10	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 22:10	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 22:10	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 22:10	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 22:10	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 22:10	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*01/02/26 22:10*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/02/26 22:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*01/02/26 22:10*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*01/02/26 22:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**3.5**		1.0		mg/L			12/24/25 18:45	10
Nitrate as N	ND	H	1.0		mg/L			12/24/25 18:45	10
Chloride	**2600**		50		mg/L			12/24/25 18:56	100
Nitrite as N	ND	H	10		mg/L			12/24/25 18:56	100
Fluoride	**3.0**		1.0		mg/L			12/24/25 18:45	10
Orthophosphate as P	ND	H	5.0		mg/L			12/24/25 18:45	10
Sulfate	**3600**		50		mg/L			12/24/25 18:56	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**660**		10		mg/L		01/03/26 11:06	01/05/26 12:21	50
Magnesium	**110**		1.0		mg/L		01/03/26 11:06	01/05/26 12:12	5
Potassium	**16**		2.5		mg/L		01/03/26 11:06	01/05/26 12:12	5
Sodium	**2000**		25		mg/L		01/03/26 11:06	01/05/26 12:21	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**8000**		250		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	ND		20		mg/L			12/31/25 23:29	1
pH (SM 4500 H+ B)	**3.2**	**HF**	0.1		SU			12/31/25 23:29	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-35
Date Collected: 12/22/25 12:10
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 22:37	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 22:37	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 22:37	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 22:37	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 22:37	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 22:37	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 22:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 22:37	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 22:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 22:37	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 22:37	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 22:37	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 22:37	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 22:37	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 22:37	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 22:37	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 22:37	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 22:37	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 22:37	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 22:37	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 22:37	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 22:37	1
2-Butanone	ND		10		ug/L			01/02/26 22:37	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 22:37	1
2-Hexanone	ND		10		ug/L			01/02/26 22:37	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 22:37	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 22:37	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 22:37	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 22:37	1
Acetone	ND		10		ug/L			01/02/26 22:37	1
Benzene	ND		1.0		ug/L			01/02/26 22:37	1
Bromobenzene	ND		1.0		ug/L			01/02/26 22:37	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 22:37	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 22:37	1
Bromoform	ND		1.0		ug/L			01/02/26 22:37	1
Bromomethane	ND		3.0		ug/L			01/02/26 22:37	1
Carbon disulfide	ND		10		ug/L			01/02/26 22:37	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 22:37	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 22:37	1
Chloroethane	ND		2.0		ug/L			01/02/26 22:37	1
Chloroform	ND		1.0		ug/L			01/02/26 22:37	1
Chloromethane	ND		3.0		ug/L			01/02/26 22:37	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 22:37	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 22:37	1
Dibromomethane	ND		1.0		ug/L			01/02/26 22:37	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 22:37	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 22:37	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 22:37	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 22:37	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-35
Date Collected: 12/22/25 12:10
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-12
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 22:37	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 22:37	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 22:37	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 22:37	1
Naphthalene	ND		2.0		ug/L			01/02/26 22:37	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 22:37	1
Styrene	ND		1.0		ug/L			01/02/26 22:37	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 22:37	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 22:37	1
Toluene	ND		1.0		ug/L			01/02/26 22:37	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 22:37	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 22:37	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 22:37	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 22:37	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 22:37	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*01/02/26 22:37*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*01/02/26 22:37*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*01/02/26 22:37*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*01/02/26 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1.0		mg/L			12/24/25 19:07	10
Nitrate as N	ND	H	1.0		mg/L			12/24/25 19:07	10
Chloride	**88**		5.0		mg/L			12/24/25 19:07	10
Nitrite as N	ND	H	1.0		mg/L			12/24/25 19:07	10
Fluoride	**3.0**		1.0		mg/L			12/24/25 19:07	10
Orthophosphate as P	ND	H	5.0		mg/L			12/24/25 19:07	10
Sulfate	**930**		5.0		mg/L			12/24/25 19:07	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**37**		1.0		mg/L		01/03/26 11:06	01/05/26 12:14	5
Magnesium	**6.8**		1.0		mg/L		01/03/26 11:06	01/05/26 12:14	5
Potassium	**3.1**		2.5		mg/L		01/03/26 11:06	01/05/26 12:14	5
Sodium	**620**		2.5		mg/L		01/03/26 11:06	01/05/26 12:14	5

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2100**		100		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**640**		20		mg/L			12/31/25 23:36	1
pH (SM 4500 H+ B)	**8.2**	**HF**	0.1		SU			12/31/25 23:36	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-36
Date Collected: 12/22/25 10:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-13
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 23:05	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 23:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 23:05	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 23:05	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 23:05	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 23:05	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 23:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 23:05	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 23:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 23:05	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 23:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 23:05	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 23:05	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 23:05	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 23:05	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 23:05	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 23:05	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 23:05	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 23:05	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 23:05	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 23:05	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 23:05	1
2-Butanone	ND		10		ug/L			01/02/26 23:05	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 23:05	1
2-Hexanone	ND		10		ug/L			01/02/26 23:05	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 23:05	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 23:05	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 23:05	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 23:05	1
Acetone	ND		10		ug/L			01/02/26 23:05	1
Benzene	ND		1.0		ug/L			01/02/26 23:05	1
Bromobenzene	ND		1.0		ug/L			01/02/26 23:05	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 23:05	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 23:05	1
Bromoform	ND		1.0		ug/L			01/02/26 23:05	1
Bromomethane	ND		3.0		ug/L			01/02/26 23:05	1
Carbon disulfide	ND		10		ug/L			01/02/26 23:05	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 23:05	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 23:05	1
Chloroethane	ND		2.0		ug/L			01/02/26 23:05	1
Chloroform	ND		1.0		ug/L			01/02/26 23:05	1
Chloromethane	ND		3.0		ug/L			01/02/26 23:05	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 23:05	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 23:05	1
Dibromomethane	ND		1.0		ug/L			01/02/26 23:05	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 23:05	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 23:05	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 23:05	1
Isopropylbenzene	ND		1.0		ug/L			01/02/26 23:05	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-36
Date Collected: 12/22/25 10:00
Date Received: 12/24/25 06:40

Lab Sample ID: 885-40289-13
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 23:05	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 23:05	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 23:05	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 23:05	1
Naphthalene	ND		2.0		ug/L			01/02/26 23:05	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 23:05	1
Styrene	ND		1.0		ug/L			01/02/26 23:05	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 23:05	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 23:05	1
Toluene	ND		1.0		ug/L			01/02/26 23:05	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 23:05	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 23:05	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 23:05	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 23:05	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 23:05	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*01/02/26 23:05*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*01/02/26 23:05*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*01/02/26 23:05*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*01/02/26 23:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.50		mg/L			12/24/25 19:50	5
Nitrate as N	ND	H	0.50		mg/L			12/24/25 19:50	5
Chloride	**51**		2.5		mg/L			12/24/25 19:50	5
Nitrite as N	ND	H	0.50		mg/L			12/24/25 19:50	5
Fluoride	**3.1**		0.50		mg/L			12/24/25 19:50	5
Orthophosphate as P	ND	H	2.5		mg/L			12/24/25 19:50	5
Sulfate	**1200**		10		mg/L			12/24/25 20:01	20

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**69**		0.20		mg/L		12/31/25 20:42	01/03/26 16:57	1
Magnesium	**7.0**		0.20		mg/L		12/31/25 20:42	01/03/26 16:57	1
Potassium	**3.4**		0.50		mg/L		12/31/25 20:42	01/03/26 16:57	1
Sodium	**640**	**^2**	25		mg/L		12/31/25 20:42	01/03/26 16:59	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1800**		100		mg/L			12/26/25 12:53	1
Total Alkalinity as CaCO3 (SM 2320B)	**140**		20		mg/L			01/01/26 00:04	1
pH (SM 4500 H+ B)	**8.3**	**HF**	0.1		SU			01/01/26 00:04	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-40793/4
Matrix: Water
Analysis Batch: 40793

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			01/02/26 13:29	1
1,1,1-Trichloroethane	ND		1.0		ug/L			01/02/26 13:29	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			01/02/26 13:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/02/26 13:29	1
1,1-Dichloroethane	ND		1.0		ug/L			01/02/26 13:29	1
1,1-Dichloroethene	ND		1.0		ug/L			01/02/26 13:29	1
1,1-Dichloropropene	ND		1.0		ug/L			01/02/26 13:29	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/02/26 13:29	1
1,2,3-Trichloropropane	ND		2.0		ug/L			01/02/26 13:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/02/26 13:29	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			01/02/26 13:29	1
1,2-Dibromoethane (EDB)	ND		1.0		ug/L			01/02/26 13:29	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/02/26 13:29	1
1,2-Dichloroethane (EDC)	ND		1.0		ug/L			01/02/26 13:29	1
1,2-Dichloropropane	ND		1.0		ug/L			01/02/26 13:29	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
1,3-Dichlorobenzene	ND		1.0		ug/L			01/02/26 13:29	1
1,3-Dichloropropane	ND		1.0		ug/L			01/02/26 13:29	1
1,4-Dichlorobenzene	ND		1.0		ug/L			01/02/26 13:29	1
1-Methylnaphthalene	ND		4.0		ug/L			01/02/26 13:29	1
2,2-Dichloropropane	ND		2.0		ug/L			01/02/26 13:29	1
2-Butanone	ND		10		ug/L			01/02/26 13:29	1
2-Chlorotoluene	ND		1.0		ug/L			01/02/26 13:29	1
2-Hexanone	ND		10		ug/L			01/02/26 13:29	1
2-Methylnaphthalene	ND		4.0		ug/L			01/02/26 13:29	1
4-Chlorotoluene	ND		1.0		ug/L			01/02/26 13:29	1
4-Isopropyltoluene	ND		1.0		ug/L			01/02/26 13:29	1
4-Methyl-2-pentanone	ND		10		ug/L			01/02/26 13:29	1
Acetone	ND		10		ug/L			01/02/26 13:29	1
Benzene	ND		1.0		ug/L			01/02/26 13:29	1
Bromobenzene	ND		1.0		ug/L			01/02/26 13:29	1
Bromodichloromethane	ND		1.0		ug/L			01/02/26 13:29	1
Dibromochloromethane	ND		1.0		ug/L			01/02/26 13:29	1
Bromoform	ND		1.0		ug/L			01/02/26 13:29	1
Bromomethane	ND		3.0		ug/L			01/02/26 13:29	1
Carbon disulfide	ND		10		ug/L			01/02/26 13:29	1
Carbon tetrachloride	ND		1.0		ug/L			01/02/26 13:29	1
Chlorobenzene	ND		1.0		ug/L			01/02/26 13:29	1
Chloroethane	ND		2.0		ug/L			01/02/26 13:29	1
Chloroform	ND		1.0		ug/L			01/02/26 13:29	1
Chloromethane	ND		3.0		ug/L			01/02/26 13:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 13:29	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 13:29	1
Dibromomethane	ND		1.0		ug/L			01/02/26 13:29	1
Dichlorodifluoromethane	ND		1.0		ug/L			01/02/26 13:29	1
Ethylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
Hexachlorobutadiene	ND		1.0		ug/L			01/02/26 13:29	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-40793/4
Matrix: Water
Analysis Batch: 40793

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0		ug/L			01/02/26 13:29	1
Methylene Chloride	ND		2.5		ug/L			01/02/26 13:29	1
n-Butylbenzene	ND		3.0		ug/L			01/02/26 13:29	1
N-Propylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
Naphthalene	ND		2.0		ug/L			01/02/26 13:29	1
sec-Butylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
Styrene	ND		1.0		ug/L			01/02/26 13:29	1
tert-Butylbenzene	ND		1.0		ug/L			01/02/26 13:29	1
Tetrachloroethene (PCE)	ND		1.0		ug/L			01/02/26 13:29	1
Toluene	ND		1.0		ug/L			01/02/26 13:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/02/26 13:29	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/02/26 13:29	1
Trichloroethene (TCE)	ND		1.0		ug/L			01/02/26 13:29	1
Trichlorofluoromethane	ND		1.0		ug/L			01/02/26 13:29	1
Vinyl chloride	ND		1.0		ug/L			01/02/26 13:29	1
Xylenes, Total	ND		1.5		ug/L			01/02/26 13:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*01/02/26 13:29*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*01/02/26 13:29*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*01/02/26 13:29*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*01/02/26 13:29*	*1*

Lab Sample ID: LCS 885-40793/3
Matrix: Water
Analysis Batch: 40793

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1-Dichloroethene			20.0	17.5		ug/L		87	70 - 130		
Benzene			20.0	18.8		ug/L		94	70 - 130		
Chlorobenzene			20.0	23.1		ug/L		116	70 - 130		
Toluene			20.0	23.0		ug/L		115	70 - 130		
Trichloroethene (TCE)			20.0	18.8		ug/L		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-40454/4
Matrix: Water
Analysis Batch: 40454

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.10		mg/L			12/24/25 12:14	1
Chloride	ND		0.50		mg/L			12/24/25 12:14	1
Fluoride	ND		0.10		mg/L			12/24/25 12:14	1
Sulfate	ND		0.50		mg/L			12/24/25 12:14	1

Lab Sample ID: LCS 885-40454/5
Matrix: Water
Analysis Batch: 40454

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			2.50	2.43		mg/L		97	90 - 110		
Chloride			5.00	4.85		mg/L		97	90 - 110		
Fluoride			0.500	0.510		mg/L		102	90 - 110		
Sulfate			10.0	9.69		mg/L		97	90 - 110		

Lab Sample ID: MRL 885-40454/3
Matrix: Water
Analysis Batch: 40454

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			0.100	0.103		mg/L		103	50 - 150		
Chloride			0.500	0.521		mg/L		104	50 - 150		
Fluoride			0.100	0.104		mg/L		104	50 - 150		
Sulfate			0.500	0.523		mg/L		105	50 - 150		

Lab Sample ID: 885-40289-12 MS
Matrix: Water
Analysis Batch: 40454

Client Sample ID: MW-35
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	ND		25.0	24.2		mg/L		97	80 - 120		
Chloride	88		50.0	136		mg/L		97	80 - 120		
Fluoride	3.0		5.00	7.51		mg/L		90	70 - 130		

Lab Sample ID: 885-40289-12 MSD
Matrix: Water
Analysis Batch: 40454

Client Sample ID: MW-35
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	ND		25.0	24.0		mg/L		96	80 - 120	1	20
Chloride	88		50.0	136		mg/L		96	80 - 120	0	20
Fluoride	3.0		5.00	7.55		mg/L		90	70 - 130	1	20

Lab Sample ID: 885-40289-13 MS
Matrix: Water
Analysis Batch: 40454

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	ND		12.5	12.1		mg/L		97	80 - 120		
Chloride	51		25.0	74.7		mg/L		94	80 - 120		

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-40289-13 MS
Matrix: Water
Analysis Batch: 40454

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	3.1		2.50	5.28		mg/L		88	70 - 130

Lab Sample ID: 885-40289-13 MSD
Matrix: Water
Analysis Batch: 40454

Client Sample ID: MW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	ND		12.5	12.0		mg/L		96	80 - 120	1	20
Chloride	51		25.0	74.3		mg/L		92	80 - 120	1	20
Fluoride	3.1		2.50	5.23		mg/L		86	70 - 130	1	20

Lab Sample ID: MB 885-40455/4
Matrix: Water
Analysis Batch: 40455

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10		mg/L			12/24/25 12:14	1
Nitrite as N	ND		0.10		mg/L			12/24/25 12:14	1
Orthophosphate as P	ND		0.50		mg/L			12/24/25 12:14	1

Lab Sample ID: LCS 885-40455/5
Matrix: Water
Analysis Batch: 40455

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N			2.50	2.46		mg/L		98	90 - 110
Nitrite as N			1.00	0.956		mg/L		96	90 - 110
Orthophosphate as P			5.00	4.74		mg/L		95	90 - 110

Lab Sample ID: MRL 885-40455/3
Matrix: Water
Analysis Batch: 40455

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N			0.100	0.102		mg/L		102	50 - 150
Nitrite as N			0.100	0.101		mg/L		101	50 - 150
Orthophosphate as P			0.500	0.534		mg/L		107	50 - 150

Lab Sample ID: 885-40289-12 MS
Matrix: Water
Analysis Batch: 40455

Client Sample ID: MW-35
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND	H	25.0	24.2		mg/L		97	80 - 120
Nitrite as N	ND	H	10.0	9.14		mg/L		91	80 - 120
Orthophosphate as P	ND	H	50.0	46.8		mg/L		94	80 - 120

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-40289-12 MSD — **Client Sample ID: MW-35**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40455

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND	H	25.0	24.2		mg/L		97	80 - 120	0	20
Nitrite as N	ND	H	10.0	9.13		mg/L		91	80 - 120	0	20
Orthophosphate as P	ND	H	50.0	47.0		mg/L		94	80 - 120	0	20

Lab Sample ID: 885-40289-13 MS — **Client Sample ID: MW-36**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40455

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND	H	12.5	12.3		mg/L		96	80 - 120
Nitrite as N	ND	H	5.00	4.58		mg/L		92	80 - 120
Orthophosphate as P	ND	H	25.0	25.5		mg/L		102	80 - 120

Lab Sample ID: 885-40289-13 MSD — **Client Sample ID: MW-36**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 40455

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND	H	12.5	12.2		mg/L		96	80 - 120	0	20
Nitrite as N	ND	H	5.00	4.57		mg/L		91	80 - 120	0	20
Orthophosphate as P	ND	H	25.0	25.5		mg/L		102	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 860-285413/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 285752 — **Prep Batch: 285413**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.20		mg/L		12/31/25 20:42	01/03/26 16:13	1
Magnesium	ND		0.20		mg/L		12/31/25 20:42	01/03/26 16:13	1
Potassium	ND		0.50		mg/L		12/31/25 20:42	01/03/26 16:13	1
Sodium	ND		0.50		mg/L		12/31/25 20:42	01/03/26 16:13	1

Lab Sample ID: LCS 860-285413/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 285752 — **Prep Batch: 285413**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.7		mg/L		103	85 - 115
Magnesium	25.0	24.7		mg/L		99	85 - 115
Potassium	10.0	9.98		mg/L		100	85 - 115
Sodium	25.0	24.9		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-285413/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 285752 — **Prep Batch: 285413**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.7		mg/L		103	85 - 115	0	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-285413/3-A
Matrix: Water
Analysis Batch: 285752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 285413

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	25.0	24.7		mg/L		99	85 - 115	0	20
Potassium	10.0	9.93		mg/L		99	85 - 115	1	20
Sodium	25.0	24.9		mg/L		100	85 - 115	0	20

Lab Sample ID: LLCS 860-285413/4-A
Matrix: Water
Analysis Batch: 285752

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 285413

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.200	0.216		mg/L		108	50 - 150
Magnesium	0.200	0.196	J	mg/L		98	50 - 150
Potassium	0.500	0.525		mg/L		105	50 - 150
Sodium	0.500	0.572		mg/L		114	50 - 150

Lab Sample ID: MB 860-285499/1-A
Matrix: Water
Analysis Batch: 285929

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.20	mg/L		01/02/26 10:29	01/05/26 14:25	1
Magnesium	ND		0.20	mg/L		01/02/26 10:29	01/05/26 14:25	1
Potassium	ND		0.50	mg/L		01/02/26 10:29	01/05/26 14:25	1
Sodium	ND		0.50	mg/L		01/02/26 10:29	01/05/26 14:25	1

Lab Sample ID: LCS 860-285499/2-A
Matrix: Water
Analysis Batch: 285929

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.7		mg/L		103	85 - 115
Magnesium	25.0	24.7		mg/L		99	85 - 115
Potassium	10.0	9.91		mg/L		99	85 - 115
Sodium	25.0	24.9		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-285499/3-A
Matrix: Water
Analysis Batch: 285929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.7		mg/L		103	85 - 115	0	20
Magnesium	25.0	24.7		mg/L		99	85 - 115	0	20
Potassium	10.0	9.90		mg/L		99	85 - 115	0	20
Sodium	25.0	24.9		mg/L		100	85 - 115	0	20

Lab Sample ID: LLCS 860-285499/4-A
Matrix: Water
Analysis Batch: 285929

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.200	0.209		mg/L		105	50 - 150

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LLCS 860-285499/4-A
Matrix: Water
Analysis Batch: 285929

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Magnesium			0.200	0.200		mg/L		100	50 - 150		
Potassium			0.500	0.504		mg/L		101	50 - 150		
Sodium			0.500	0.681		mg/L		136	50 - 150		

Lab Sample ID: 885-40289-7 MS
Matrix: Water
Analysis Batch: 285929

Client Sample ID: MW-29
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	1100		25.0	920	4	mg/L		-620	70 - 130		
Magnesium	150		25.0	146	4	mg/L		-18	70 - 130		
Potassium	ND	F1	10.0	ND	F1	mg/L		53	70 - 130		
Sodium	2500		25.0	2140	4	mg/L		-1600	70 - 130		

Lab Sample ID: 885-40289-7 MSD
Matrix: Water
Analysis Batch: 285929

Client Sample ID: MW-29
Prep Type: Total Recoverable
Prep Batch: 285499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	1100		25.0	1120	4	mg/L		160	70 - 130	19	20
Magnesium	150		25.0	178	4	mg/L		110	70 - 130	20	20
Potassium	ND	F1	10.0	26.9		mg/L		94	70 - 130	16	20
Sodium	2500		25.0	2600	4	mg/L		240	70 - 130	19	20

Lab Sample ID: MB 860-285666/1-A
Matrix: Water
Analysis Batch: 285960

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 285666

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	ND		0.20		mg/L		01/03/26 11:06	01/05/26 11:50	1
Magnesium	ND		0.20		mg/L		01/03/26 11:06	01/05/26 11:50	1
Potassium	ND		0.50		mg/L		01/03/26 11:06	01/05/26 11:50	1
Sodium	ND		0.50		mg/L		01/03/26 11:06	01/05/26 11:50	1

Lab Sample ID: LCS 860-285666/2-A
Matrix: Water
Analysis Batch: 285960

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 285666

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			25.0	25.1		mg/L		100	85 - 115		
Magnesium			25.0	24.7		mg/L		99	85 - 115		
Potassium			10.0	9.73		mg/L		97	85 - 115		
Sodium			25.0	24.9		mg/L		100	85 - 115		

Lab Sample ID: LCSD 860-285666/3-A
Matrix: Water
Analysis Batch: 285960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 285666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium			25.0	25.2		mg/L		101	85 - 115	0	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-285666/3-A
Matrix: Water
Analysis Batch: 285960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 285666

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	25.0	24.7		mg/L		99	85 - 115	0	20
Potassium	10.0	9.70		mg/L		97	85 - 115	0	20
Sodium	25.0	24.9		mg/L		100	85 - 115	0	20

Lab Sample ID: LLCS 860-285666/4-A
Matrix: Water
Analysis Batch: 285960

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 285666

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.200	0.207		mg/L		104	50 - 150
Magnesium	0.200	0.203		mg/L		102	50 - 150
Potassium	0.500	0.496	J	mg/L		99	50 - 150
Sodium	0.500	0.422	J	mg/L		84	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-40506/1
Matrix: Water
Analysis Batch: 40506

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			12/26/25 12:53	1

Lab Sample ID: LCS 885-40506/2
Matrix: Water
Analysis Batch: 40506

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	997		mg/L		100	80 - 120

Lab Sample ID: MB 885-40560/1
Matrix: Water
Analysis Batch: 40560

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			12/29/25 10:29	1

Lab Sample ID: LCS 885-40560/2
Matrix: Water
Analysis Batch: 40560

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

QC Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 885-40748/25
Matrix: Water
Analysis Batch: 40748

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	ND		20		mg/L			12/31/25 19:49	1

Lab Sample ID: LCS 885-40748/26
Matrix: Water
Analysis Batch: 40748

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			84.8	79.1		mg/L		93	90 - 110		

Lab Sample ID: MRL 885-40748/2
Matrix: Water
Analysis Batch: 40748

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			21.2	21.2		mg/L		100	50 - 150		

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

GC/MS VOA

Analysis Batch: 40793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total/NA	Water	8260B	
885-40289-2	MW-13	Total/NA	Water	8260B	
885-40289-3	MW-15	Total/NA	Water	8260B	
885-40289-4	MW-18	Total/NA	Water	8260B	
885-40289-5	MW-27	Total/NA	Water	8260B	
885-40289-6	MW-28	Total/NA	Water	8260B	
885-40289-7	MW-29	Total/NA	Water	8260B	
885-40289-8	MW-31	Total/NA	Water	8260B	
885-40289-9	MW-32	Total/NA	Water	8260B	
885-40289-10	MW-33	Total/NA	Water	8260B	
885-40289-11	MW-34	Total/NA	Water	8260B	
885-40289-12	MW-35	Total/NA	Water	8260B	
885-40289-13	MW-36	Total/NA	Water	8260B	
MB 885-40793/4	Method Blank	Total/NA	Water	8260B	
LCS 885-40793/3	Lab Control Sample	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 40454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total/NA	Water	300.0	
885-40289-1	MW-10	Total/NA	Water	300.0	
885-40289-2	MW-13	Total/NA	Water	300.0	
885-40289-3	MW-15	Total/NA	Water	300.0	
885-40289-3	MW-15	Total/NA	Water	300.0	
885-40289-4	MW-18	Total/NA	Water	300.0	
885-40289-4	MW-18	Total/NA	Water	300.0	
885-40289-5	MW-27	Total/NA	Water	300.0	
885-40289-5	MW-27	Total/NA	Water	300.0	
885-40289-6	MW-28	Total/NA	Water	300.0	
885-40289-6	MW-28	Total/NA	Water	300.0	
885-40289-7	MW-29	Total/NA	Water	300.0	
885-40289-8	MW-31	Total/NA	Water	300.0	
885-40289-8	MW-31	Total/NA	Water	300.0	
885-40289-9	MW-32	Total/NA	Water	300.0	
885-40289-9	MW-32	Total/NA	Water	300.0	
885-40289-10	MW-33	Total/NA	Water	300.0	
885-40289-10	MW-33	Total/NA	Water	300.0	
885-40289-11	MW-34	Total/NA	Water	300.0	
885-40289-11	MW-34	Total/NA	Water	300.0	
885-40289-12	MW-35	Total/NA	Water	300.0	
885-40289-13	MW-36	Total/NA	Water	300.0	
885-40289-13	MW-36	Total/NA	Water	300.0	
MB 885-40454/4	Method Blank	Total/NA	Water	300.0	
LCS 885-40454/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-40454/3	Lab Control Sample	Total/NA	Water	300.0	
885-40289-12 MS	MW-35	Total/NA	Water	300.0	
885-40289-12 MSD	MW-35	Total/NA	Water	300.0	
885-40289-13 MS	MW-36	Total/NA	Water	300.0	
885-40289-13 MSD	MW-36	Total/NA	Water	300.0	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

HPLC/IC

Analysis Batch: 40455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total/NA	Water	300.0	
885-40289-1	MW-10	Total/NA	Water	300.0	
885-40289-2	MW-13	Total/NA	Water	300.0	
885-40289-3	MW-15	Total/NA	Water	300.0	
885-40289-4	MW-18	Total/NA	Water	300.0	
885-40289-4	MW-18	Total/NA	Water	300.0	
885-40289-5	MW-27	Total/NA	Water	300.0	
885-40289-6	MW-28	Total/NA	Water	300.0	
885-40289-6	MW-28	Total/NA	Water	300.0	
885-40289-7	MW-29	Total/NA	Water	300.0	
885-40289-8	MW-31	Total/NA	Water	300.0	
885-40289-9	MW-32	Total/NA	Water	300.0	
885-40289-10	MW-33	Total/NA	Water	300.0	
885-40289-11	MW-34	Total/NA	Water	300.0	
885-40289-11	MW-34	Total/NA	Water	300.0	
885-40289-12	MW-35	Total/NA	Water	300.0	
885-40289-13	MW-36	Total/NA	Water	300.0	
MB 885-40455/4	Method Blank	Total/NA	Water	300.0	
LCS 885-40455/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-40455/3	Lab Control Sample	Total/NA	Water	300.0	
885-40289-12 MS	MW-35	Total/NA	Water	300.0	
885-40289-12 MSD	MW-35	Total/NA	Water	300.0	
885-40289-13 MS	MW-36	Total/NA	Water	300.0	
885-40289-13 MSD	MW-36	Total/NA	Water	300.0	

Metals

Prep Batch: 285413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-9	MW-32	Total Recoverable	Water	200.7	
885-40289-13	MW-36	Total Recoverable	Water	200.7	
MB 860-285413/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 860-285413/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 860-285413/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
LLCS 860-285413/4-A	Lab Control Sample	Total Recoverable	Water	200.7	

Prep Batch: 285499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-2	MW-13	Total Recoverable	Water	200.7	
885-40289-5	MW-27	Total Recoverable	Water	200.7	
885-40289-6	MW-28	Total Recoverable	Water	200.7	
885-40289-7	MW-29	Total Recoverable	Water	200.7	
885-40289-8	MW-31	Total Recoverable	Water	200.7	
885-40289-10	MW-33	Total Recoverable	Water	200.7	
MB 860-285499/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 860-285499/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 860-285499/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
LLCS 860-285499/4-A	Lab Control Sample	Total Recoverable	Water	200.7	
885-40289-7 MS	MW-29	Total Recoverable	Water	200.7	
885-40289-7 MSD	MW-29	Total Recoverable	Water	200.7	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Metals

Prep Batch: 285666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total Recoverable	Water	200.7	
885-40289-3	MW-15	Total Recoverable	Water	200.7	
885-40289-4	MW-18	Total Recoverable	Water	200.7	
885-40289-11	MW-34	Total Recoverable	Water	200.7	
885-40289-12	MW-35	Total Recoverable	Water	200.7	
MB 860-285666/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 860-285666/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
LCSD 860-285666/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7	
LLCS 860-285666/4-A	Lab Control Sample	Total Recoverable	Water	200.7	

Analysis Batch: 285752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-9	MW-32	Total Recoverable	Water	200.7 Rev 4.4	285413
885-40289-9	MW-32	Total Recoverable	Water	200.7 Rev 4.4	285413
885-40289-13	MW-36	Total Recoverable	Water	200.7 Rev 4.4	285413
885-40289-13	MW-36	Total Recoverable	Water	200.7 Rev 4.4	285413
MB 860-285413/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	285413
LCS 860-285413/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	285413
LCSD 860-285413/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	285413
LLCS 860-285413/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	285413

Analysis Batch: 285929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-2	MW-13	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-5	MW-27	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-6	MW-28	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-7	MW-29	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-8	MW-31	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-10	MW-33	Total Recoverable	Water	200.7 Rev 4.4	285499
MB 860-285499/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	285499
LCS 860-285499/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	285499
LCSD 860-285499/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	285499
LLCS 860-285499/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-7 MS	MW-29	Total Recoverable	Water	200.7 Rev 4.4	285499
885-40289-7 MSD	MW-29	Total Recoverable	Water	200.7 Rev 4.4	285499

Analysis Batch: 285960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-1	MW-10	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-3	MW-15	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-3	MW-15	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-4	MW-18	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-4	MW-18	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-11	MW-34	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-11	MW-34	Total Recoverable	Water	200.7 Rev 4.4	285666
885-40289-12	MW-35	Total Recoverable	Water	200.7 Rev 4.4	285666
MB 860-285666/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	285666
LCS 860-285666/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	285666
LCSD 860-285666/3-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	285666
LLCS 860-285666/4-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	285666

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

General Chemistry

Analysis Batch: 40506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-5	MW-27	Total/NA	Water	2540C	
885-40289-6	MW-28	Total/NA	Water	2540C	
885-40289-7	MW-29	Total/NA	Water	2540C	
885-40289-8	MW-31	Total/NA	Water	2540C	
885-40289-9	MW-32	Total/NA	Water	2540C	
885-40289-10	MW-33	Total/NA	Water	2540C	
885-40289-11	MW-34	Total/NA	Water	2540C	
885-40289-12	MW-35	Total/NA	Water	2540C	
885-40289-13	MW-36	Total/NA	Water	2540C	
MB 885-40506/1	Method Blank	Total/NA	Water	2540C	
LCS 885-40506/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 40560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total/NA	Water	2540C	
885-40289-2	MW-13	Total/NA	Water	2540C	
885-40289-3	MW-15	Total/NA	Water	2540C	
885-40289-4	MW-18	Total/NA	Water	2540C	
MB 885-40560/1	Method Blank	Total/NA	Water	2540C	
LCS 885-40560/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 40748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total/NA	Water	SM 2320B	
885-40289-2	MW-13	Total/NA	Water	SM 2320B	
885-40289-3	MW-15	Total/NA	Water	SM 2320B	
885-40289-4	MW-18	Total/NA	Water	SM 2320B	
885-40289-5	MW-27	Total/NA	Water	SM 2320B	
885-40289-6	MW-28	Total/NA	Water	SM 2320B	
885-40289-7	MW-29	Total/NA	Water	SM 2320B	
885-40289-8	MW-31	Total/NA	Water	SM 2320B	
885-40289-9	MW-32	Total/NA	Water	SM 2320B	
885-40289-10	MW-33	Total/NA	Water	SM 2320B	
885-40289-11	MW-34	Total/NA	Water	SM 2320B	
885-40289-12	MW-35	Total/NA	Water	SM 2320B	
885-40289-13	MW-36	Total/NA	Water	SM 2320B	
MB 885-40748/25	Method Blank	Total/NA	Water	SM 2320B	
LCS 885-40748/26	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 885-40748/2	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 40750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-1	MW-10	Total/NA	Water	SM 4500 H+ B	
885-40289-2	MW-13	Total/NA	Water	SM 4500 H+ B	
885-40289-3	MW-15	Total/NA	Water	SM 4500 H+ B	
885-40289-4	MW-18	Total/NA	Water	SM 4500 H+ B	
885-40289-5	MW-27	Total/NA	Water	SM 4500 H+ B	
885-40289-6	MW-28	Total/NA	Water	SM 4500 H+ B	
885-40289-7	MW-29	Total/NA	Water	SM 4500 H+ B	
885-40289-8	MW-31	Total/NA	Water	SM 4500 H+ B	
885-40289-9	MW-32	Total/NA	Water	SM 4500 H+ B	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

General Chemistry (Continued)

Analysis Batch: 40750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-40289-10	MW-33	Total/NA	Water	SM 4500 H+ B	
885-40289-11	MW-34	Total/NA	Water	SM 4500 H+ B	
885-40289-12	MW-35	Total/NA	Water	SM 4500 H+ B	
885-40289-13	MW-36	Total/NA	Water	SM 4500 H+ B	

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-10

Lab Sample ID: 885-40289-1
Matrix: Water
Date Collected: 12/23/25 11:15
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 17:36
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 14:25
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 14:25
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 14:35
Total/NA	Analysis	300.0		100	40455	KB	EET ALB	12/24/25 14:35
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		5	285960	JDM	EET HOU	01/05/26 12:08
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		50	285960	JDM	EET HOU	01/05/26 12:16
Total/NA	Analysis	2540C		1	40560	HR	EET ALB	12/29/25 10:29
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 20:51
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 20:51

Client Sample ID: MW-13

Lab Sample ID: 885-40289-2
Matrix: Water
Date Collected: 12/23/25 10:00
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 18:03
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 14:46
Total/NA	Analysis	300.0		100	40455	KB	EET ALB	12/24/25 14:46
Total Recoverable	Prep	200.7			285499	AGR	EET HOU	01/02/26 10:29
Total Recoverable	Analysis	200.7 Rev 4.4		10	285929	JDM	EET HOU	01/05/26 15:13
Total/NA	Analysis	2540C		1	40560	HR	EET ALB	12/29/25 10:29
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 21:04
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 21:04

Client Sample ID: MW-15

Lab Sample ID: 885-40289-3
Matrix: Water
Date Collected: 12/23/25 13:15
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 18:31
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 15:08
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 15:08
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 15:19
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		5	285960	JDM	EET HOU	01/05/26 12:09
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		50	285960	JDM	EET HOU	01/05/26 12:17
Total/NA	Analysis	2540C		1	40560	HR	EET ALB	12/29/25 10:29
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 21:17
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 21:17

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-18

Lab Sample ID: 885-40289-4

Date Collected: 12/23/25 09:00
Date Received: 12/24/25 06:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 18:58
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 15:30
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 15:30
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 15:40
Total/NA	Analysis	300.0		100	40455	KB	EET ALB	12/24/25 15:40
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		5	285960	JDM	EET HOU	01/05/26 12:11
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		50	285960	JDM	EET HOU	01/05/26 12:19
Total/NA	Analysis	2540C		1	40560	HR	EET ALB	12/29/25 10:29
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 21:31
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 21:31

Client Sample ID: MW-27

Lab Sample ID: 885-40289-5

Date Collected: 12/23/25 12:00
Date Received: 12/24/25 06:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 19:25
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 16:13
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 16:13
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 16:24
Total Recoverable	Prep	200.7			285499	AGR	EET HOU	01/02/26 10:29
Total Recoverable	Analysis	200.7 Rev 4.4		10	285929	JDM	EET HOU	01/05/26 15:15
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 21:47
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 21:47

Client Sample ID: MW-28

Lab Sample ID: 885-40289-6

Date Collected: 12/22/25 17:00
Date Received: 12/24/25 06:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 19:53
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 16:35
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 16:35
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 16:46
Total/NA	Analysis	300.0		100	40455	KB	EET ALB	12/24/25 16:46
Total Recoverable	Prep	200.7			285499	AGR	EET HOU	01/02/26 10:29
Total Recoverable	Analysis	200.7 Rev 4.4		10	285929	JDM	EET HOU	01/05/26 15:29
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 22:02

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-28

Lab Sample ID: 885-40289-6

Date Collected: 12/22/25 17:00
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 22:02

Client Sample ID: MW-29

Lab Sample ID: 885-40289-7

Date Collected: 12/22/25 16:15
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 20:20
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 16:56
Total/NA	Analysis	300.0		100	40455	KB	EET ALB	12/24/25 16:56
Total Recoverable	Prep	200.7			285499	AGR	EET HOU	01/02/26 10:29
Total Recoverable	Analysis	200.7 Rev 4.4		50	285929	JDM	EET HOU	01/05/26 14:41
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 22:16
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 22:16

Client Sample ID: MW-31

Lab Sample ID: 885-40289-8

Date Collected: 12/22/25 15:20
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 20:48
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 17:18
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 17:18
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 17:29
Total Recoverable	Prep	200.7			285499	AGR	EET HOU	01/02/26 10:29
Total Recoverable	Analysis	200.7 Rev 4.4		10	285929	JDM	EET HOU	01/05/26 15:31
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 22:42
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 22:42

Client Sample ID: MW-32

Lab Sample ID: 885-40289-9

Date Collected: 12/22/25 11:15
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 21:15
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 17:40
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 17:40
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 17:51
Total Recoverable	Prep	200.7			285413	PB	EET HOU	12/31/25 20:42
Total Recoverable	Analysis	200.7 Rev 4.4		1	285752	JDM	EET HOU	01/03/26 17:04

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-32

Lab Sample ID: 885-40289-9

Date Collected: 12/22/25 11:15
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.7			285413	PB	EET HOU	12/31/25 20:42
Total Recoverable	Analysis	200.7 Rev 4.4		50	285752	JDM	EET HOU	01/03/26 17:16
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 22:56
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 22:56

Client Sample ID: MW-33

Lab Sample ID: 885-40289-10

Date Collected: 12/22/25 14:15
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 21:43
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 18:23
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 18:23
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 18:34
Total Recoverable	Prep	200.7			285499	AGR	EET HOU	01/02/26 10:29
Total Recoverable	Analysis	200.7 Rev 4.4		10	285929	JDM	EET HOU	01/05/26 15:32
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 23:11
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 23:11

Client Sample ID: MW-34

Lab Sample ID: 885-40289-11

Date Collected: 12/22/25 13:00
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 22:10
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 18:45
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 18:45
Total/NA	Analysis	300.0		100	40454	KB	EET ALB	12/24/25 18:56
Total/NA	Analysis	300.0		100	40455	KB	EET ALB	12/24/25 18:56
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		5	285960	JDM	EET HOU	01/05/26 12:12
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		50	285960	JDM	EET HOU	01/05/26 12:21
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 23:29
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 23:29

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Client Sample ID: MW-35

Lab Sample ID: 885-40289-12

Date Collected: 12/22/25 12:10
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 22:37
Total/NA	Analysis	300.0		10	40454	KB	EET ALB	12/24/25 19:07
Total/NA	Analysis	300.0		10	40455	KB	EET ALB	12/24/25 19:07
Total Recoverable	Prep	200.7			285666	AGR	EET HOU	01/03/26 11:06
Total Recoverable	Analysis	200.7 Rev 4.4		5	285960	JDM	EET HOU	01/05/26 12:14
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	12/31/25 23:36
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	12/31/25 23:36

Client Sample ID: MW-36

Lab Sample ID: 885-40289-13

Date Collected: 12/22/25 10:00
Matrix: Water
Date Received: 12/24/25 06:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	40793	JP	EET ALB	01/02/26 23:05
Total/NA	Analysis	300.0		5	40454	KB	EET ALB	12/24/25 19:50
Total/NA	Analysis	300.0		5	40455	KB	EET ALB	12/24/25 19:50
Total/NA	Analysis	300.0		20	40454	KB	EET ALB	12/24/25 20:01
Total Recoverable	Prep	200.7			285413	PB	EET HOU	12/31/25 20:42
Total Recoverable	Analysis	200.7 Rev 4.4		1	285752	JDM	EET HOU	01/03/26 16:57
Total Recoverable	Prep	200.7			285413	PB	EET HOU	12/31/25 20:42
Total Recoverable	Analysis	200.7 Rev 4.4		50	285752	JDM	EET HOU	01/03/26 16:59
Total/NA	Analysis	2540C		1	40506	HR	EET ALB	12/26/25 12:53
Total/NA	Analysis	SM 2320B		1	40748	JR	EET ALB	01/01/26 00:04
Total/NA	Analysis	SM 4500 H+ B		1	40750	JR	EET ALB	01/01/26 00:04

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26

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
2540C		Water	Total Dissolved Solids
300.0		Water	Bromide
300.0		Water	Chloride
300.0		Water	Fluoride
300.0		Water	Nitrate as N
300.0		Water	Nitrite as N
300.0		Water	Orthophosphate as P
300.0		Water	Sulfate
8260B		Water	1,1,1,2-Tetrachloroethane
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,1-Dichloropropene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,3-Trichloropropane
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2,4-Trimethylbenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane (EDC)
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3,5-Trimethylbenzene
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,3-Dichloropropane
8260B		Water	1,4-Dichlorobenzene
8260B		Water	1-Methylnaphthalene
8260B		Water	2,2-Dichloropropane
8260B		Water	2-Butanone
8260B		Water	2-Chlorotoluene
8260B		Water	2-Hexanone
8260B		Water	2-Methylnaphthalene
8260B		Water	4-Chlorotoluene
8260B		Water	4-Isopropyltoluene
8260B		Water	4-Methyl-2-pentanone
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromobenzene
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-40289-1

Laboratory: Eurofins Albuquerque (Continued)

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

Authority	Program	Identification Number	Expiration Date

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
8260B		Water	Chlorobenzene
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Dibromochloromethane
8260B		Water	Dibromomethane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Ethylbenzene
8260B		Water	Hexachlorobutadiene
8260B		Water	Isopropylbenzene
8260B		Water	Methylene Chloride
8260B		Water	Methyl-tert-butyl Ether (MTBE)
8260B		Water	Naphthalene
8260B		Water	n-Butylbenzene
8260B		Water	N-Propylbenzene
8260B		Water	sec-Butylbenzene
8260B		Water	Styrene
8260B		Water	tert-Butylbenzene
8260B		Water	Tetrachloroethene (PCE)
8260B		Water	Toluene
8260B		Water	trans-1,2-Dichloroethene
8260B		Water	trans-1,3-Dichloropropene
8260B		Water	Trichloroethene (TCE)
8260B		Water	Trichlorofluoromethane
8260B		Water	Vinyl chloride
8260B		Water	Xylenes, Total
SM 2320B		Water	Total Alkalinity as CaCO3
SM 4500 H+ B		Water	pH

Oregon	NELAP	NM100001	02-25-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-05-26
Florida	NELAP	E871002	06-30-26
Louisiana (All)	NELAP	03054	06-30-26
New Mexico	State	TX00122	06-30-26
Oklahoma	NELAP	1306	01-31-26
Texas	NELAP	T104704215	06-30-26
Texas	TCEQ Water Supply	T104704215	11-24-28
USDA	US Federal Programs	525-23-79-79507	03-20-26

Chain-of-Custody Record

Client: Hilcorp Farmington NM

Mailing Address: 382 Road 3100 Aztec, NM 87410

Billing Address: PO Box 61529 Houston, TX 77208

Phone #: 505-486-9543

email or Fax#: Brandon.Sinclair@hilcorp.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
X Standard ☐ Rush

Project Name:
Salty Dog Pipeline

Project #:

Project Manager:
Mitch Killough

Sampler: Brandon Sinclair

On Ice: ~~☐~~ Yes ☐ No

# of Coolers: 3 Joe

Cooler Temp(including CF): 0.8 +0.2 = 1.0
2.0+0.2=2.2
0.5+0.2=0.7

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-40289 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Cations/Anions/TDS/pH/Alkalinity (1) Liter Plastic	Volatiles 8260B 40ml VOA HCl
12-23	1115	Water	MW-10	Various	Various		X	X
		~~Water~~	~~MW-12~~	Various	Various		X	X
12-23	1000	Water	MW-13	Various	Various		X	X
12-23	1315	Water	MW-15	Various	Various		X	X
12-23	900	Water	MW-18	Various	Various		X	X
12-23	1200	Water	MW-27	Various	Various		X	X
12-22	1700	Water	MW-28	Various	Various		X	X
	1615	Water	MW-29	Various	Various		X	X
	1520	Water	MW-31	Various	Various		X	X
	1115	Water	MW-32	Various	Various		X	X
	1415	Water	MW-33	Various	Various		X	X
	1300	Water	MW-34	Various	Various		X	X
	1210	Water	MW-35	Various	Various		X	X
	1000	Water	MW-36	Various	Various		X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
12/23/25	1530				12/23/25	1530
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
12/23/25	1730				12/24/25	6:40

Preserve the Cation/Anions in the lab. Cations: Calcium, Magnesium, Potassium and Sodium, Anions:Bromide, Chloride, Sulfate, Fluoride, Nitrate+Nitrite and Phosphorous.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Garcia, Michelle	Carrier Tracking No(s): N/A	COC No: 885-7911 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: michelle.garcia@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Oregon State New Mexico		Job #: 885-40289-1
Address: 4145 Greenbriar Dr	Due Date Requested: 1/2/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Salty Dog Pipeline	Project #: 88501318			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Cation_Anion(MOD) Local Method	200.7/200.7_P TR(MOD) Custom List	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-10 (885-40289-1)	12/23/25	11 15 Mountain	G	Water			X	X	1	
MW-13 (885-40289-2)	12/23/25	10:00 Mountain	G	Water			X	X	1	
MW-15 (885-40289-3)	12/23/25	13:15 Mountain	G	Water			X	X	1	
MW-29 (885-40289-7)	12/22/25	16:15 Mountain	G	Water			X	X	1	
MW-32 (885-40289-9)	12/22/25	11 15 Mountain	G	Water			X	X	1	
MW-33 (885-40289-10)	12/22/25	14.15 Mountain	G	Water			X	X	1	
MW-34 (885-40289-11)	12/22/25	13:00 Mountain	G	Water			X	X	1	
MW-36 (885-40289-13)	12/22/25	10:00 Mountain	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1					12/31	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4UU318 2.7

Ver: 10/10/2024

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque, NM 87109
Phone: 505-345-3975 Fax: 505-345-4107

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Garcia, Michelle	Carrier Tracking No(s): N/A	COC No: 885-7912.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: michelle.garcia@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Oregon; State New Mexico		Job #: 885-40289-1
Address: 4145 Greenbriar Dr	Due Date Requested: 1/2/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Salty Dog Pipeline	Project #: 88501318			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Cation_Anion(MOD) Local Method	200.7/200.7_P_TR(MOD) Custom List	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-18 (885-40289-4)	12/23/25	09:00 Mountain	G	Water			X	X	1	
MW-27 (885-40289-5)	12/23/25	12:00 Mountain	G	Water			X	X	1	
MW-28 (885-40289-6)	12/22/25	17:00 Mountain	G	Water			X	X	1	
MW-31 (885-40289-8)	12/22/25	15:20 Mountain	G	Water			X	X	1	
MW-35 (885-40289-12)	12/22/25	12:10 Mountain	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				12/31	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:	Htw766 2.4

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-40289-1

Login Number: 40289 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Dominguez, Desiree

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	False	Did not receive all required containers. Poured off.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-40289-1

Login Number: 40289 **List Source: Eurofins Houston**
List Number: 2 **List Creation: 12/31/25 12:36 PM**
Creator: Silva, Daniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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.	True	
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").	True	

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 567634
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record. Submit a C-141N for all sampling and monitoring events.	4/7/2026