



September 18, 2025

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 Interim 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 Interim Groundwater Monitoring Report* detailing groundwater monitoring and sampling activities performed in 2025 associated with the Salty Dog Water Gathering System (Site) pipeline release. This report is being prepared at the request of the New Mexico Oil Conservation Division (NMOCD) *Conditions of Approval* dated August 13, 2025. 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 to date 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 and 3 depict groundwater elevations, inferred potentiometric contours, and estimated flow direction for the first and second quarters of 2025.

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 the chloride plume is likely 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 previous two quarterly sampling events are also presented on Figures 2 and 3. Complete groundwater laboratory analytical reports are included as Appendix A.

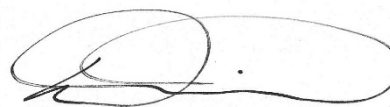
Ensolum appreciates the opportunity to provide this report to the NMOCD. Please direct any questions to the undersigned.

Sincerely,

Ensolum, LLC



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Senior Managing Geologist
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Attachments:

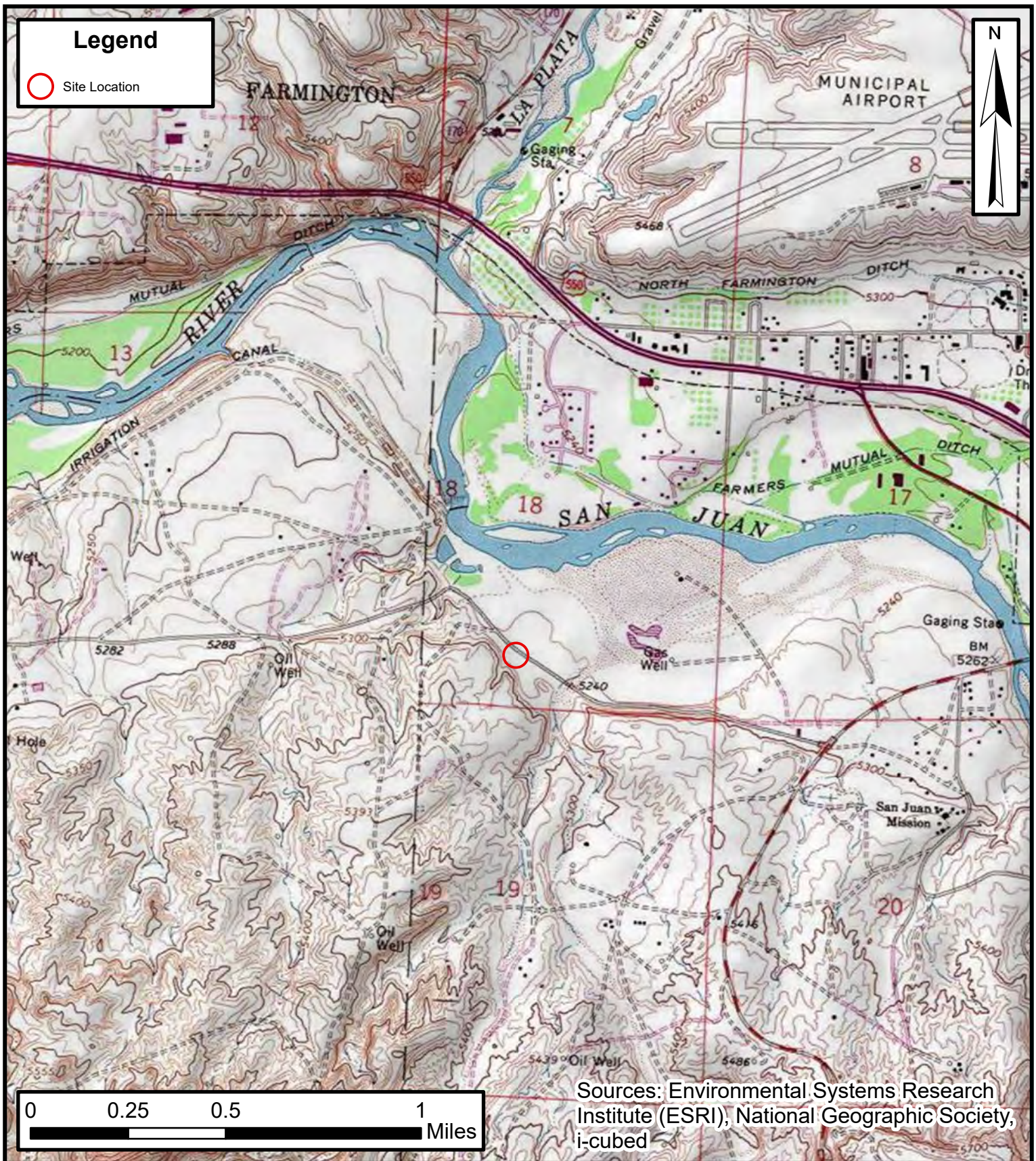
- Figure 1: Site Location Map
- Figure 2: Groundwater Elevation and Analytical Results – Q1 2025
- Figure 3: Groundwater Elevation and Analytical Results– Q2 2025

- 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



FIGURES



Site Location Map

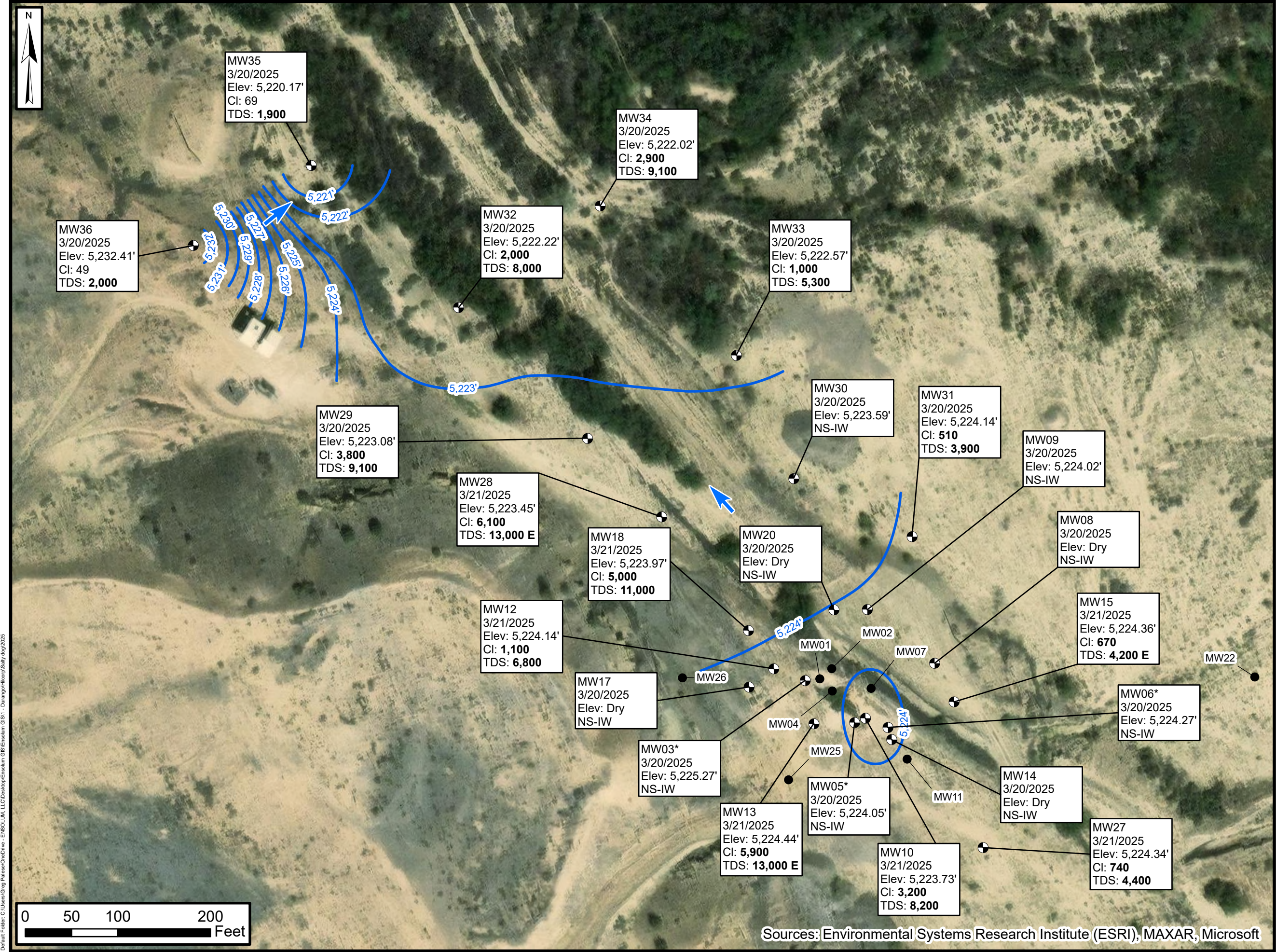
Salty Dog Water Gathering System
Hilcorp Energy Company

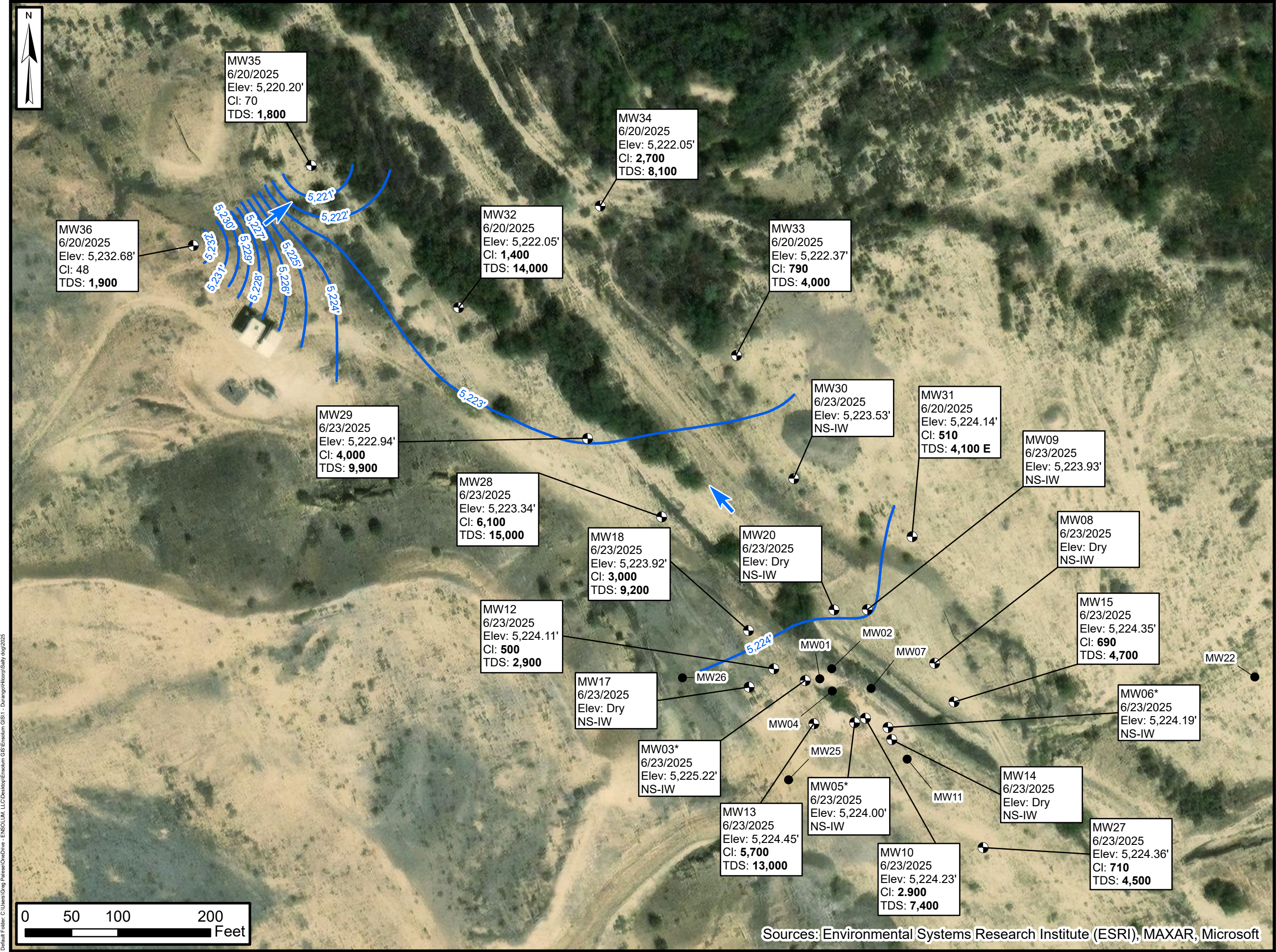
NMOCD Incident No: nCS1916853082
SEC 18-T29N-R13W
San Juan County, New Mexico

FIGURE

1

ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants







TABLES



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
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
		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



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Monitoring Well	Top of Casing Elevation (feet)	Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
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
		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
MW08	5,252.50	10/22/2019	23.80	5,228.70
		10/24/2019	23.81	5,228.69
		2/11/2020	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
		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



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	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
		6/23/2025	28.45	5,223.93
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



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	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
		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
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
		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



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	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
		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
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



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)
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
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
		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



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	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
		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
MW27	5,262.41	3/20/2025	DRY	DRY
		6/23/2025	DRY	DRY
		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
MW28	5,252.68	12/12/2024	38.37	5,224.04
		3/21/2025	38.07	5,224.34
		6/23/2025	38.05	5,224.36
		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
MW29	5,251.76	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
		6/21/2023	28.09	5,223.67
		8/17/2023	28.65	5,223.11
		12/12/2023	28.60	5,223.16
		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



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)
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
MW31	5,244.32	6/23/2025	20.05	5,223.53
		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
MW32	5,249.34	3/20/2025	20.18	5,224.14
		6/20/2025	20.18	5,224.14
MW33	5,242.32	3/20/2025	27.12	5,222.22
		6/20/2025	27.12	5,222.22
MW34	5,240.95	3/20/2025	19.75	5,222.57
		6/20/2025	19.95	5,222.37
MW35	5,248.08	3/20/2025	18.93	5,222.02
		6/20/2025	18.90	5,222.05
MW36	5,272.84	3/20/2025	27.91	5,220.17
		6/20/2025	27.88	5,220.20
MW36	5,272.84	3/20/2025	40.43	5,232.41
		6/20/2025	40.16	5,232.68

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



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			
	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



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	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			
	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			
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			
MW09	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			
	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
MW09	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



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	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			
	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
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
	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



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	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
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



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	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	<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
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			
	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



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	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
	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
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
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
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



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	6/22/2023	<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
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			
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
MW32	6/20/2025	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5
MW33	6/20/2025	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5
MW34	6/20/2025	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5
MW35	6/20/2025	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<1.0	<1.0	<1.0	<1.5
MW36	6/20/2025	<1.0	<1.0	<1.0	<1.5
	3/20/2025	<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 Analytical 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



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	<1.0	19	<10	--	<5.0	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																	
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																	



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																	
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																	



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																		
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	Insufficient Water Volumes to Collect Sample																		
	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	<1.0	<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	



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	
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	



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																	
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	--	<1.0	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



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
		NE	250	600	1.6	1.0	10.0	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1,000
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																	
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	<1.0	<10	<10	<10	<5.0	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	--	<1.0	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	<1.0	--	--	<1.0	<5.0	800	120	13	2,000	--	--	210	26,000	14,000	7.3 HF
	3/21/2025	<10	5,000	2,600	<1.0	<10 H	<10 H	<1.0	<5.0 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



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 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																	
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	
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	



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 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	
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																	
6/20/2025	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	
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
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
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
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
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

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



APPENDIX A

Laboratory Analytical Reports



Environment Testing

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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

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



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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

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Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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.

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.

Eurofins Albuquerque

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.

Eurofins Albuquerque

Client Sample Results

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

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

Eurofins Albuquerque

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

Lab Sample ID: 885-22021-2

Date Collected: 03/21/25 11:00

Matrix: Water

Date Received: 03/25/25 07:10

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

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

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

Eurofins Albuquerque

Client Sample Results

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

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

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

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

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Client Sample Results

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

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	

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

Eurofins Albuquerque

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

Lab Sample ID: 885-22021-7

Date Collected: 03/20/25 16:40

Matrix: Water

Date Received: 03/25/25 07:10

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

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

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

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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

Lab Sample ID: 885-22021-9

Date Collected: 03/20/25 14:45

Matrix: Water

Date Received: 03/25/25 07:10

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

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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

Lab Sample ID: 885-22021-10

Date Collected: 03/20/25 11:20

Matrix: Water

Date Received: 03/25/25 07:10

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

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Client Sample Results

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

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

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

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

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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

Lab Sample ID: 885-22021-13

Date Collected: 03/20/25 12:00

Matrix: Water

Date Received: 03/25/25 07:10

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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	

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-22021-1

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

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

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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	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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	LCS	Limits
	%Recovery	Qualifier	
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	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
1,1-Dichloroethene	ND		20.0	19.5		ug/L		98	70 - 130
Benzene	ND		20.0	20.4		ug/L		102	70 - 130

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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	MS 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	MSD 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

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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		LCS		Unit	D	%Rec	%Rec	
	Added	Result	Qualifier	Result				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		LCS		Unit	D	%Rec	%Rec	
	Added	Result	Qualifier	Result				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		MRL		Unit	D	%Rec	%Rec	
	Added	Result	Qualifier	Result				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		MS		Unit	D	%Rec	%Rec	
			Added	Result	Qualifier	Result				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		MSD		Unit	D	%Rec	%Rec		RPD	
			Added	Result	Qualifier	Result				Limits		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

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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	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
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

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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

Matrix: Water

Analysis Batch: 23062

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	25.7		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

Matrix: Water

Analysis Batch: 23300

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	0.501	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

Matrix: Water

Analysis Batch: 23300

Client Sample ID: Method Blank

Prep Type: Total Recoverable

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

Matrix: Water

Analysis Batch: 23300

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

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

Matrix: Water

Analysis Batch: 23300

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

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

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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

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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				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 23183							
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				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 23183							
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						Client Sample ID: Lab Control Sample					
Matrix: Water						Prep Type: Total/NA					
Analysis Batch: 23347											
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Specific Conductance			99.3	104		umhos/cm		105	85 - 115		

Lab Sample ID: MRL 885-23347/3						Client Sample ID: Lab Control Sample					
Matrix: Water						Prep Type: Total/NA					
Analysis Batch: 23347											
			Spike	MRL	MRL				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Specific Conductance			9.83	ND		umhos/cm		98	50 - 150		

Lab Sample ID: 885-22021-2 DU						Client Sample ID: MW-12						
Matrix: Water						Prep Type: Total/NA						
Analysis Batch: 23347												
			Sample	Sample	DU	DU				RPD		
Analyte			Result	Qualifier	Result	Qualifier	Unit	D			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	

Eurofins Albuquerque

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

Eurofins Albuquerque

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	

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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	

Eurofins Albuquerque

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

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

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

Lab Sample ID: 885-22021-2
Matrix: Water

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

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

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

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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

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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

Eurofins Albuquerque

Lab Chronicle

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

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

Date Collected: 03/20/25 14:45

Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-9

Matrix: Water

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

Date Collected: 03/20/25 11:20

Date Received: 03/25/25 07:10

Lab Sample ID: 885-22021-10

Matrix: Water

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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
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
Oregon	NELAP	NM100001	02-26-26

Eurofins Albuquerque

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 $\leq$ 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 $<6\text{mm}$ (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	



Environment Testing

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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

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

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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

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Case Narrative

Client: Hilcorp Energy
Project: Salty Dog Pipeline

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Job Narrative
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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),

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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.

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-10

Lab Sample ID: 885-27362-1

Date Collected: 06/23/25 13:30

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-10

Lab Sample ID: 885-27362-1

Date Collected: 06/23/25 13:30

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-12

Lab Sample ID: 885-27362-2

Date Collected: 06/23/25 11:50

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-12

Lab Sample ID: 885-27362-2

Date Collected: 06/23/25 11:50

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-13

Lab Sample ID: 885-27362-3

Date Collected: 06/23/25 12:40

Matrix: Water

Date Received: 06/24/25 07:15

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-13

Lab Sample ID: 885-27362-3

Date Collected: 06/23/25 12:40

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-15

Lab Sample ID: 885-27362-4

Date Collected: 06/23/25 15:15

Matrix: Water

Date Received: 06/24/25 07:15

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-15

Lab Sample ID: 885-27362-4

Date Collected: 06/23/25 15:15

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-18

Lab Sample ID: 885-27362-5

Date Collected: 06/23/25 11:15

Matrix: Water

Date Received: 06/24/25 07:15

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-18

Lab Sample ID: 885-27362-5

Date Collected: 06/23/25 11:15

Matrix: Water

Date Received: 06/24/25 07:15

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-27

Lab Sample ID: 885-27362-6

Date Collected: 06/23/25 14:20

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-27

Lab Sample ID: 885-27362-6

Date Collected: 06/23/25 14:20

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-28

Lab Sample ID: 885-27362-7

Date Collected: 06/23/25 10:20

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-28

Lab Sample ID: 885-27362-7

Date Collected: 06/23/25 10:20

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-29

Lab Sample ID: 885-27362-8

Date Collected: 06/23/25 09:30

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-29

Lab Sample ID: 885-27362-8

Date Collected: 06/23/25 09:30

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-31

Lab Sample ID: 885-27362-9

Date Collected: 06/20/25 14:50

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-31

Lab Sample ID: 885-27362-9

Date Collected: 06/20/25 14:50

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-32

Lab Sample ID: 885-27362-10

Date Collected: 06/20/25 10:50

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-32

Lab Sample ID: 885-27362-10

Date Collected: 06/20/25 10:50

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-33

Lab Sample ID: 885-27362-11

Date Collected: 06/20/25 14:00

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-33

Lab Sample ID: 885-27362-11

Date Collected: 06/20/25 14:00

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-34

Lab Sample ID: 885-27362-12

Date Collected: 06/20/25 13:00

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-34

Lab Sample ID: 885-27362-12

Date Collected: 06/20/25 13:00

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-35

Lab Sample ID: 885-27362-13

Date Collected: 06/20/25 11:40

Matrix: Water

Date Received: 06/24/25 07:15

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

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Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-35

Lab Sample ID: 885-27362-13

Date Collected: 06/20/25 11:40

Matrix: Water

Date Received: 06/24/25 07:15

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-36

Lab Sample ID: 885-27362-14

Date Collected: 06/20/25 09:30

Matrix: Water

Date Received: 06/24/25 07:15

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

Eurofins Albuquerque

Client Sample Results

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-36

Lab Sample ID: 885-27362-14

Date Collected: 06/20/25 09:30

Matrix: Water

Date Received: 06/24/25 07:15

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

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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

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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

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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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

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: 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		

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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

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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	

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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	

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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

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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	

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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	

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Lab Chronicle

Client: Hilcorp Energy
Project/Site: Salty Dog Pipeline

Job ID: 885-27362-1

Client Sample ID: MW-10

Lab Sample ID: 885-27362-1

Date Collected: 06/23/25 13:30

Matrix: Water

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 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

Lab Sample ID: 885-27362-2

Date Collected: 06/23/25 11:50

Matrix: Water

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 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

Lab Sample ID: 885-27362-3

Date Collected: 06/23/25 12:40

Matrix: Water

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 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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Eurofins Albuquerque

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

Date Collected: 06/23/25 09:30

Matrix: Water

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

Date Collected: 06/20/25 14:50

Matrix: Water

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

Date Collected: 06/20/25 10:50

Matrix: Water

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

Eurofins Albuquerque

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

Date Collected: 06/20/25 14:00

Matrix: Water

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

Date Collected: 06/20/25 13:00

Matrix: Water

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

Date Collected: 06/20/25 11:40

Matrix: Water

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

Eurofins Albuquerque

Lab Chronicle

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

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
Date Collected: 06/20/25 09:30
Date Received: 06/24/25 07:15

Lab Sample ID: 885-27362-14
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 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

Eurofins Albuquerque

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 CaCO ₃
SM 4500 H+ B		Water	pH
Oregon	NELAP	NM100001	02-26-26

Eurofins Albuquerque

Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-27362-1

Login Number: 27362

List Number: 1

Creator: Proctor, Nancy

List Source: Eurofins Albuquerque

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 507075

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 507075
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	11/21/2025