

2023 ANNUAL GROUNDWATER REPORT

Standard Oil Com #1

Incident Number: nAUTOofAB000666

Meter Code: 70445

T29N, R9W, Sec36, Unit N

SITE DETAILS

Site Location: Latitude: 36.678617 N, Longitude: -107.736788

Land Type: State

Operator: Hilcorp Energy

SITE BACKGROUND

Environmental Remediation activities at Standard Oil Com #1 (Site) are managed pursuant to the procedures set forth in the document entitled, “*Remediation Plan for Groundwater Encountered During Pit Closure Activities*” (Remediation Plan, El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the New Mexico Oil Conservation Division (NMOCD) in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into El Paso CGP Company (EPCGP’s) program methods. Currently, the Site is operated by Hilcorp Energy and is active.

The Site is located on State/Fee land. An initial site assessment was completed in May 1994, and an excavation to approximately 12 feet below ground surface (bgs) was completed in May 1994, removing approximately 60 cubic yards (cy) of soil. Monitoring wells were installed in 1994 (MW-1), 1995 (MW-2 through MW-4), 2006 (MW-5), 2013 (MW-6 through MW-11), and 2015 (MW-12 through MW-16). Soil boring SB-1 was also advanced and monitoring well MW-5 abandoned in 2015. A detailed Site history is provided in Appendix A.

The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring wells and current and historical site features is provided as Figure 2. Currently, groundwater sampling is conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec Consulting Services Inc. (Stantec) provided field work notifications via email to the NMOCD on May 12, 2023 and November 2, 2023, prior to initiating groundwater sampling activities at the Site. Copies of the 2023 NMOCD notifications are provided in Appendix B. On May 20 and November 12, 2023, water levels were gauged at MW-1 through MW-4 and MW-6 through MW-16. No light non-aqueous phase liquid (LNAPL) was detected in site monitoring wells during water level gauging in 2023. On May 20, and November 12, 2023, groundwater samples were collected from MW-1, MW-2, MW-7, MW-9, MW-15, and MW-16.

Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event using a suspension tether and stainless-steel weights. The HydraSleeves were positioned to collect a sample from the screened interval by setting the bottom of the sleeve approximately 0.5 foot above the bottom of the screened interval.

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC (Eurofins) in Pensacola, Florida where they were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using United States Environmental Protection Agency (EPA) Method 8260. One laboratory

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supplied trip blank and one blind field duplicate were also collected during each groundwater sampling event and submitted for analysis of BTEX constituents.

The unused sample water was placed in a waste container and taken to Envirotech, Inc. in Bloomfield, New Mexico for disposal. Waste disposal documentation is included in Appendix C.

SUMMARY TABLES

Historic groundwater analytical results and well gauging data are summarized in Tables 1 and 2, respectively.

SITE MAPS

Groundwater analytical results (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2023 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix D.

GROUNDWATER RESULTS

- Groundwater elevations indicate the groundwater flow direction at the Site was generally to the west-northwest during 2023 (see Figures 4 and 6).
- LNAPL was not observed at the Site in the 2023 sampling events.
- The groundwater samples collected from MW-9 during the November 2023 sampling event and the duplicate sample collected from MW-9 during the May 2023 sampling event exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [$\mu\text{g/L}$]) for benzene in groundwater. Benzene was either below the NMWQCC standard or was not detected in the groundwater samples collected from other Site wells in 2023.
- Concentrations of toluene were either below the NMWQCC standard (750 $\mu\text{g/L}$) or were not detected in each of the Site monitoring wells sampled in 2023.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 $\mu\text{g/L}$) or were not detected in each of the Site monitoring wells sampled in 2023.
- Concentrations of total xylenes were either below the NMWQCC standard (620 $\mu\text{g/L}$) or were not detected in each of the Site monitoring wells sampled in 2023.
- Field duplicates were collected from MW-9 for the May and November 2023 semi-annual monitoring events. No significant differences were noted between the primary and duplicate sample results.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2023 groundwater monitoring events.

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PLANNED FUTURE ACTIVITIES

Groundwater monitoring events will continue on a semi-annual basis in 2024. No additional activities are planned for 2024 at this time.

Water quality results from wells MW-3 and MW-11 indicate a separate release not related to the former El Paso pit, and NMOCD stated during a February 6, 2019, meeting with EPCGP they would meet with the current operator and discuss internally. EPCGP will await NMOCD feedback on the outcome of their operator meeting and subsequent discussions before determining what additional work may be required.

The activities completed in 2024 and their results will be summarized in the 2024 Annual Report, to be submitted by April 1, 2025.

TABLES

TABLE 1 – GROUNDWATER ANALYTICAL RESULTS

TABLE 2 – GROUNDWATER ELEVATION RESULTS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/12/95	482	629	188	1980
MW-1	11/07/96	277	121	161	1590
MW-1	02/07/97	119	20.2	139	1490
MW-1	05/09/97	105	14.2	145	1480
MW-1	08/08/97	82.6	15.6	140	1400
MW-1	11/04/97	91.4	32.4	141	1320
MW-1	02/03/98	109	31	163	1680
MW-1	05/07/98	107	24.2	161	1640
MW-1	08/04/98	113	48.7	167	1580
MW-1	11/03/98	122	61.3	190	1930
MW-1	02/02/99	157	75.8	204	2100
MW-1	05/19/99	178	55.2	184	1730
MW-1	08/04/99	252	136	203	1890
MW-1	11/09/99	240	98	180	1500
MW-1	02/25/00	1300	1000	260	1700
MW-1	05/24/00	56	120	220	1500
MW-1	08/08/00	12	11	66	470
MW-1	11/06/00	390	110	180	1100
MW-1	02/15/01	280	88	160	1200
MW-1	06/04/01	340	170	170	430
MW-1	08/07/01	510	340	250	1500
MW-1	12/04/01	330	98	150	1200
MW-1	02/25/02	310	170	170	1200
MW-1	05/14/02	250	150	190	1400
MW-1	08/06/02	551	398	214	1041
MW-1	11/04/02	464	207	235	1085
MW-1	02/27/03	600	330	225	993
MW-1	05/19/03	230	206	172	977
MW-1	08/18/03	NS	NS	NS	NS
MW-1	11/15/03	NS	NS	NS	NS
MW-1	02/17/04	NS	NS	NS	NS
MW-1	06/02/04	416	534	287	1330
MW-1	06/24/05	234	310	305	1530
MW-1	06/07/06	66	71.9	165	804
MW-1	06/12/07	29.8	38.2	116	477
MW-1	06/16/08	45.4	37.7	164	598
MW-1	06/10/09	33.7	16.4	156	484
MW-1	06/02/10	23.1	5.4	152	421
MW-1	05/09/11	<50	<50	137	394
MW-1	05/15/12	16.4	2.4	150	510
MW-1	06/05/13	23	3.5	190	54

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/11/13	13	0.68 J	220	13
MW-1	12/12/13	12	17	150	8.7
MW-1	04/04/14	21	17	180	<0.65
MW-1	10/24/14	11	<0.70	120	<1.6
MW-1	05/31/15	16	13	130	3.8 J
MW-1	11/24/15	51	29	160	52
MW-1	04/16/16	22	<5.0	110	16
MW-1	10/15/16	36	33	180	72
MW-1	06/08/17	23	<5.0	140	26
MW-1	11/11/17	4.4	<1.0	58	<10
MW-1	05/15/18	4.3	<1.0	4.3	<10
DUP-01(MW-1)*	05/15/18	4.6	<1.0	4.7	<10
MW-1	10/27/18	2.8	<1.0	5.3	<10
MW-1	05/23/19	4.2	2.2	14	<10
MW-1	11/10/19	5.9	<1.0	14	<10
DUP-01(MW-1)*	11/10/19	5.2	<1.0	12	<10
MW-1	05/12/20	3.0	2.1	3.5	<10
DUP-01(MW-1)*	05/12/20	2.6	1.7	2.5	<10
MW-1	11/12/20	2.3	<1.0	4.5	<10
MW-1	05/19/21	1.5	<1.0	1.1	<10
DUP-01(MW-1)*	05/19/21	1.4	<1.0	1.0	<10
MW-1	11/11/21	<1.0	<1.0	2.8	<10
MW-1	05/22/22	<1.0	1.0	1.6	<10
MW-1	05/20/23	<1.0	<1.0	<1.0	<10
MW-1	11/12/23	<1.0	<1.0	<1.0	<10
MW-2	12/13/01	940	74	360	2900
MW-2	08/06/02	NS	NS	NS	NS
MW-2	11/04/02	NS	NS	NS	NS
MW-2	05/19/03	673	167	228	1010
MW-2	08/18/03	NS	NS	NS	NS
MW-2	11/15/03	NS	NS	NS	NS
MW-2	02/17/04	NS	NS	NS	NS
MW-2	06/02/04	943	120	309	1130
MW-2	06/24/05	1090	120	418	1510
MW-2	06/07/06	592	37.7	216	692
MW-2	06/12/07	781	<25	286	733
MW-2	06/16/08	480	5.6 J	299	614
MW-2	06/10/09	532	<1	356	836
MW-2	06/02/10	421	3	348	670
MW-2	05/09/11	354	1.5 J	275	461

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	05/15/12	630	12.2	358	892
MW-2	06/05/13	440	94	520	1700
MW-2	09/11/13	390	11	680	2100
MW-2	12/12/13	150	8.6	300	640
MW-2	04/04/14	140	10	240	400
MW-2	10/24/14	59	<0.70	62	1.6 J
MW-2	05/31/15	3.4	2.0 J	8.9	<5.0
MW-2	11/24/15	31	<1.0	19	<3.0
MW-2	04/16/16	11	<5.0	5.1	<5.0
MW-2	10/15/16	140	<5.0	110	<5.0
MW-2	06/08/17	11	<5.0	<1.0	<5.0
MW-2	11/11/17	54	<1.0	<1.0	<10
MW-2	05/15/18	3.4	<1.0	<1.0	<10
MW-2	10/27/18	19	<1.0	<1.0	<10
MW-2	05/23/19	3.5	<1.0	<1.0	<10
MW-2	11/10/19	5.2	<1.0	4.8	<10
MW-2	05/12/20	1.8	<1.0	<1.0	<10
MW-2	11/12/20	26	<1.0	21	12
MW-2	05/19/21	2.3	<1.0	<1.0	<10
MW-2	11/11/21	4.9	<1.0	6.5	<10
MW-2	05/22/22	1.6	<1.0	<1.0	<10
MW-2	11/06/22	2.0	<1.0	1.2	<10
MW-2	05/20/23	<1.0	<1.0	<1.0	<10
MW-2	11/12/23	<1.0	<1.0	<1.0	<10
MW-3	12/13/01	1800	1600	570	5600
MW-3	08/06/02	NS	NS	NS	NS
MW-3	11/04/02	NS	NS	NS	NS
MW-3	05/19/03	NS	NS	NS	NS
MW-3	08/18/03	NS	NS	NS	NS
MW-3	11/15/03	NS	NS	NS	NS
MW-3	02/17/04	NS	NS	NS	NS
MW-3	06/02/04	NS	NS	NS	NS
MW-3	06/24/05	NS	NS	NS	NS
MW-3	06/07/06	NS	NS	NS	NS
MW-3	06/12/07	NS	NS	NS	NS
MW-3	06/16/08	NS	NS	NS	NS
MW-3	06/10/09	NS	NS	NS	NS
MW-3	06/02/10	NS	NS	NS	NS
MW-3	05/09/11	2370	15.2	429	836
MW-3	05/15/12	2240	10.3	405	807

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	06/05/13	2500	24	400	970
MW-3	09/11/13	2200	<0.6	550	1300
MW-3	12/12/13	1300	<3	390	700
MW-3	04/04/14	1600	<7.5	440	990
MW-3	10/24/14	1300	<3.5	340	490
MW-3	05/31/15	870	6.9 J	240	430
MW-3	11/24/15	2500	<1.0	510	760
MW-3	04/16/16	1400	<50	350	400
MW-3	10/15/16	NS	NS	NS	NS
MW-3	06/08/17	NS	NS	NS	NS
MW-3	11/11/17	NS	NS	NS	NS
MW-3	05/15/18	NS	NS	NS	NS
MW-3	10/27/18	1000	<2.0	180	68
MW-3	05/23/19	NS	NS	NS	NS
MW-3	11/10/19	NS	NS	NS	NS
MW-3	05/12/20	NS	NS	NS	NS
MW-3	11/12/20	800	<5.0	310	73
MW-3	05/19/21	NS	NS	NS	NS
MW-3	11/11/21	NS	NS	NS	NS
MW-3	05/22/22	NS	NS	NS	NS
MW-3	11/06/22	730	<5.0	250	220
MW-3	05/20/23	NS	NS	NS	NS
MW-3	11/12/23	NS	NS	NS	NS
MW-4	12/13/01	380	340	780	7300
MW-4	08/06/02	NS	NS	NS	NS
MW-4	11/04/02	NS	NS	NS	NS
MW-4	05/19/03	NS	NS	NS	NS
MW-4	08/18/03	NS	NS	NS	NS
MW-4	11/15/03	NS	NS	NS	NS
MW-4	02/17/04	NS	NS	NS	NS
MW-4	06/02/04	NS	NS	NS	NS
MW-4	06/24/05	NS	NS	NS	NS
MW-4	06/07/06	NS	NS	NS	NS
MW-4	06/12/07	NS	NS	NS	NS
MW-4	06/16/08	NS	NS	NS	NS
MW-4	06/10/09	NS	NS	NS	NS
MW-4	06/02/10	NS	NS	NS	NS
MW-4	05/09/11	1.6	5.2	227	700
MW-4	05/15/12	59	5	187	545
MW-4	06/05/13	0.16 J	0.56 J	82	71

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Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	09/11/13	<0.14	0.73 J	140	75
MW-4	12/12/13	0.21 J	13	37	1.1 J
MW-4	04/04/14	<0.20	18	130	48
MW-4	10/24/14	<0.38	<0.70	100	12
MW-4	05/31/15	<1.0	16	84	8.4
MW-4	11/24/15	5.1	1.2	65	3.2
MW-4	04/16/16	3.5	<5.0	59	6.9
MW-4	10/15/16	NS	NS	NS	NS
MW-4	06/08/17	NS	NS	NS	NS
MW-4	11/11/17	NS	NS	NS	NS
MW-4	05/15/18	NS	NS	NS	NS
MW-4	11/02/18	<1.0	<1.0	44	35
MW-4	05/23/19	NS	NS	NS	NS
MW-4	11/10/19	NS	NS	NS	NS
MW-4	05/12/20	NS	NS	NS	NS
MW-4	11/12/20	<1.0	<1.0	<1.0	<10
MW-4	05/19/21	NS	NS	NS	NS
MW-4	11/11/21	NS	NS	NS	NS
MW-4	05/22/22	NS	NS	NS	NS
MW-4	11/06/22	<1.0	<1.0	<1.0	<10
MW-4	05/20/23	NS	NS	NS	NS
MW-4	11/12/23	NS	NS	NS	NS
MW-5	11/09/06	NS	NS	NS	NS
MW-5	06/12/07	<1	<1	<1	15.6
MW-5	06/16/08	<1	<1	0.39 J	0.68 J
MW-5	06/10/09	<1	<1	1.7	4.2
MW-5	06/02/10	<2	<2	<2	<6
MW-5	05/09/11	NS	NS	NS	NS
MW-5	05/15/12	NS	NS	NS	NS
MW-5	06/05/13	<0.14	<0.30	<0.20	<0.23
MW-5	09/11/13	<0.14	<0.30	<0.20	<0.23
MW-5	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-5	04/04/14	0.74 J H	<0.38 H	<0.20 H	2 H
MW-5	10/24/14	NS	NS	NS	NS
MW-5	05/31/15	<1.0	<5.0	<1.0	<5.0
MW-5 plugged and abandoned on 11-13-15					
MW-6	12/12/13	60	35	73	220
MW-6	04/04/14	29	9.4	25	38
MW-6	10/24/14	43	<0.70	20	2.5 J

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	05/31/15	23	3.8 J	8.7	<5.0
MW-6	11/24/15	53	<1.0	21	4.6
MW-6	04/16/16	41	<5.0	8.1	<5.0
MW-6	10/15/16	NS	NS	NS	NS
MW-6	06/08/17	NS	NS	NS	NS
MW-6	11/11/17	NS	NS	NS	NS
MW-6	05/15/18	NS	NS	NS	NS
MW-6	10/27/18	28	<1.0	2.1	<10
MW-6	05/23/19	NS	NS	NS	NS
MW-6	11/10/19	NS	NS	NS	NS
MW-6	05/12/20	NS	NS	NS	NS
MW-6	11/12/20	15	<1.0	2.3	<10
MW-6	05/19/21	NS	NS	NS	NS
MW-6	11/11/21	NS	NS	NS	NS
MW-6	05/22/22	NS	NS	NS	NS
MW-6	11/06/22	<1.0	<1.0	<1.0	<10
MW-6	05/20/23	NS	NS	NS	NS
MW-6	11/12/23	NS	NS	NS	NS
MW-7	12/12/13	<1.0	110	200	2200
MW-7	04/04/14	<2.0	91	200	2200
MW-7	10/24/14	<3.8	53	380	3400
MW-7	05/31/15	<5.0	28	280	1900
MW-7	11/24/15	90	11	400	1300
MW-7	04/16/16	5.6	12	410	1500
MW-7	10/15/16	8.6	<10	360	450
MW-7	06/08/17	5.8	<10	340	570
MW-7	11/11/17	<2.0	<2.0	200	94
MW-7	05/15/18	<2.0	<2.0	85	260
MW-7	10/27/18	<1.0	<1.0	35	85
DUP-01(MW-7)*	10/27/18	<1.0	<1.0	35	86
MW-7	05/23/19	<1.0	<1.0	<1.0	<10
MW-7	11/10/19	<1.0	<1.0	<1.0	<10
MW-7	05/12/20	<1.0	<1.0	<1.0	<10
MW-7	11/12/20	<1.0	<1.0	<1.0	<10
MW-7	05/19/21	<1.0	<1.0	<1.0	<10
MW-7	11/11/21	<1.0	<1.0	<1.0	<10
MW-7	05/22/22	<1.0	<1.0	<1.0	<10
MW-7	11/06/22	<1.0	<1.0	<1.0	<10
MW-7	05/20/23	<1.0	<1.0	<1.0	<10
MW-7	11/12/23	<1.0	<1.0	<1.0	<10

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Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-8	12/12/13	350	53	480	780
MW-8	04/04/14	150	<0.38	470	260
MW-8	10/24/14	180	<1.4	460	70
MW-8	05/31/15	44	3.6 J	180	<5.0
MW-8	11/24/15	32	<1.0	29	3.8
MW-8	04/16/16	<1.0	<5.0	1.1	<5.0
MW-8	10/15/16	NS	NS	NS	NS
MW-8	06/08/17	NS	NS	NS	NS
MW-8	11/11/17	NS	NS	NS	NS
MW-8	05/15/18	NS	NS	NS	NS
MW-8	10/27/18	41	<1.0	2.3	<10
MW-8	05/23/19	NS	NS	NS	NS
MW-8	11/10/19	NS	NS	NS	NS
MW-8	05/12/20	NS	NS	NS	NS
MW-8	11/12/20	110	<1.0	3.3	<10
MW-8	05/19/21	NS	NS	NS	NS
MW-8	11/11/21	NS	NS	NS	NS
MW-8	05/22/22	NS	NS	NS	NS
MW-8	11/06/22	1.7	<1.0	<1.0	<10
MW-8	05/20/23	NS	NS	NS	NS
MW-8	11/12/23	NS	NS	NS	NS
MW-9	12/12/13	250	110	250	310
MW-9	04/04/14	130	57	110	100
MW-9	10/24/14	120	2.5	100	29
MW-9	05/31/15	72	<25	77	16 J
MW-9	11/24/15	130	<25	120	<25
MW-9	04/16/16	120	<5.0	130	6
MW-9	10/15/16	120	<5.0	120	8.2
MW-9	06/08/17	130	<5.0	140	8
MW-9	11/11/17	120	<1.0	86	<10
MW-9	05/15/18	65	<1.0	65	<10
MW-9	10/27/18	82	<1.0	97	<10
MW-9	05/23/19	79	<1.0	96	<10
DUP-01(MW-9)*	05/23/19	81	<1.0	95	<10
MW-9	11/10/19	120	<2.0	130	<20
MW-9	05/12/20	70	<1.0	140	<10
MW-9	11/12/20	100	<5.0	170	<50
DUP-01(MW-9)*	11/12/20	120	<1.0	220	<10
MW-9	05/19/21	64	<1.0	57	<10
MW-9	11/11/21	50	<1.0	32	<10

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
DUP-01(MW-9)*	11/11/21	68	<1.0	72	<10
MW-9	05/22/22	42	<1.0	39	<10
DUP-01(MW-9)*	05/22/22	40	<1.0	37	<10
MW-9	11/06/22	120	<1.0	85	<10
DUP-01(MW-9)*	11/06/22	98	<1.0	71	<10
MW-9	05/20/23	10	<1.0	<1.0	<10
DUP-01(MW-9)*	05/20/23	11	<1.0	<1.0	<10
MW-9	11/12/23	110	<1.0	55	<10
DUP-01(MW-9)*	11/12/23	110	<1.0	49	<10
MW-10	12/12/13	1600	460	130	1100
MW-10	04/04/14	340	5.6 J	62	42
MW-10	10/24/14	430	<1.4	63	12 J
MW-10	05/31/15	130	5.9	20	<5.0
MW-10	11/24/15	1300	<1.0	48	<15
MW-10	04/16/16	45	<5.0	2	<5.0
MW-10	10/15/16	NS	NS	NS	NS
MW-10	06/08/17	NS	NS	NS	NS
MW-10	11/11/17	NS	NS	NS	NS
MW-10	05/15/18	NS	NS	NS	NS
MW-10	10/27/18	520	<1.0	25	<10
MW-10	05/23/19	NS	NS	NS	NS
MW-10	11/10/19	NS	NS	NS	NS
MW-10	05/12/20	NS	NS	NS	NS
MW-10	11/12/20	6.0	<1.0	<1.0	<10
MW-10	05/19/21	NS	NS	NS	NS
MW-10	11/11/21	NS	NS	NS	NS
MW-10	05/22/22	NS	NS	NS	NS
MW-10	11/06/22	20	<1.0	1.9	<10
MW-10	05/20/23	NS	NS	NS	NS
MW-10	11/12/23	NS	NS	NS	NS
MW-11	12/12/13	1800	270	410	3000
MW-11	04/04/14	970 H	580	590	3500
MW-11	10/24/14	1800	210	380	2400
MW-11	05/31/15	1300	23 J	270	1200
MW-11	11/24/15	3600	3.8	580	3500
MW-11	04/16/16	3400	<100	660	3400
MW-11	10/15/16	NS	NS	NS	NS
MW-11	06/08/17	NS	NS	NS	NS
MW-11	11/11/17	NS	NS	NS	NS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-11	05/15/18	NS	NS	NS	NS
MW-11	10/27/18	2400	<10	550	2900
MW-11	05/23/19	NS	NS	NS	NS
MW-11	11/10/19	NS	NS	NS	NS
MW-11	05/12/20	NS	NS	NS	NS
MW-11	11/12/20	2600	<20	640	3900
MW-11	05/19/21	NS	NS	NS	NS
MW-11	11/11/21	NS	NS	NS	NS
MW-11	05/22/22	NS	NS	NS	NS
MW-11	11/06/22	2400	<10	590	3000
MW-11	05/20/23	NS	NS	NS	NS
MW-11	11/12/23	NS	NS	NS	NS
MW-12	11/24/15	260	8.9	320	2000
MW-12	04/16/16	210	<5.0	210	46
MW-12	10/15/16	NS	NS	NS	NS
MW-12	06/08/17	NS	NS	NS	NS
MW-12	11/11/17	NS	NS	NS	NS
MW-12	05/15/18	NS	NS	NS	NS
MW-12	10/27/18	37	<1.0	<1.0	<10
MW-12	05/23/19	NS	NS	NS	NS
MW-12	11/10/19	NS	NS	NS	NS
MW-12	05/12/20	NS	NS	NS	NS
MW-12	11/12/20	1.9	<1.0	<1.0	<10
MW-12	05/19/21	NS	NS	NS	NS
MW-12	11/11/21	NS	NS	NS	NS
MW-12	05/22/22	NS	NS	NS	NS
MW-12	11/06/22	<1.0	<1.0	<1.0	<10
MW-12	05/20/23	NS	NS	NS	NS
MW-12	11/12/23	NS	NS	NS	NS
MW-13	11/24/15	<1.0	<1.0	<1.0	<3.0
MW-13	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-13	10/15/16	NS	NS	NS	NS
MW-13	06/08/17	NS	NS	NS	NS
MW-13	11/11/17	NS	NS	NS	NS
MW-13	05/15/18	NS	NS	NS	NS
MW-13	10/27/18	<1.0	<1.0	<1.0	<10
MW-13	05/23/19	NS	NS	NS	NS
MW-13	11/10/19	NS	NS	NS	NS
MW-13	05/12/20	NS	NS	NS	NS

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-13	11/12/20	<1.0	<1.0	<1.0	<10
MW-13	05/19/21	NS	NS	NS	NS
MW-13	11/11/21	NS	NS	NS	NS
MW-13	05/22/22	NS	NS	NS	NS
MW-13	11/06/22	<1.0	<1.0	<1.0	<10
MW-13	05/20/23	NS	NS	NS	NS
MW-13	11/12/23	NS	NS	NS	NS
MW-14	11/24/15	2.4	<1.0	<1.0	<3.0
MW-14	04/16/16	1.4	<5.0	<1.0	<5.0
MW-14	10/15/16	NS	NS	NS	NS
MW-14	06/08/17	NS	NS	NS	NS
MW-14	11/11/17	NS	NS	NS	NS
MW-14	05/15/18	NS	NS	NS	NS
MW-14	10/27/18	<1.0	<1.0	<1.0	<10
MW-14	05/23/19	NS	NS	NS	NS
MW-14	11/10/19	NS	NS	NS	NS
MW-14	05/12/20	NS	NS	NS	NS
MW-14	11/12/20	<1.0	<1.0	<1.0	<10
MW-14	05/19/21	NS	NS	NS	NS
MW-14	11/11/21	NS	NS	NS	NS
MW-14	05/22/22	NS	NS	NS	NS
MW-14	11/06/22	<1.0	<1.0	<1.0	<10
MW-14	05/20/23	NS	NS	NS	NS
MW-14	11/12/23	NS	NS	NS	NS
MW-15	11/24/15	<1.0	<1.0	<1.0	3.1
MW-15	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-15	10/15/16	<1.0	<5.0	1.7	<5.0
MW-15	06/08/17	<1.0	<5.0	<1.0	<5.0
MW-15	11/11/17	<1.0	<1.0	<1.0	<10
MW-15	05/15/18	<1.0	<1.0	<1.0	<10
MW-15	10/27/18	<1.0	<1.0	<1.0	<10
MW-15	05/23/19	<1.0	<1.0	<1.0	<10
MW-15	11/10/19	<1.0	<1.0	<1.0	<10
MW-15	05/12/20	<1.0	<1.0	<1.0	<10
MW-15	11/12/20	<1.0	<1.0	<1.0	<10
MW-15	05/19/21	<1.0	<1.0	<1.0	<10
MW-15	11/11/21	<1.0	<1.0	<1.0	<10
MW-15	05/22/22	<1.0	<1.0	<1.0	<10
MW-15	11/06/22	<1.0	<1.0	<1.0	<10

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-15	05/20/23	<1.0	<1.0	<1.0	<10
MW-15	11/12/23	<1.0	<1.0	<1.0	<10
MW-16	11/24/15	120	57	190	1500
MW-16	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-16	10/15/16	<1.0	<5.0	1.7	<5.0
MW-16	06/08/17	1.1	<5.0	2.2	6.2
MW-16	11/11/17	<1.0	<1.0	<1.0	<10
MW-16	05/15/18	<1.0	<1.0	<1.0	<10
MW-16	10/27/18	<1.0	<1.0	<1.0	<10
MW-16	05/23/19	<1.0	<1.0	<1.0	<10
MW-16	11/10/19	<1.0	<1.0	<1.0	<10
MW-16	05/12/20	<1.0	<1.0	<1.0	<10
MW-16	11/12/20	<1.0	<1.0	<1.0	<10
MW-16	05/19/21	<1.0	<1.0	<1.0	<10
MW-16	11/11/21	<1.0	<1.0	<1.0	<10
MW-16	05/22/22	<1.0	<1.0	<1.0	<10
MW-16	11/06/22	<1.0	<1.0	<1.0	<10
MW-16	05/20/23	<1.0	<1.0	<1.0	<10
MW-16	11/12/23	<1.0	<1.0	<1.0	<10

Notes:

"NS" = Not sampled

"µg/L" = micrograms per liter

"NMWQCC" = New Mexico Water Quality Control Commission

Results highlighted yellow exceed their respective NMWQCC standards.

B = Compound was found in the blank and sample.

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

H = Sample was prepped or analyzed beyond the specified holding time.

< = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).

*Field Duplicate results presented immediately primary sample result

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	09/12/95	5681.65	NR	21.03		5660.62
MW-1	11/07/96	5681.65	21.24	21.30	0.06	5660.39
MW-1	02/07/97	5681.65	NR	20.96		5660.69
MW-1	05/09/97	5681.65	NR	20.78		5660.87
MW-1	08/08/97	5681.65	NR	21.13		5660.52
MW-1	11/04/97	5681.65	NR	20.86		5660.79
MW-1	02/03/98	5681.65	NR	20.61		5661.04
MW-1	05/07/98	5681.65	NR	20.47		5661.18
MW-1	08/04/98	5681.65	NR	20.85		5660.80
MW-1	11/03/98	5681.65	NR	20.62		5661.03
MW-1	02/02/99	5681.65	NR	20.02		5661.63
MW-1	05/19/99	5681.65	NR	19.86		5661.79
MW-1	08/04/99	5681.65	NR	19.98		5661.67
MW-1	11/09/99	5681.65	NR	19.91		5661.74
MW-1	02/25/00	5681.65	NR	19.69		5661.96
MW-1	05/24/00	5681.65	NR	NR		NA
MW-1	08/08/00	5681.65	NR	NR		NA
MW-1	11/06/00	5681.65	NR	20.29		5661.36
MW-1	02/15/01	5681.65	NR	20.18		5661.47
MW-1	06/04/01	5681.65	NR	20.05		5661.60
MW-1	08/07/01	5681.65	NR	20.41		5661.24
MW-1	12/04/01	5681.65	NR	20.26		5661.39
MW-1	02/25/02	5681.65	NR	20.06		5661.59
MW-1	05/14/02	5681.65	NR	20.17		5661.48
MW-1	08/06/02	5681.65	NR	20.69		5660.96
MW-1	11/04/02	5681.65	NR	20.61		5661.04
MW-1	02/27/03	5681.65	ND	20.24		5661.41
MW-1	05/19/03	5681.65	ND	20.31		5661.34
MW-1	08/18/03	5681.65	ND	21.00		5660.65
MW-1	11/15/03	5681.65	ND	20.41		5661.24
MW-1	02/17/04	5681.65	ND	19.89		5661.76
MW-1	06/02/04	5681.65	ND	19.99		5661.66
MW-1	06/24/05	5681.65	ND	19.98		5661.67
MW-1	06/07/06	5681.65	ND	20.18		5661.47
MW-1	06/12/07	5681.65	ND	19.85		5661.80
MW-1	06/16/08	5681.65	ND	20.24		5661.41
MW-1	06/10/09	5681.65	ND	20.52		5661.13
MW-1	06/02/10	5681.65	ND	20.63		5661.02
MW-1	05/09/11	5681.65	ND	20.60		5661.05
MW-1	05/15/12	5681.65	ND	20.61		5661.04

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	06/05/13	5681.65	ND	20.79		5660.86
MW-1	09/11/13	5681.65	ND	21.21		5660.44
MW-1	12/12/13	5681.65	ND	20.52		5661.13
MW-1	04/04/14	5681.65	ND	20.10		5661.55
MW-1	10/24/14	5681.65	ND	20.68		5660.97
MW-1	05/31/15	5681.65	ND	19.95		5661.70
MW-1	11/24/15	5681.65	ND	20.44		5661.21
MW-1	04/16/16	5681.65	ND	19.95		5661.70
MW-1	10/15/16	5681.65	ND	20.75		5660.90
MW-1	06/08/17	5681.65	ND	19.88		5661.77
MW-1	11/11/17	5681.65	ND	20.49		5661.16
MW-1	05/15/18	5681.65	ND	19.85		5661.80
MW-1	10/27/18	5681.65	ND	20.53		5661.12
MW-1	05/23/19	5681.65	ND	19.43		5662.22
MW-1	11/10/19	5681.65	ND	20.22		5661.43
MW-1	05/12/20	5681.65	ND	19.58		5662.07
MW-1	11/12/20	5681.65	ND	20.46		5661.19
MW-1	05/19/21	5681.65	ND	19.81		5661.84
MW-1	11/11/21	5681.65	ND	20.15		5661.50
MW-1	05/22/22	5681.65	ND	19.59		5662.06
MW-1	11/06/22	5681.65	ND	19.77		5661.88
MW-1	05/20/23	5681.65	ND	19.00		5662.65
MW-1	11/12/23	5681.65	ND	20.05		5661.60
MW-2	12/13/01	5688.83	NR	27.15		5661.68
MW-2	08/06/02	5688.83	NR	27.65		5661.18
MW-2	11/04/02	5688.83	NR	27.59		5661.24
MW-2	05/19/03	5688.83	ND	27.29		5661.54
MW-2	08/18/03	5688.83	ND	29.96		5658.87
MW-2	11/15/03	5688.83	ND	27.33		5661.50
MW-2	02/17/04	5688.83	ND	26.86		5661.97
MW-2	06/02/04	5688.83	ND	26.94		5661.89
MW-2	06/24/05	5688.83	ND	26.92		5661.91
MW-2	06/07/06	5688.83	ND	27.12		5661.71
MW-2	06/12/07	5688.83	ND	26.96		5661.87
MW-2	06/16/08	5688.83	ND	27.17		5661.66
MW-2	06/10/09	5688.83	ND	27.45		5661.38
MW-2	06/02/10	5688.83	ND	27.50		5661.33
MW-2	05/09/11	5688.83	ND	27.56		5661.27
MW-2	05/15/12	5688.83	ND	27.53		5661.30
MW-2	06/05/13	5688.83	ND	27.59		5661.24

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	09/11/13	5688.83	ND	28.14		5660.69
MW-2	12/12/13	5688.83	ND	27.43		5661.40
MW-2	04/04/14	5688.83	ND	27.00		5661.83
MW-2	10/24/14	5688.83	ND	27.54		5661.29
MW-2	05/31/15	5688.83	ND	26.83		5662.00
MW-2	11/24/15	5688.83	ND	27.32		5661.51
MW-2	04/16/16	5688.83	ND	26.82		5662.01
MW-2	10/15/16	5688.83	ND	27.66		5661.17
MW-2	06/08/17	5688.83	ND	26.74		5662.09
MW-2	11/11/17	5688.83	ND	27.34		5661.49
MW-2	05/15/18	5688.83	ND	26.73		5662.10
MW-2	10/27/18	5688.83	ND	27.40		5661.43
MW-2	05/23/19	5688.83	ND	26.28		5662.55
MW-2	11/10/19	5688.83	ND	27.13		5661.70
MW-2	05/12/20	5688.83	ND	26.51		5662.32
MW-2	11/12/20	5688.83	ND	27.30		5661.53
MW-2	05/19/21	5688.83	ND	26.75		5662.08
MW-2	11/11/21	5688.83	ND	27.06		5661.77
MW-2	05/22/22	5688.83	ND	26.51		5662.32
MW-2	11/06/22	5688.83	ND	26.74		5662.09
MW-2	05/20/23	5688.83	ND	25.94		5662.89
MW-2	11/12/23	5688.83	ND	27.11		5661.72
MW-3	12/13/01	5681.69	NR	27.15		5654.54
MW-3	08/06/02	5681.69	NR	27.65		5654.04
MW-3	11/04/02	5681.69	NR	27.59		5654.10
MW-3	05/19/03	5681.69	ND	27.29		5654.40
MW-3	08/18/03	5681.69	ND	29.96		5651.73
MW-3	11/15/03	5681.69	ND	27.33		5654.36
MW-3	02/17/04	5681.69	ND	26.86		5654.83
MW-3	06/02/04	5681.69	ND	26.94		5654.75
MW-3	06/24/05	5681.69	ND	26.92		5654.77
MW-3	06/07/06	5681.69	ND	27.12		5654.57
MW-3	06/12/07	5681.69	ND	26.96		5654.73
MW-3	06/16/08	5681.69	ND	27.17		5654.52
MW-3	06/10/09	5681.69	ND	27.45		5654.24
MW-3	06/02/10	5681.69	ND	27.50		5654.19
MW-3	05/09/11	5681.69	ND	27.56		5654.13
MW-3	05/15/12	5681.69	ND	27.53		5654.16
MW-3	06/05/13	5681.69	ND	21.57		5660.12
MW-3	09/11/13	5681.69	ND	22.02		5659.67

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	12/12/13	5681.69	ND	21.33		5660.36
MW-3	04/04/14	5681.69	ND	20.89		5660.80
MW-3	10/24/14	5681.69	ND	21.49		5660.20
MW-3	05/31/15	5681.69	ND	20.73		5660.96
MW-3	11/24/15	5681.69	ND	21.24		5660.45
MW-3	04/16/16	5681.69	ND	20.73		5660.96
MW-3	10/15/16	5681.69	ND	21.55		5660.14
MW-3	06/08/17	5681.69	ND	20.65		5661.04
MW-3	11/11/17	5681.69	ND	21.30		5660.39
MW-3	05/15/18	5681.69	ND	20.69		5661.00
MW-3	10/27/18	5681.69	ND	21.40		5660.29
MW-3	05/23/19	5681.69	ND	20.27		5661.42
MW-3	11/10/19	5681.69	ND	21.06		5660.63
MW-3	05/12/20	5681.69	ND	20.43		5661.26
MW-3	11/12/20	5681.69	ND	21.35		5660.34
MW-3	05/19/21	5681.69	ND	20.72		5660.97
MW-3	11/11/21	5681.69	ND	21.06		5660.63
MW-3	05/22/22	5681.69	ND	20.43		5661.26
MW-3	11/06/22	5681.69	ND	20.66		5661.03
MW-3	05/20/23	5681.69	ND	19.85		5661.84
MW-3	11/12/23	5681.69	ND	20.89		5660.80
MW-4	12/13/01	5677.86	NR	21.10		5656.76
MW-4	08/06/02	5677.86	NR	21.53		5656.32
MW-4	11/04/02	5677.86	NR	21.40		5656.46
MW-4	05/19/03	5677.86	ND	21.07		5656.79
MW-4	08/18/03	5677.86	ND	21.78		5656.08
MW-4	11/15/03	5677.86	ND	21.22		5656.64
MW-4	02/17/04	5677.86	ND	20.74		5657.12
MW-4	06/02/04	5677.86	ND	20.74		5657.12
MW-4	06/24/05	5677.86	ND	20.75		5657.11
MW-4	06/07/06	5677.86	ND	20.96		5656.90
MW-4	06/12/07	5677.86	ND	20.58		5657.28
MW-4	06/16/08	5677.86	ND	20.95		5656.91
MW-4	06/10/09	5677.86	ND	21.23		5656.63
MW-4	06/02/10	5677.86	ND	21.25		5656.61
MW-4	05/09/11	5677.86	ND	21.33		5656.53
MW-4	05/15/12	5677.86	ND	17.60		5660.26
MW-4	06/05/13	5677.86	ND	17.79		5660.07
MW-4	09/11/13	5677.86	ND	18.21		5659.65
MW-4	12/12/13	5677.86	ND	17.56		5660.30

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	04/04/14	5677.86	ND	17.11		5660.75
MW-4	10/24/14	5677.86	ND	17.70		5660.16
MW-4	05/31/15	5677.86	ND	16.95		5660.91
MW-4	11/24/15	5677.86	ND	17.46		5660.40
MW-4	04/16/16	5677.86	ND	16.93		5660.93
MW-4	10/15/16	5677.86	ND	17.76		5660.10
MW-4	06/08/17	5677.86	ND	16.88		5660.98
MW-4	11/11/17	5677.86	NM	NM		NM
MW-4	05/15/18	5677.86	NM	NM		NM
MW-4	11/02/18	5677.86	NM due to presence of roots			
MW-4	05/23/19	5677.86	ND	16.50		NM
MW-4	11/10/19	5677.86	ND	17.29		NM
MW-4	05/12/20	5677.86	ND	16.67		5661.19
MW-4	11/12/20	5677.86	ND	17.52		5660.34
MW-4	05/19/21	5677.86	ND	16.92		5660.94
MW-4	11/11/21	5677.86	ND	17.00		5660.86
MW-4	05/22/22	5677.86	ND	16.68		5661.18
MW-4	11/06/22	5677.86	ND	16.90		5660.96
MW-4	05/20/23	5677.86	ND	16.06		5661.80
MW-4	11/12/23	5677.86	ND	17.11		5660.75
MW-5	11/09/06	5679.49	ND	17.63		5661.86
MW-5	06/12/07	5679.49	ND	17.85		5661.64
MW-5	06/16/08	5679.49	ND	18.20		5661.29
MW-5	06/10/09	5679.49	ND	18.58		5660.91
MW-5	06/02/10	5679.49	ND	18.65		5660.84
MW-5	05/09/11	5679.49	ND	18.74		5660.75
MW-5	05/15/12	5679.49	ND	18.67		5660.82
MW-5	06/05/13	5679.49	ND	18.88		5660.61
MW-5	09/11/13	5679.49	ND	19.41		5660.08
MW-5	12/12/13	5679.49	ND	18.69		5660.80
MW-5	04/04/14	5679.49	ND	18.18		5661.31
MW-5	10/24/14	5679.49	ND	DRY		DRY
MW-5	10/24/14	5679.49	ND	DRY		DRY
MW-5	05/31/15	5679.49	ND	17.99		5661.50
MW-5 plugged and abandoned on 11-13-15						
MW-6	12/12/13	5689.93	ND	27.63		5662.30
MW-6	04/04/14	5689.93	ND	27.20		5662.73
MW-6	10/24/14	5689.93	ND	27.69		5662.24
MW-6	05/31/15	5689.93	ND	27.01		5662.92

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	11/24/15	5689.93	ND	27.49		5662.44
MW-6	04/16/16	5689.93	ND	27.07		5662.86
MW-6	10/15/16	5689.93	ND	27.77		5662.16
MW-6	06/08/17	5689.93	ND	26.91		5663.02
MW-6	11/11/17	5689.93	ND	27.51		5662.42
MW-6	05/15/18	5689.93	ND	26.90		5663.03
MW-6	10/27/18	5689.93	ND	27.48		5662.45
MW-6	05/23/19	5689.93	ND	26.56		5663.37
MW-6	11/10/19	5689.93	ND	27.18		5662.75
MW-6	05/12/20	5689.93	ND	26.62		5663.31
MW-6	11/12/20	5689.93	ND	27.41		5662.52
MW-6	05/19/21	5689.93	ND	26.81		5663.12
MW-6	11/11/21	5689.93	ND	27.12		5662.81
MW-6	05/22/22	5689.93	ND	26.64		5663.29
MW-6	11/06/22	5689.93	ND	26.85		5663.08
MW-6	05/20/23	5689.93	ND	26.25		5663.68
MW-6	11/12/23	5689.93	ND	27.12		5662.81
MW-7	12/12/13	5682.68	ND	21.40		5661.28
MW-7	04/04/14	5682.68	ND	21.00		5661.68
MW-7	10/24/14	5682.68	ND	21.52		5661.16
MW-7	05/31/15	5682.68	ND	20.82		5661.86
MW-7	11/24/15	5682.68	ND	21.30		5661.38
MW-7	04/16/16	5682.68	ND	20.80		5661.88
MW-7	10/15/16	5682.68	ND	21.60		5661.08
MW-7	06/08/17	5682.68	ND	20.74		5661.94
MW-7	11/11/17	5682.68	ND	21.33		5661.35
MW-7	05/15/18	5682.68	ND	20.73		5661.95
MW-7	10/27/18	5682.68	ND	21.38		5661.30
MW-7	05/23/19	5682.68	ND	20.26		5662.42
MW-7	11/10/19	5682.68	ND	21.08		5661.60
MW-7	05/12/20	5682.68	ND	20.45		5662.23
MW-7	11/12/20	5682.68	ND	21.31		5661.37
MW-7	05/19/21	5682.68	ND	20.70		5661.98
MW-7	11/11/21	5682.68	ND	21.00		5661.68
MW-7	05/22/22	5682.68	ND	20.45		5662.23
MW-7	11/06/22	5682.68	ND	20.63		5662.05
MW-7	05/20/23	5682.68	ND	19.89		5662.79
MW-7	11/12/23	5682.68	ND	20.93		5661.75

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	12/12/13	5688.59	ND	27.95		5660.64
MW-8	04/04/14	5688.59	ND	27.49		5661.10
MW-8	10/24/14	5688.59	ND	28.09		5660.50
MW-8	05/31/15	5688.59	ND	27.33		5661.26
MW-8	11/24/15	5688.59	ND	27.85		5660.74
MW-8	04/16/16	5688.59	ND	27.32		5661.27
MW-8	10/15/16	5688.59	ND	28.18		5660.41
MW-8	06/08/17	5688.59	ND	27.23		5661.36
MW-8	11/11/17	5688.59	ND	27.89		5660.70
MW-8	05/15/18	5688.59	ND	27.29		5661.30
MW-8	10/27/18	5688.59	ND	27.97		5660.62
MW-8	05/23/19	5688.59	ND	26.80		5661.79
MW-8	11/10/19	5688.59	ND	27.65		5660.94
MW-8	05/12/20	5688.59	ND	27.00		5661.59
MW-8	11/12/20	5688.59	ND	27.92		5660.67
MW-8	05/19/21	5688.59	ND	27.26		5661.33
MW-8	11/11/21	5688.59	ND	27.61		5660.98
MW-8	05/22/22	5688.59	ND	27.01		5661.58
MW-8	11/06/22	5688.59	ND	27.22		5661.37
MW-8	05/20/23	5688.59	ND	26.38		5662.21
MW-8	11/12/23	5688.59	ND	27.50		5661.09
MW-9	12/12/13	5682.09	ND	21.61		5660.48
MW-9	04/04/14	5682.09	ND	21.11		5660.98
MW-9	10/24/14	5682.09	ND	21.66		5660.43
MW-9	05/31/15	5682.09	ND	20.94		5661.15
MW-9	11/24/15	5682.09	ND	21.41		5660.68
MW-9	04/16/16	5682.09	ND	20.92		5661.17
MW-9	10/15/16	5682.09	ND	21.72		5660.37
MW-9	06/08/17	5682.09	ND	20.85		5661.24
MW-9	11/11/17	5682.09	ND	21.46		5660.63
MW-9	05/15/18	5682.09	ND	20.86		5661.23
MW-9	10/27/18	5682.09	ND	21.55		5660.54
MW-9	05/23/19	5682.09	ND	20.43		5661.66
MW-9	11/10/19	5682.09	ND	21.24		5660.85
MW-9	05/12/20	5682.09	ND	20.60		5661.49
MW-9	11/12/20	5682.09	ND	21.51		5660.58
MW-9	05/19/21	5682.09	ND	20.86		5661.23
MW-9	11/11/21	5682.09	ND	21.18		5660.91
MW-9	05/22/22	5682.09	ND	20.61		5661.48
MW-9	11/06/22	5682.09	ND	20.81		5661.28

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-9	05/20/23	5682.09	ND	19.98		5662.11
MW-9	11/12/23	5682.09	ND	21.06		5661.03
MW-10	12/12/13	5688.16	ND	27.74		5660.42
MW-10	04/04/14	5688.16	ND	27.30		5660.86
MW-10	10/24/14	5688.16	ND	27.91		5660.25
MW-10	05/31/15	5688.16	ND	27.14		5661.02
MW-10	11/24/15	5688.16	ND	27.67		5660.49
MW-10	04/16/16	5688.16	ND	27.13		5661.03
MW-10	10/15/16	5688.16	ND	27.99		5660.17
MW-10	06/08/17	5688.16	ND	27.04		5661.12
MW-10	11/11/17	5688.16	ND	27.74		5660.42
MW-10	05/15/18	5688.16	ND	27.12		5661.04
MW-10	10/27/18	5688.16	ND	27.84		5660.32
MW-10	05/23/19	5688.16	ND	26.65		5661.51
MW-10	11/10/19	5688.16	ND	27.51		5660.65
MW-10	05/12/20	5688.16	ND	26.82		5661.34
MW-10	11/12/20	5688.16	ND	27.75		5660.41
MW-10	05/19/21	5688.16	ND	27.08		5661.08
MW-10	11/11/21	5688.16	ND	27.43		5660.73
MW-10	05/22/22	5688.16	ND	26.83		5661.33
MW-10	11/06/22	5688.16	ND	27.04		5661.12
MW-10	05/20/23	5688.16	ND	26.20		5661.96
MW-10	11/12/23	5688.16	ND	27.35		5660.81
MW-11	12/12/13	5680.33	ND	20.16		5660.17
MW-11	04/04/14	5680.33	ND	19.72		5660.61
MW-11	10/24/14	5680.33	ND	20.32		5660.01
MW-11	05/31/15	5680.33	ND	19.56		5660.77
MW-11	11/24/15	5680.33	ND	20.07		5660.26
MW-11	04/16/16	5680.33	ND	19.55		5660.78
MW-11	10/15/16	5680.33	ND	20.37		5659.96
MW-11	06/08/17	5680.33	ND	19.47		5660.86
MW-11	11/11/17	5680.33	ND	20.12		5660.21
MW-11	05/15/18	5680.33	ND	19.53		5660.80
MW-11	10/27/18	5680.33	ND	20.23		5660.10
MW-11	05/23/19	5680.33	ND	19.11		5661.22
MW-11	11/10/19	5680.33	ND	18.80		5661.53
MW-11	05/12/20	5680.33	ND	19.27		5661.06
MW-11	11/12/20	5680.33	ND	20.18		5660.15
MW-11	05/19/21	5680.33	ND	19.55		5660.78

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-11	11/11/21	5680.33	ND	19.90		5660.43
MW-11	05/22/22	5680.33	ND	19.27		5661.06
MW-11	11/06/22	5680.33	ND	19.49		5660.84
MW-11	05/20/23	5680.33	ND	18.65		5661.68
MW-11	11/12/23	5680.33	ND	19.73		5660.60
MW-12	11/24/15	5676.34	ND	16.35		5659.99
MW-12	04/16/16	5676.34	ND	15.84		5660.50
MW-12	10/15/16	5676.34	ND	16.65		5659.69
MW-12	06/08/17	5676.34	ND	15.76		5660.58
MW-12	11/11/17	5676.34	ND	16.39		5659.95
MW-12	05/15/18	5676.34	ND	15.83		5660.51
MW-12	10/27/18	5676.34	ND	16.53		5659.81
MW-12	05/23/19	5676.34	ND	15.41		5660.93
MW-12	11/10/19	5676.34	ND	16.20		5660.14
MW-12	05/12/20	5676.34	ND	16.46		5659.88
MW-12	11/12/20	5676.34	ND	16.46		5659.88
MW-12	05/19/21	5676.34	ND	15.87		5660.47
MW-12	11/11/21	5676.34	ND	16.18		5660.16
MW-12	05/22/22	5676.34	ND	15.58		5660.76
MW-12	11/06/22	5676.34	ND	14.80		5661.54
MW-12	05/20/23	5676.34	ND	14.96		5661.38
MW-12	11/12/23	5676.34	ND	16.06		5660.28
MW-13	11/24/15	5681.64	ND	21.58		5660.06
MW-13	04/16/16	5681.64	ND	22.58		5660.57
MW-13	10/15/16	5681.64	ND	23.58		5659.76
MW-13	06/08/17	5681.64	ND	24.58		5660.67
MW-13	11/11/17	5681.64	ND	25.58		5660.02
MW-13	05/15/18	5681.64	ND	26.58		5660.59
MW-13	10/27/18	5681.64	ND	27.58		5660.01
MW-13	05/23/19	5681.64	ND	28.58		5661.01
MW-13	11/10/19	5681.64	ND	29.58		5660.19
MW-13	05/12/20	5681.64	ND	20.79		5660.85
MW-13	11/12/20	5681.64	ND	21.67		5659.97
MW-13	05/19/21	5681.64	ND	21.07		5660.57
MW-13	11/11/21	5681.64	ND	21.41		5660.23
MW-13	05/22/22	5681.64	ND	20.79		5660.85
MW-13	11/06/22	5681.64	ND	21.02		5660.62
MW-13	05/20/23	5681.64	ND	20.18		5661.46
MW-13	11/12/23	5681.64	ND	21.29		5660.35

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-14	11/24/15	5685.68	ND	36.33		5649.35
MW-14	04/16/16	5685.68	ND	24.41		5661.27
MW-14	10/15/16	5685.68	ND	25.04		5660.64
MW-14	06/08/17	5685.68	ND	24.12		5661.56
MW-14	11/11/17	5685.68	ND	24.91		5660.77
MW-14	05/15/18	5685.68	ND	24.41		5661.27
MW-14	10/27/18	5685.68	ND	24.99		5660.69
MW-14	05/23/19	5685.68	ND	23.87		5661.81
MW-14	11/10/19	5685.68	ND	24.65		5661.03
MW-14	05/12/20	5685.68	ND	24.06		5661.62
MW-14	11/12/20	5685.68	ND	24.95		5660.73
MW-14	05/19/21	5685.68	ND	24.33		5661.35
MW-14	11/11/21	5685.68	ND	24.65		5661.03
MW-14	05/22/22	5685.68	ND	24.01		5661.67
MW-14	11/06/22	5685.68	ND	24.24		5661.44
MW-14	05/20/23	5685.68	ND	23.48		5662.20
MW-14	11/12/23	5685.68	ND	24.51		5661.17
MW-15	11/24/15	5683.73	ND	22.10		5661.63
MW-15	04/16/16	5683.73	ND	21.61		5662.12
MW-15	10/15/16	5683.73	ND	22.43		5661.30
MW-15	06/08/17	5683.73	ND	21.56		5662.17
MW-15	11/11/17	5683.73	ND	22.16		5661.57
MW-15	05/15/18	5683.73	ND	21.52		5662.21
MW-15	10/27/18	5683.73	ND	22.18		5661.55
MW-15	05/23/19	5683.73	ND	21.06		5662.67
MW-15	11/10/19	5683.73	ND	28.88		5654.85
MW-15	05/12/20	5683.73	ND	21.25		5662.48
MW-15	11/12/20	5683.73	ND	22.10		5661.63
MW-15	05/19/21	5683.73	ND	21.51		5662.22
MW-15	11/11/21	5683.73	ND	21.80		5661.93
MW-15	05/22/22	5683.73	ND	21.27		5662.46
MW-15	11/06/22	5683.73	ND	21.45		5662.28
MW-15	05/20/23	5683.73	ND	20.70		5663.03
MW-15	11/12/23	5683.73	ND	21.74		5661.99
MW-16	11/24/15	5679.67	ND	18.81		5660.86
MW-16	11/24/15	5679.67	ND	18.81		5660.86
MW-16	04/16/16	5679.67	ND	18.30		5661.37
MW-16	10/15/16	5679.67	ND	19.13		5660.54
MW-16	06/08/17	5679.67	ND	18.24		5661.43

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-16	11/11/17	5679.67	ND	18.89		5660.78
MW-16	05/15/18	5679.67	ND	18.25		5661.42
MW-16	10/27/18	5679.67	ND	18.95		5660.72
MW-16	05/23/19	5679.67	ND	17.81		5661.86
MW-16	11/10/19	5679.67	ND	18.63		5661.04
MW-16	05/12/20	5679.67	ND	17.99		5661.68
MW-16	11/12/20	5679.67	ND	18.92		5660.75
MW-16	05/19/21	5679.67	ND	18.25		5661.42
MW-16	11/11/21	5679.67	ND	18.59		5661.08
MW-16	05/22/22	5679.67	ND	18.00		5661.67
MW-16	11/06/22	5679.67	ND	18.22		5661.45
MW-16	05/20/23	5679.67	ND	17.43		5662.24
MW-16	11/12/23	5679.67	ND	18.48		5661.19

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

Groundwater elevation = Top of Casing elevation (TOC, ft) + Depth to Water [ft] + (LPH thickness [ft] x 0.75). A specific gravity of 0.75 is within the range of gas condensate (<https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate>)

FIGURES

FIGURE 1: SITE LOCATION

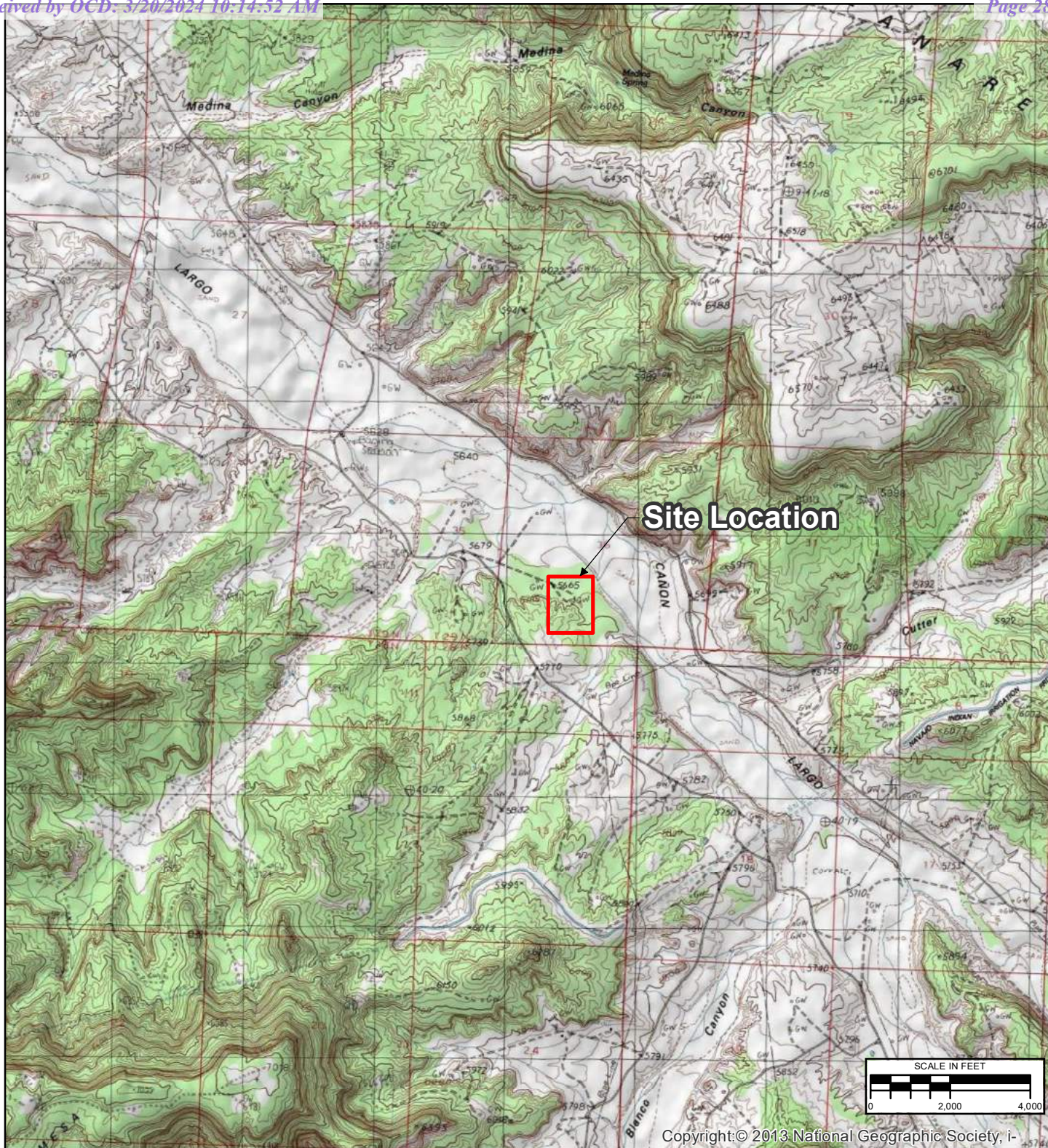
FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS – MAY 20, 2023

FIGURE 4: GROUNDWATER ELEVATION MAP – MAY 20, 2023

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS – NOVEMBER 12, 2023

FIGURE 6: GROUNDWATER ELEVATION MAP – NOVEMBER 12, 2023



National Geographic, Esri,
Garmin, HERE, UNEP-
WCMC, USGS, NASA,

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/18/2021	SAH	SAH	SRV

TITLE	SITE LOCATION	
PROJECT	STANDARD OIL COM #1 SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO	
FIGURE	1	

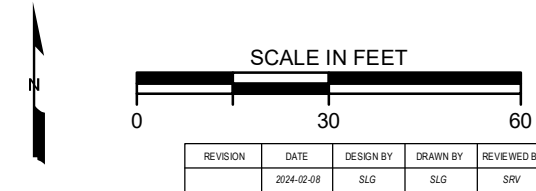
\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STANDARD OIL COM #1\2023 MAPS\Std_Oil_Com#1_SITEMAP_2023.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016

LEGEND:

- 5795** — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x— FENCE
- ||||| FORMER PIT
- GAS — NATURAL GAS PIPELINE
- E— UNDERGROUND ELECTRIC LINE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- ▲ BENCHMARK
- ⊠ GAS VALVE
- ◆ MONITORING WELL
- MONITORING WELL
- ◆ OTHER MONITORING WELL
- ⊠ RIG ANCHOR



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-02-08	SLG	SLG	SRV

TITLE:
SITE PLAN

PROJECT: **STANDARD OIL COM #1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:
2

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STANDARD OIL COM #1\2023 MAPS\Std_Oil_Com#1_GARM_1SA_2023.mxd



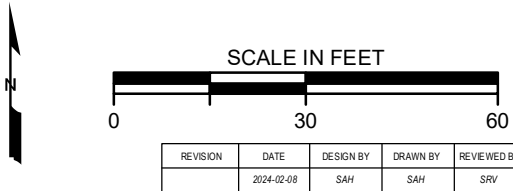
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016

LEGEND:

- 5795 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- FORMER PIT
- NATURAL GAS PIPELINE
- UNDERGROUND ELECTRIC LINE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- MONITORING WELL
- ABANDONED MONITORING WELL
- OTHER MONITORING WELL
- RIG ANCHOR
- BENCHMARK
- GAS VALVE

NOTES:
DUP = FIELD DUPLICATE SAMPLE
EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:
RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
µg/L = MICROGRAMS PER LITER
<1.0 = BELOW REPORTING LIMIT
NS = NOT SAMPLED

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L



TITLE:
**GROUNDWATER ANALYTICAL RESULTS
MAY 20, 2023**

PROJECT: **STANDARD OIL COM #1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:

3

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STANDARD OIL COM #1\2023 MAPS\Std_Oil_Com#1_GECM_1SA_2023.mxd



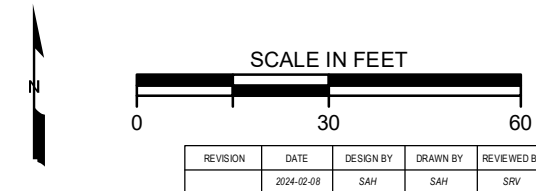
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

LEGEND:

- 5795** APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x- FENCE
- ||||| FORMER PIT
- GAS- NATURAL GAS PIPELINE
- E- UNDERGROUND ELECTRIC LINE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- ▲ BENCHMARK
- ⊗ GAS VALVE
- ♦ MONITORING WELL
- ABANDONED MONITORING WELL
- ⊕ OTHER MONITORING WELL
- ⊗ RIG ANCHOR

NOTES:

- 5663.68** GROUNDWATER ELEVATION FEET ABOVE MEAN SEA LEVEL
 - 5662.5** GROUNDWATER LEVEL ELEVATION (DASHED WHERE INFERRED FEET ABOVE MEAN SEA LEVEL)
 - DIRECTION OF APPARENT GROUNDWATER FLOW
- NO MEASURABLE LNAPL (LIGHT NON-AQUEOUS PHASE LIQUID) WAS DETECTED.



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-02-08	SAH	SAH	SRV

TITLE: **GROUNDWATER ELEVATION MAP
MAY 20, 2023**

PROJECT: **STANDARD OIL COM #1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:

4

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STANDARD OIL COM #1\2023 MAPS\Std_Oil_Com#1_GARM_2SA_2023.mxd



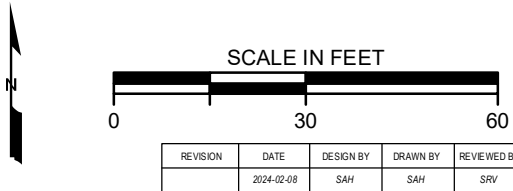
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016

LEGEND:

- 5795 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- FORMER PIT
- NATURAL GAS PIPELINE
- UNDERGROUND ELECTRIC LINE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- MONITORING WELL
- ABANDONED MONITORING WELL
- OTHER MONITORING WELL
- RIG ANCHOR
- BENCHMARK
- GAS VALVE

NOTES:
DUP = FIELD DUPLICATE SAMPLE
EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:
RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
µg/L = MICROGRAMS PER LITER
<1.0 = BELOW REPORTING LIMIT
NS = NOT SAMPLED

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L



TITLE:
**GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 12, 2023**

PROJECT: **STANDARD OIL COM #1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:

5

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\STANDARD OIL COM #1\2023 MAPS\Std_Oil_Com#1_GECM_2SA_2023.mxd

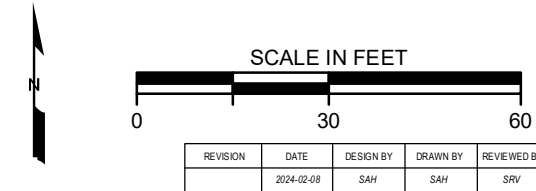


LEGEND:

- 5795** — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x— FENCE
- ||||| FORMER PIT
- GAS— NATURAL GAS PIPELINE
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- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- ▲ BENCHMARK
- ⊗ GAS VALVE
- ◆ MONITORING WELL
- ABANDONED MONITORING WELL
- ◆ OTHER MONITORING WELL
- ⊗ RIG ANCHOR

NOTES:

- 5660.35** GROUNDWATER ELEVATION FEET ABOVE MEAN SEA LEVEL
- 5662.5** GROUNDWATER LEVEL ELEVATION (DASHED WHERE INFERRED FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW
- NO MEASURABLE LNAPL (LIGHT NON-AQUEOUS PHASE LIQUID) WAS DETECTED.



TITLE: **GROUNDWATER ELEVATION MAP
NOVEMBER 12, 2023**

PROJECT: **STANDARD OIL COM #1
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**



Figure No.:

6

AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

APPENDICES

APPENDIX A – SITE HISTORY

APPENDIX B – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX C – WASTE DISPOSAL DOCUMENTATION

APPENDIX D – GROUNDWATER ANALYTICAL LAB REPORTS

APPENDIX A

Site History

Standard Oil Com #1
Site History
San Juan River Basin, New Mexico

Date	Source (Regulatory File #)	Event/Action	Description/Comments
6/1/1953	API # 30-045-07617	El Paso Natural Gas Company (EPNGC) spudded well Standard Oil State #1	
4/1/1968	API # 30-045-07617	EPNGC recompletes well as Standard Oil #1	Casing squeezed at 500-600 feet and openhole sidetracking employed.
11/1/1986	API # 30-045-07617	Meridian Oil Company assumes operations for EPNGC	
9/16/1995	Unknown	EPFS Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Outlines approach to investigating and remediating soil and groundwater at closed pit sites.
11/29/1995	Unknown	EPFS Addendum to 9/16/1995 Remediation Plan to NMOCD	Amends work plan to include installation of additional wells for delineation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWOCG
11/30/1995	Unknown	NMOCD approves Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
7/11/1996	API # 30-045-07617	Burlington Resources (BR) assumes well operations	
6/2/1997	nAUTOfAB000666 (ACI # 3RP-238)	Semi-annual EPFS Pit Projects Groundwater Report	Lists pits where groundwater was encountered.
8/6/1997	nAUTOfAB000666 (ACI # 3RP-238)	NMOCD review letter	Approves modifying reporting schedule from semi-annual to annual basis
2/27/1998	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 1997 Annual Report	Documents 1994 pit closure, 1995 MW-1 installation, 1997 piezometer PZ-1 through PZ-7 installation, groundwater sampling and LNAPL recovery.
7/8/1998	nAUTOfAB000666 (ACI # 3RP-238)	NMOCD letter to EPFS	NMOCD requests additional monitoring wells and sends notification letters to BR requiring to investigate and remediate soil and groundwater.
7/9/1998	nAUTOfAB000666 (ACI # 3RP-238)	NMOCD Notification to BR	NMOCD requires BR begin implementation of pit closure plan and submit a groundwater investigation and remediation plan.

Standard Oil Com #1
Site History
San Juan River Basin, New Mexico

9/10/1998	Case # 3RP-074	NMOCD Notification to BR	NMOCD Approves BR Plan to close pit with conditions to install minimum 2 down gradient wells if contamination in source monitoring well.
3/31/1999	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 1998 Annual Report	quarterly groundwater sampling.
9/10/1999	Case # 3RP-074	BR Notification of Groundwater Impact	Pit excavation 12/8/1998 to 31 feet. Floor soil samples exceeded pit closure standards. Groundwater entered pit and monitoring well (TMW-1 or MW-1) installed. Soil landfarmed on-site.
3/24/2000	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 1999 Annual Report	Quarterly groundwater sampling.
3/29/2000	Case# 3RP-074	BR 1999 Annual Groundwater and Remediation Report	Documents BR pit excavation. BR proposed to continue sampling and work with EPFS on site assessment.
2/26/2001	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 2000 Annual Report	Quarterly groundwater sampling.
7/18/2001	nAUTOfAB000666 (ACI # 3RP-238)	NMOCD Notification Letter	Acknowledges potential contamination related to operators activities and requests EPFS to work with operator.
2/28/2002	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 2001 Annual Report	MW-2, MW-3 and MW-4 installed, and quarterly groundwater sampling.
2/28/2003	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 2002 Annual Report	Quarterly groundwater sampling.
4/3/2003	nAUTOfAB000666 (ACI # 3RP-238)	NMOCD Notification to EPFS	Additional monitoring wells requested to delineate hydrocarbons in groundwater.
4/14/2003	Case # 3RP-074	BR 2002 Annual Groundwater and Remediation Report	Quarterly groundwater monitoring. Case closure requested.
2/26/2004	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 2003 Annual Report	Annual groundwater sampling.
2/1/2005	nAUTOfAB000666 (ACI # 3RP-238)	EPFS 2004 Annual Report	Annual groundwater sampling.
3/1/2006	nAUTOfAB000666 (ACI # 3RP-238)	MWH 2005 Annual Report (for El Paso Tennessee Pipeline Company [EPTPC])	Annual groundwater sampling.
2/12/2007	Not in electronic NMOCD files	MWH 2006 Annual Report (for EPTPC)	Monitoring well MW-5 installed and annual groundwater sampling.
4/2/2008	Case #'s 3RP-074	MWH 2007 Annual Report (for EPTPC)	Annual groundwater sampling.
2/28/2009	Case #'s 3RP-074	MWH 2008 Annual Report (for EPTPC)	Annual groundwater sampling.

Standard Oil Com #1
Site History
San Juan River Basin, New Mexico

4/1/2010	Not in NMOCD files	MWH 2009 Annual Report (for EPTPC)	Annual groundwater sampling.
3/2/2011	nAUTOfAB000666 (ACI # 3RP-238)	MWH 2010 Annual Report (for EPTPC)	Annual groundwater sampling.
3/2/2011	Case # 3RP-074	NMOCD Note to File	Closed 3RP-074 and moved files to 3RP-238.
8/20/2012	Case # 3RP-074	MWH 2011 Annual Report (for El Paso CGP Company [EPCGP])	Annual groundwater sampling. Discuss lack of delineation around BR release.
8/22/2013	nAUTOfAB000666 (ACI # 3RP-238)	MWH Monitoring well Installation Work Plan (for EPCGP)	Procedures to install monitoring wells MW-6 through MW-11.
3/4/2014	Case # 3RP-074	MWH 2013 Annual Report (for EPCGP)	Monitoring wells MW-6 through MW-11 installed and groundwater sampling.
2/3/2015	nAUTOfAB000666 (ACI # 3RP-238)	MWH 2014 Annual Report (for EPCGP)	Semi-annual groundwater sampling
10/5/2015	Case # 3RP-074	MWH Monitoring Well Installation Work Plan	Propose installing MW-12 through MW-16 and one soil boring.
2/12/2016	nAUTOfAB000666 (ACI # 3RP-238)	Stantec 2015 Annual Report (for EPCGP)	Monitoring wells MW-12 through MW-16 installed, 1 soil boring advanced, MW-5 plugged, and semi-annual groundwater sampling.
3/19/2017	nAUTOfAB000666 (ACI # 3RP-238)	Stantec 2016 Annual Report (for EPCGP)	Semi-annual groundwater sampling
8/4/2017	API # 30-045-07617	Change of Operator	Change of Operator from BR to Hilcorp Energy.
8/15/2017	nAUTOfAB000666 (ACI # 3RP-238)	Meeting between NMOCD and EPCGP	Discuss possibility of legacy release near MW-11.
9/15/2017	nAUTOfAB000666 (ACI # 3RP-238)	Stantec Groundwater Monitoring Plan letter	Semi-annual groundwater samplign proposed.
11/14/2017	nAUTOfAB000666 (ACI # 3RP-238)	NMOCD review letter for Groundwater Monitoring Work Plan	Semi-annual sampling approved. Letter erroneously mentions another EPCGP site (K-27 LD072).
3/29/2018	nAUTOfAB000666 (ACI # 3RP-238)	Stantec 2017 Annual Groundwater Monitoring Report (for EPCGP)	Semi-annual groundwater sampling
3/27/2019	nAUTOfAB000666	Stantec 2018 Annual Groundwater Monitoring Report (for EPCGP)	Semiannual groundwater sampling.

**Standard Oil Com #1
Site History
San Juan River Basin, New Mexico**

3/31/2020	Not in NMOCD files	Stantec 2019 Annual Groundwater Monitoring Report (for EPCGP)	Semi-annual groundwater sampling.
4/8/2021	nAUTOfAB000666	Stantec 2020 Annual Groundwater Monitoring Report (for EPCGP)	Semi-annual groundwater sampling.
3/31/2022	nAUTOfAB000666	Stantec 2021 Annual Groundwater Monitoring Report (for EPCGP)	Semi-annual groundwater sampling.
3/29/2023	Not in NMOCD files	Stantec 2021 Annual Groundwater Monitoring Report (for EPCGP)	Semi-annual groundwater sampling.

APPENDIX B

NMOCD Notification of Site Activities

From: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Friday, May 12, 2023 9:54:16 PM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOAB000065	5/20/2023
Fields A#7A	nAUTOAB000176	5/21/2023
Fogelson 4-1	nAUTOAB000192	5/18/2023
Gallegos Canyon Unit #124E	nAUTOAB000205	5/17/2023
GCU Com A #142E	nAUTOAB000219	5/21/2023
James F. Bell #1E	nAUTOAB000291	5/18/2023
Johnston Fed #4	nAUTOAB000305	5/19/2023
Johnston Fed #6A	nAUTOAB000309	5/19/2023
K27 LDO72	nAUTOAB000316	5/20/2023
Knight #1	nAUTOAB000324	5/17/2023
Lateral L 40 Line Drip	nAUTOAB000335	5/21/2023
Sandoval GC A #1A	nAUTOAB000635	5/19/2023
Standard Oil Com #1	nAUTOAB000666	5/20/2023
State Gas Com N #1	nAUTOAB000668	5/22/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Wednesday, May 17, 2023.

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G., R.G.
Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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From: [Varsa, Steve](#)
To: nelson.valez@state.nm.us
Cc: [Bratcher, Mike, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Thursday, November 2, 2023 6:17:33 AM

Hi Nelson -

This correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	11/12/2023
Fields A#7A	nAUTOfAB000176	11/15/2023
Fogelson 4-1	nAUTOfAB000192	11/8/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/9/2023
GCU Com A #142E	nAUTOfAB000219	11/9/2023
James F. Bell #1E	nAUTOfAB000291	11/15/2023
Johnston Fed #4	nAUTOfAB000305	11/11/2023
Johnston Fed #6A	nAUTOfAB000309	11/11/2023
K27 LDO72	nAUTOfAB000316	11/12/2023
Knight #1	nAUTOfAB000324	11/7/2023
Lateral L 40 Line Drip	nAUTOfAB000335	11/16/2023
Sandoval GC A #1A	nAUTOfAB000635	11/11/2023
Standard Oil Com #1	nAUTOfAB000666	11/12/2023
State Gas Com N #1	nAUTOfAB000668	11/10/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Tuesday, November 7, 2023.

Please feel free to contact Joe Wiley, Project Manager at EPCGP, or me, if you need further information.

Thank you,
Steve

Stephen Varsa, P.G., R.G.
Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

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APPENDIX C

Waste Disposal Documentation



Bill of Lading

MANIFEST # 79427

GENERATOR Kinder Morgan
POINT OF ORIGIN Bio Vista Camp Station
TRANSPORTER Envirotech *

TRANSPORTER, Envirotech

DATE 5/22/2023 JOB # 14073-0073

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact

Phone (515) 557-0104

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

BOL# 79427

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 5/22/2023TIME 1550

Attach test strip here

CUSTOMER Kinder MorganSITE Bio Vista Comp StationSJ River Plant
Blanco N Flare
Aluminum PitsDRIVER [Signature]

SAMPLE

Soil Straight With Dirt ✓

CHLORIDE TEST

-281 mg/Kg

ACCEPTED

YES ✓NO

PAINT FILTER TEST

Time started 1550Time completed 1600

PASS

YES ✓NO SAMPLER/ANALYST [Signature]

5796 US Hwy 64, Farmington, NM 87401 || Ph (505) 632-0615 / Fr (800) 362-1879 Fx (505) 632-1865 || info@envirotech-inc.com envirotech-inc.com



envirotech

Bill of Lading

MANIFEST # 82577

GENERATOR EL PASO

POINT OF ORIGIN See The C-138

TRANSPORTER Envirotech

DATE 11/16/23 JOB # 14073-0081

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact	Phone
--------------------------	-------

Signatures required prior to distribution of the legal document.

DISTRIBUTION:

White - Company Records / Billing

Yellow - Customer

Pink - LF Copy

BOL# 82577

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11/16/23 TIME 1430 Attach test strip hereCUSTOMER ELPASOSITE See Bol 82577DRIVER Steven by Gony RSAMPLE Soil Straight With Dirt XCHLORIDE TEST -272 mg/KgACCEPTED YES X NO PAINT FILTER TEST Time started 1430 Time completed 1441PASS YES X NO SAMPLER/ANALYST Gony R

APPENDIX D

Groundwater Analytical Lab Reports





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa
Stantec Consulting Services Inc
11311 Aurora Avenue
Des Moines, Iowa 50322-7904

Generated 6/13/2023 4:09:17 PM

JOB DESCRIPTION

Standard Oil Corn #1.00
SDG NUMBER Standard Oil Corn

JOB NUMBER

400-238100-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Eurofins Pensacola

Job Notes

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

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 Southeast, LLC Project Manager.

Authorization



Generated
6/13/2023 4:09:17 PM

Authorized for release by
Isabel Enfinger, Project Manager I
isabel.enfinger@et.eurofinsus.com
Designee for
Cheyenne Whitmire, Project Manager II
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Laboratory Job ID: 400-238100-1
SDG: Standard Oil Corn

Table of Contents

Cover Page	1
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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Job ID: 400-238100-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-238100-1

Comments

No additional comments.

Receipt

The samples were received on 5/23/2023 9:10 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 was 5.2° C.

Receipt Exceptions

Location on sample label doesn't match COC. Matched by sample ID, Sample date/time.

MW-1 (400-238100-3), MW-2 (400-238100-4), MW-7 (400-238100-5), MW-15 (400-238100-7) and MW-16 (400-238100-8)

GC/MS VOA

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

VOA Prep

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-238100-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-238100-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-1

Lab Sample ID: 400-238100-3

No Detections.

Client Sample ID: MW-2

Lab Sample ID: 400-238100-4

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-238100-5

No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-238100-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	10		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 400-238100-7

No Detections.

Client Sample ID: MW-16

Lab Sample ID: 400-238100-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN

Protocol References:
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-238100-1	TRIP BLANK	Water	05/20/23 14:35	05/23/23 09:10
400-238100-2	DUP-01	Water	05/20/23 14:50	05/23/23 09:10
400-238100-3	MW-1	Water	05/20/23 16:40	05/23/23 09:10
400-238100-4	MW-2	Water	05/20/23 16:35	05/23/23 09:10
400-238100-5	MW-7	Water	05/20/23 16:30	05/23/23 09:10
400-238100-6	MW-9	Water	05/20/23 15:10	05/23/23 09:10
400-238100-7	MW-15	Water	05/20/23 16:20	05/23/23 09:10
400-238100-8	MW-16	Water	05/20/23 16:25	05/23/23 09:10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: TRIP BLANK
Date Collected: 05/20/23 14:35
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 18:26	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 18:26	1
Toluene	<1.0		1.0		ug/L			06/02/23 18:26	1
Xylenes, Total	<10		10		ug/L			06/02/23 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	120		64 - 132		06/02/23 18:26	1
Dibromofluoromethane	106		75 - 126		06/02/23 18:26	1
4-Bromofluorobenzene	110		72 - 130		06/02/23 18:26	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: DUP-01
Date Collected: 05/20/23 14:50
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11		1.0		ug/L			06/02/23 18:47	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 18:47	1
Toluene	<1.0		1.0		ug/L			06/02/23 18:47	1
Xylenes, Total	<10		10		ug/L			06/02/23 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	130		64 - 132					06/02/23 18:47	1
Dibromofluoromethane	107		75 - 126					06/02/23 18:47	1
4-Bromofluorobenzene	107		72 - 130					06/02/23 18:47	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-1
Date Collected: 05/20/23 16:40
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 19:08	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 19:08	1
Toluene	<1.0		1.0		ug/L			06/02/23 19:08	1
Xylenes, Total	<10		10		ug/L			06/02/23 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	122		64 - 132					06/02/23 19:08	1
Dibromofluoromethane	109		75 - 126					06/02/23 19:08	1
4-Bromofluorobenzene	103		72 - 130					06/02/23 19:08	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-2

Lab Sample ID: 400-238100-4

Date Collected: 05/20/23 16:35

Matrix: Water

Date Received: 05/23/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 19:29	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 19:29	1
Toluene	<1.0		1.0		ug/L			06/02/23 19:29	1
Xylenes, Total	<10		10		ug/L			06/02/23 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	126		64 - 132		06/02/23 19:29	1
Dibromofluoromethane	108		75 - 126		06/02/23 19:29	1
4-Bromofluorobenzene	107		72 - 130		06/02/23 19:29	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-7
Date Collected: 05/20/23 16:30
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 19:49	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 19:49	1
Toluene	<1.0		1.0		ug/L			06/02/23 19:49	1
Xylenes, Total	<10		10		ug/L			06/02/23 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	121		64 - 132					06/02/23 19:49	1
Dibromofluoromethane	111		75 - 126					06/02/23 19:49	1
4-Bromofluorobenzene	105		72 - 130					06/02/23 19:49	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-9
Date Collected: 05/20/23 15:10
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10		1.0		ug/L			06/02/23 20:10	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 20:10	1
Toluene	<1.0		1.0		ug/L			06/02/23 20:10	1
Xylenes, Total	<10		10		ug/L			06/02/23 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	124		64 - 132					06/02/23 20:10	1
Dibromofluoromethane	109		75 - 126					06/02/23 20:10	1
4-Bromofluorobenzene	106		72 - 130					06/02/23 20:10	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-15
Date Collected: 05/20/23 16:20
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 20:31	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 20:31	1
Toluene	<1.0		1.0		ug/L			06/02/23 20:31	1
Xylenes, Total	<10		10		ug/L			06/02/23 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	129		64 - 132					06/02/23 20:31	1
Dibromofluoromethane	109		75 - 126					06/02/23 20:31	1
4-Bromofluorobenzene	104		72 - 130					06/02/23 20:31	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-16

Lab Sample ID: 400-238100-8

Date Collected: 05/20/23 16:25

Matrix: Water

Date Received: 05/23/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 20:52	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 20:52	1
Toluene	<1.0		1.0		ug/L			06/02/23 20:52	1
Xylenes, Total	<10		10		ug/L			06/02/23 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	125		64 - 132		06/02/23 20:52	1
Dibromofluoromethane	109		75 - 126		06/02/23 20:52	1
4-Bromofluorobenzene	104		72 - 130		06/02/23 20:52	1

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: TRIP BLANK**Lab Sample ID: 400-238100-1****Date Collected: 05/20/23 14:35****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 18:26	BPO	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-238100-2****Date Collected: 05/20/23 14:50****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 18:47	BPO	EET PEN

Client Sample ID: MW-1**Lab Sample ID: 400-238100-3****Date Collected: 05/20/23 16:40****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 19:08	BPO	EET PEN

Client Sample ID: MW-2**Lab Sample ID: 400-238100-4****Date Collected: 05/20/23 16:35****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 19:29	BPO	EET PEN

Client Sample ID: MW-7**Lab Sample ID: 400-238100-5****Date Collected: 05/20/23 16:30****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 19:49	BPO	EET PEN

Client Sample ID: MW-9**Lab Sample ID: 400-238100-6****Date Collected: 05/20/23 15:10****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 20:10	BPO	EET PEN

Client Sample ID: MW-15**Lab Sample ID: 400-238100-7****Date Collected: 05/20/23 16:20****Matrix: Water****Date Received: 05/23/23 09:10**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 20:31	BPO	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Client Sample ID: MW-16
Date Collected: 05/20/23 16:25
Date Received: 05/23/23 09:10

Lab Sample ID: 400-238100-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 20:52	BPO	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-627611/20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 13:31	BPO	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-627611/1008
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627611	06/02/23 12:31	BPO	EET PEN

Laboratory References:
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

GC/MS VOA

Analysis Batch: 627611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238100-1	TRIP BLANK	Total/NA	Water	8260D	
400-238100-2	DUP-01	Total/NA	Water	8260D	
400-238100-3	MW-1	Total/NA	Water	8260D	
400-238100-4	MW-2	Total/NA	Water	8260D	
400-238100-5	MW-7	Total/NA	Water	8260D	
400-238100-6	MW-9	Total/NA	Water	8260D	
400-238100-7	MW-15	Total/NA	Water	8260D	
400-238100-8	MW-16	Total/NA	Water	8260D	
MB 400-627611/20	Method Blank	Total/NA	Water	8260D	
LCS 400-627611/1008	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-627611/20

Matrix: Water

Analysis Batch: 627611

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 13:31	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 13:31	1
Toluene	<1.0		1.0		ug/L			06/02/23 13:31	1
Xylenes, Total	<10		10		ug/L			06/02/23 13:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	123		64 - 132		06/02/23 13:31	1
Dibromofluoromethane	107		75 - 126		06/02/23 13:31	1
4-Bromofluorobenzene	107		72 - 130		06/02/23 13:31	1

Lab Sample ID: LCS 400-627611/1008

Matrix: Water

Analysis Batch: 627611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	48.7		ug/L		97	70 - 130
Ethylbenzene	50.0	48.2		ug/L		96	70 - 130
Toluene	50.0	52.7		ug/L		105	70 - 130

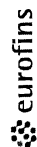
Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	120		67 - 134
Toluene-d8 (Surr)	105		64 - 132
Dibromofluoromethane	104		75 - 126
4-Bromofluorobenzene	102		72 - 130

Eurofins Pensacola

Eurofins Pensacola

3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record



Environment Testing

Client Information Client Contact: Joe Wiley Phone: 850-474-1001		Lab PM: Whitmire, Cheyenne R E-Mail: Cheyenne.Whitmire@et.eurofins.com		Carrier Tracking No(s): 400-120299-41359-1 State of Origin: Page 1 of 1 Job #:	
Company: El Paso Energy Corporation Address: 1001 Louisiana Street Room S1905B City: Houston State: TX, 77002 Phone: WD1040023 Email: Joe.Wiley@kindermorgan.com Project Name: Standard Oil Com #1.00 Project #: 40015823 SSOW#:		PWSID: Due Date Requested: Standard TAT Requested (days): Standard Compliance Project: ☐ Yes ☒ No PO #: WD1040023 WO #: Standard Oil Com #1_1_ERG_ARF_04-26-2023 Project #: 40015823 SSOW#:		Analysis Requested Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
Sample Identification Trip Blank DUP-01 MW-1 MW-2 MW-7 MW-9 MW-15 MW-16		Sample Date 5/20/23 5/20/23 5/20/23 5/20/23 5/20/23 5/20/23 5/20/23		Sample Time 1435 1450 1640 1635 1630 1510 1620 1625	
Sample Type (C=Comp, G=grab) ← G G G G G G G		Matrix (Water, Solid, Oil) Water Water Water Water Water Water Water Water		Preservation Code ← G G G G G G G	
Field Filtered Sample (Yes/No) 8260D - BTEX - 8260		Total Number of Containers 2		Special Instructions/Note: Trip Blank	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months					
Special Instructions/QC Requirements:					
Empty Kit Relinquished by: Relinquished by: [Signature] Date/Time: 5/23/23 1200 Company: Santa					
Relinquished by: Relinquished by: [Signature] Date/Time: 5/23/23 910 Company: [Signature]					
Cooler Temperature(s) °C and Other Remarks: 5.2°C					
Custody Seal No.: ☐ Yes ☒ No					

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-238100-1

SDG Number: Standard Oil Corn

Login Number: 238100

List Number: 1

Creator: Perez, Trina M

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.2°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Corn #1.00

Job ID: 400-238100-1
SDG: Standard Oil Corn

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-23
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-23
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-23
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-24



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ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa
Stantec Consulting Services Inc
11311 Aurora Avenue
Des Moines, Iowa 50322-7904

Generated 11/30/2023 9:08:41 PM

JOB DESCRIPTION

Standard Oil Com #1.00

JOB NUMBER

400-246745-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Eurofins Pensacola

Job Notes

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

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 Southeast, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Whitmire, Project Manager II
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(850)471-6222

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Laboratory Job ID: 400-246745-1

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Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Job ID: 400-246745-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative
400-246745-1

Receipt

The samples were received on 11/14/2023 8:56 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 0.0°C

GC/MS VOA

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

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Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-1

Lab Sample ID: 400-246745-1

No Detections.

Client Sample ID: MW-2

Lab Sample ID: 400-246745-2

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-246745-3

No Detections.

Client Sample ID: MW-9

Lab Sample ID: 400-246745-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	110		1.0		ug/L	1			8260D	Total/NA
Ethylbenzene	55		1.0		ug/L	1			8260D	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 400-246745-5

No Detections.

Client Sample ID: MW-16

Lab Sample ID: 400-246745-6

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-246745-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	110		1.0		ug/L	1			8260D	Total/NA
Ethylbenzene	49		1.0		ug/L	1			8260D	Total/NA

Client Sample ID: TB-01

Lab Sample ID: 400-246745-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-246745-1	MW-1	Water	11/12/23 15:05	11/14/23 08:56
400-246745-2	MW-2	Water	11/12/23 15:10	11/14/23 08:56
400-246745-3	MW-7	Water	11/12/23 15:17	11/14/23 08:56
400-246745-4	MW-9	Water	11/12/23 14:58	11/14/23 08:56
400-246745-5	MW-15	Water	11/12/23 15:24	11/14/23 08:56
400-246745-6	MW-16	Water	11/12/23 15:29	11/14/23 08:56
400-246745-7	DUP-01	Water	11/12/23 12:00	11/14/23 08:56
400-246745-8	TB-01	Water	11/12/23 14:30	11/14/23 08:56

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-1
Date Collected: 11/12/23 15:05
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 09:35	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 09:35	1
Toluene	<1.0		1.0		ug/L			11/22/23 09:35	1
Xylenes, Total	<10		10		ug/L			11/22/23 09:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		72 - 130					11/22/23 09:35	1
Dibromofluoromethane	112		75 - 126					11/22/23 09:35	1
Toluene-d8 (Surr)	90		64 - 132					11/22/23 09:35	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-2
Date Collected: 11/12/23 15:10
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 09:59	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 09:59	1
Toluene	<1.0		1.0		ug/L			11/22/23 09:59	1
Xylenes, Total	<10		10		ug/L			11/22/23 09:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		72 - 130		11/22/23 09:59	1
Dibromofluoromethane	112		75 - 126		11/22/23 09:59	1
Toluene-d8 (Surr)	91		64 - 132		11/22/23 09:59	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-7

Lab Sample ID: 400-246745-3

Date Collected: 11/12/23 15:17

Matrix: Water

Date Received: 11/14/23 08:56

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 14:10	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 14:10	1
Toluene	<1.0		1.0		ug/L			11/22/23 14:10	1
Xylenes, Total	<10		10		ug/L			11/22/23 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 130		11/22/23 14:10	1
Dibromofluoromethane	108		75 - 126		11/22/23 14:10	1
Toluene-d8 (Surr)	93		64 - 132		11/22/23 14:10	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-9
Date Collected: 11/12/23 14:58
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	110		1.0		ug/L			11/22/23 10:18	1
Ethylbenzene	55		1.0		ug/L			11/22/23 10:18	1
Toluene	<1.0		1.0		ug/L			11/22/23 10:18	1
Xylenes, Total	<10		10		ug/L			11/22/23 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 130		11/22/23 10:18	1
Dibromofluoromethane	109		75 - 126		11/22/23 10:18	1
Toluene-d8 (Surr)	93		64 - 132		11/22/23 10:18	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-15
Date Collected: 11/12/23 15:24
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 14:30	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 14:30	1
Toluene	<1.0		1.0		ug/L			11/22/23 14:30	1
Xylenes, Total	<10		10		ug/L			11/22/23 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 130		11/22/23 14:30	1
Dibromofluoromethane	105		75 - 126		11/22/23 14:30	1
Toluene-d8 (Surr)	93		64 - 132		11/22/23 14:30	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-16
Date Collected: 11/12/23 15:29
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 14:49	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 14:49	1
Toluene	<1.0		1.0		ug/L			11/22/23 14:49	1
Xylenes, Total	<10		10		ug/L			11/22/23 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 130		11/22/23 14:49	1
Dibromofluoromethane	105		75 - 126		11/22/23 14:49	1
Toluene-d8 (Surr)	93		64 - 132		11/22/23 14:49	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: DUP-01
Date Collected: 11/12/23 12:00
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	110		1.0		ug/L			11/22/23 10:37	1
Ethylbenzene	49		1.0		ug/L			11/22/23 10:37	1
Toluene	<1.0		1.0		ug/L			11/22/23 10:37	1
Xylenes, Total	<10		10		ug/L			11/22/23 10:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 130					11/22/23 10:37	1
Dibromofluoromethane	109		75 - 126					11/22/23 10:37	1
Toluene-d8 (Surr)	94		64 - 132					11/22/23 10:37	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: TB-01

Lab Sample ID: 400-246745-8

Date Collected: 11/12/23 14:30

Matrix: Water

Date Received: 11/14/23 08:56

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 13:12	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 13:12	1
Toluene	<1.0		1.0		ug/L			11/22/23 13:12	1
Xylenes, Total	<10		10		ug/L			11/22/23 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 130		11/22/23 13:12	1
Dibromofluoromethane	105		75 - 126		11/22/23 13:12	1
Toluene-d8 (Surr)	91		64 - 132		11/22/23 13:12	1

Eurofins Pensacola

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: MW-1**Lab Sample ID: 400-246745-1****Date Collected: 11/12/23 15:05****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 09:35	WPD	EET PEN

Client Sample ID: MW-2**Lab Sample ID: 400-246745-2****Date Collected: 11/12/23 15:10****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 09:59	WPD	EET PEN

Client Sample ID: MW-7**Lab Sample ID: 400-246745-3****Date Collected: 11/12/23 15:17****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 14:10	WPD	EET PEN

Client Sample ID: MW-9**Lab Sample ID: 400-246745-4****Date Collected: 11/12/23 14:58****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 10:18	WPD	EET PEN

Client Sample ID: MW-15**Lab Sample ID: 400-246745-5****Date Collected: 11/12/23 15:24****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 14:30	WPD	EET PEN

Client Sample ID: MW-16**Lab Sample ID: 400-246745-6****Date Collected: 11/12/23 15:29****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 14:49	WPD	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-246745-7****Date Collected: 11/12/23 12:00****Matrix: Water****Date Received: 11/14/23 08:56**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 10:37	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Client Sample ID: TB-01
Date Collected: 11/12/23 14:30
Date Received: 11/14/23 08:56

Lab Sample ID: 400-246745-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 13:12	WPD	EET PEN

Client Sample ID: Method Blank
Date Collected: N/A
Date Received: N/A

Lab Sample ID: MB 400-651404/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 07:58	WPD	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-651404/1002
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651404	11/22/23 07:19	WPD	EET PEN

Laboratory References:
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

GC/MS VOA

Analysis Batch: 651404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246745-1	MW-1	Total/NA	Water	8260D	
400-246745-2	MW-2	Total/NA	Water	8260D	
400-246745-3	MW-7	Total/NA	Water	8260D	
400-246745-4	MW-9	Total/NA	Water	8260D	
400-246745-5	MW-15	Total/NA	Water	8260D	
400-246745-6	MW-16	Total/NA	Water	8260D	
400-246745-7	DUP-01	Total/NA	Water	8260D	
400-246745-8	TB-01	Total/NA	Water	8260D	
MB 400-651404/4	Method Blank	Total/NA	Water	8260D	
LCS 400-651404/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-651404/4

Matrix: Water

Analysis Batch: 651404

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 07:58	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 07:58	1
Toluene	<1.0		1.0		ug/L			11/22/23 07:58	1
Xylenes, Total	<10		10		ug/L			11/22/23 07:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 130		11/22/23 07:58	1
Dibromofluoromethane	110		75 - 126		11/22/23 07:58	1
Toluene-d8 (Surr)	95		64 - 132		11/22/23 07:58	1

Lab Sample ID: LCS 400-651404/1002

Matrix: Water

Analysis Batch: 651404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	47.3		ug/L		95	70 - 130
m-Xylene & p-Xylene	50.0	45.7		ug/L		91	70 - 130
o-Xylene	50.0	46.5		ug/L		93	70 - 130
Ethylbenzene	50.0	44.7		ug/L		89	70 - 130
Toluene	50.0	42.6		ug/L		85	70 - 130

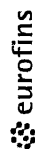
Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	122		67 - 134
4-Bromofluorobenzene	98		72 - 130
Dibromofluoromethane	104		75 - 126
Toluene-d8 (Surr)	93		64 - 132

Eurofins Pensacola

Eurofins Pensacola

3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-478-2671

Chain of Custody Record



Environment Testing



Client Information Client Contact: Joe Wiley Company: El Paso Energy Corporation Address: 1001 Louisiana Street Room S1905B City: Houston State: TX, 77002 Phone: [blank] Email: joe.wiley@kindermorgan.com Project Name: Standard Oil Com #1.00 Site: [blank]		Lab PM: Whitmore, Cheyenne R E-Mail: Cheyenne.Whitmore@et.eurofins.com State of Origin: [blank]		COC No: 400-124042-41359.1 Page: Page 1 of 1 Job #: [blank]	
Due Date Requested: STD TAT Requested (days): [blank] Compliance Project: Δ Yes Δ No PO #: WD1040023 WO #: [blank] Standard Oil Com #1_ERG_ARF_10_24_2023 Project #: 40015823 SSO#: [blank]		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: [blank] M - Hexane N - None O - AshNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)			
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AA=Air)		Field Filtered Sample (Yes or No) 8260D - BTEX - 8260 Special Instructions/Note:			
MW-1 MW-2 MW-7 MW-9 MW-15 MW-16 Dup-01 TB-01		11/18/2023 1505 11/12/2023 1510 11/12/2023 1517 11/12/2023 1458 11/12/2023 1524 11/12/2023 1529 11/12/2023 - 11/12/2023 1430		G G G G G G G G	
Water Water Water Water Water Water Water Water		MN MN MN MN MN MN MN MN			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months					
Special Instructions/QC Requirements:					
Empty Kit Relinquished by: [blank]		Date: [blank]		Method of Shipment: [blank]	
Relinquished by: [blank]		Date/Time: 11/13/2023 1250		Received by: BPR	
Relinquished by: [blank]		Date/Time: [blank]		Received by: [blank]	
Relinquished by: [blank]		Date/Time: [blank]		Received by: [blank]	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.: [blank]		Cooler Temperature(s) °C and Other Remarks: 0.0°C 5254	

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-246745-1

Login Number: 246745

List Source: Eurofins Pensacola

List Number: 1

Creator: Roberts, Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1.00

Job ID: 400-246745-1

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-24
West Virginia DEP	State	136	03-31-24

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 325069

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 325069
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Groundwater report accepted for the record. The activities completed in 2024 and their results will be summarized in the 2024 Annual Report, to be submitted by April 1, 2025.	6/10/2025