2021 ANNUAL GROUNDWATER REPORT

NV

Standard Oil Com #1
Incident Number: nAUTOfAB000666
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. 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, 2021 and November 3, 2021, prior to initiating groundwater sampling activities at the Site. Copies of the 2021 NMOCD notifications are provided in Appendix A. On May 19 and November 11, 2021, 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 2020. On May 19, 2021, groundwater samples were collected from MW-1, MW-2, MW-7, MW-9, MW-15, and MW-16. On November 11, 2021, 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 passive groundwater sampling devices. The HydraSleeves were set during the previous sampling event approximately 0.5 foot above the bottom of the well screen using a suspension tether and stainless-steel weights to collect a sample from the screened interval.

2021 ANNUAL GROUNDWATER REPORT

Standard Oil Com #1
Incident Number: nAUTOfAB000666
Meter Code: 70445
T29N, R9W, Sec36, Unit N

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins-TestAmerica Laboratories, Inc. (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 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 combined in a waste container and taken to Basin Disposal, Inc. (Basin) in Bloomfield, New Mexico for disposal. Waste disposal documentation is included as Appendix B.

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 2021 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix C.

GROUNDWATER RESULTS

- Groundwater elevations indicate the groundwater flow direction at the Site was generally to the west-northwest during 2021 (see Figures 3 and 5).
- LNAPL was not observed at the Site in the 2021 sampling events.
- The groundwater samples collected in May 2021 and November 2021 from MW-9 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. The remaining groundwater samples collected in 2021 were either below the NMWQCC standard for benzene or not detected.
- Concentrations of toluene were not detected in the site monitoring wells sampled in 2021.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or not detected in the site monitoring wells sampled in 2021.
- Concentrations of total xylene were either below the NMWQCC standard (620 µg/L) or not detected in the site monitoring wells sampled in 2021.
- A field duplicate was collected from MW-1 for the May 2021 semi-annual monitoring event and from MW-9 for the November 2021 event. No significant difference was noted between the primary and duplicate sample results except for the November 2021 samples that had the following results: benzene MW-9 50 µg/L and duplicate 68 µg/L, and ethylbenzene MW-9 32 µg/L and duplicate 72 µg/L.

2021 ANNUAL GROUNDWATER REPORT

Standard Oil Com #1
Incident Number: nAUTOfAB000666
Meter Code: 70445
T29N, R9W, Sec36, Unit N

PLANNED FUTURE ACTIVITIES

Semi-annual groundwater monitoring will continue for 2022.

No additional activities are planned for 2022 at this time. The results will be summarized in the 2022 Annual Report for the Site, to be submitted by April 1, 2023.

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, if any, additional work may be required.

TABLES

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
DP-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-1(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-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
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

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	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-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
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

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	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-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
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

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-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-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
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

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-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-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-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

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-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-1(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-1(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
DUP-1(MW-9)*	11/11/21	68	<1.0	72	<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-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

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	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
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-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-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
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

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-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-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-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

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

Notes:
The groundwater monitoring dates for each monitoring well where no groundwater samples were collected and analyzed have been omitted.
"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
MW-1	06/05/13	5681.65	ND	20.79		5660.86

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	09/11/13	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-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
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

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	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-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
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

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	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-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
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

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	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-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
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

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-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-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-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

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	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-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-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

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	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
MW-11	11/11/21	5680.33	ND	19.90		5660.43
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-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-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

TABLE 2 - GROUNDWATER ELEVATION RESULTS

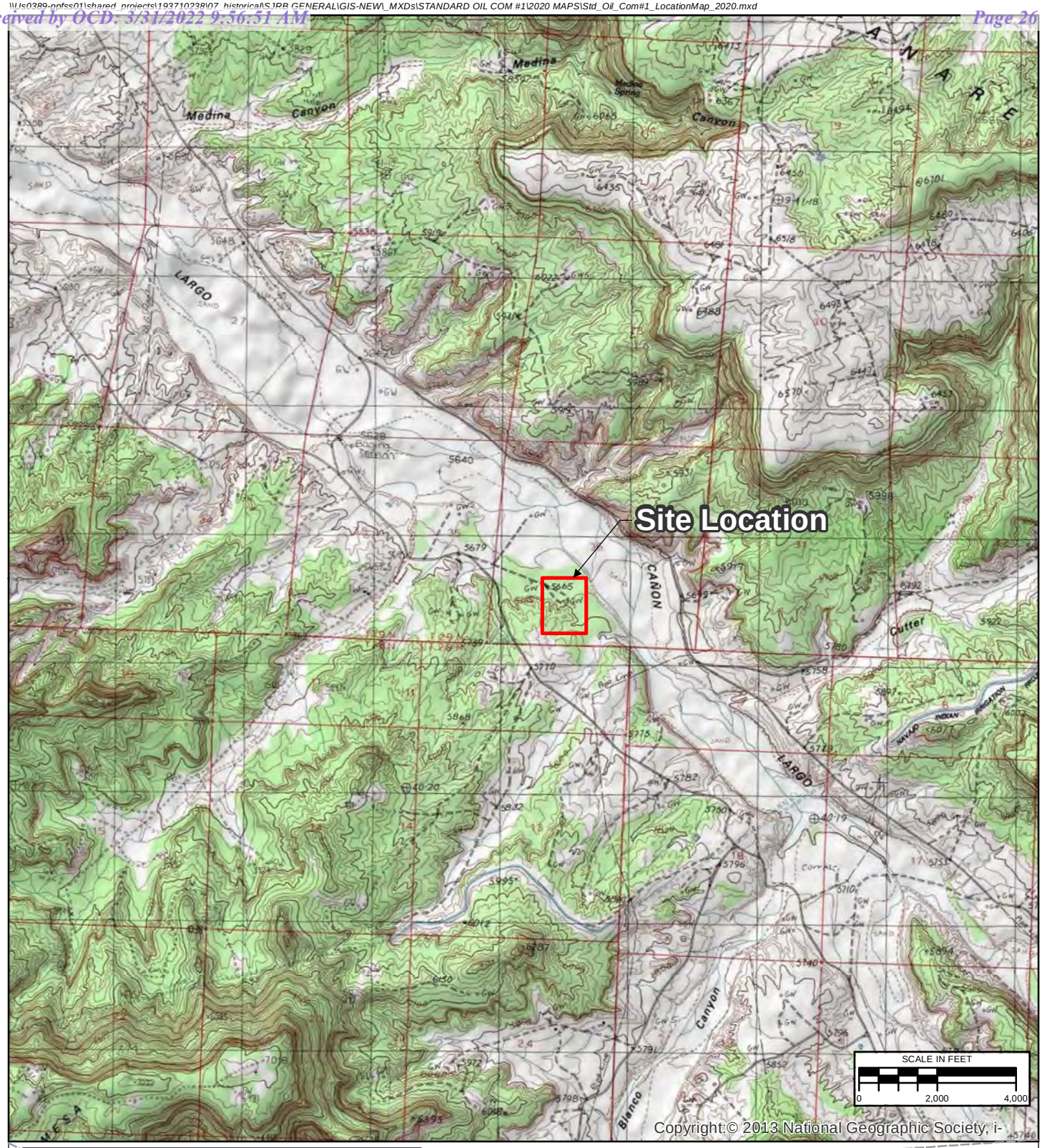
Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-14	11/11/17	5685.68	ND	24.91		5660.77
MW-14	05/15/18	5685.68	ND	24.41		5661.27
MW-14	10/27/18	5685.68	ND	24.99		5660.69
MW-14	05/23/19	5685.68	ND	23.87		5661.81
MW-14	11/10/19	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-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-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
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

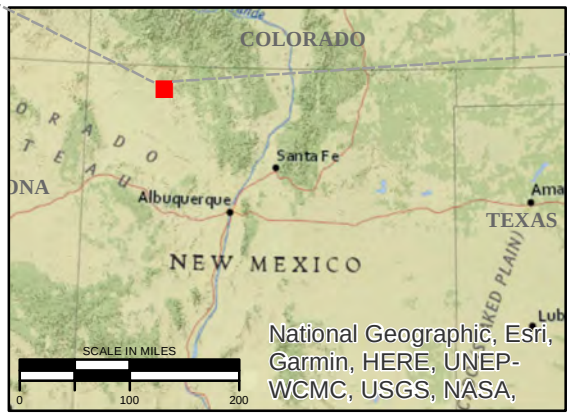
TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	**Date**	**TOC**	**Depth to LNAPL (ft.)**	**Depth to Water (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**

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





N

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

TITLE

SITE LOCATION

Stantec

PROJECT

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

FIGURE

1

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\STANDARD OIL COM #1\2019 MAPS\Std_Oil_Com#1_SITEMAP_2019.mxd

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

LEGEND:

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

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/23/2021	SLG	SLG	SRV

TITLE:

SITE PLAN

PROJECT:

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

Stantec

Figure No.:

2

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\STANDARD OIL COM #1\2021 MAPS\Std_Oil_Com#1_GARM_1SA_2021.mxd

MW-12 NS
MW-4 NS
MW-11 NS
MW-3 NS
MW-9 B: 64 T: <1.0 E: 57 X: <10
MW-1 B: 1.5 T: <1.0 E: 1.1 X: <10
DUP-01 B: 1.4 T: <1.0 E: 1.0 X: <10
MW-16 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-7 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-15 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-2 B: 2.3 T: <1.0 E: <1.0 X: <10
MW-10 NS
MW-13 NS
MW-8 NS
MW-14 NS
MW-6 NS

5675
5680
5685

FORMER EPC PIT EXCAVATED APPROXIMATELY 12 FEET DEEP
SOIL PILE
SOIL PILE
WILLIAMS GAS
ENTERPRISE LINE
BLOWDOWN VALVE
T-POST
CONCRETE PAD
METER HOUSE
SMA BENCHMARK ELEV. 5687.12 NAD 83 NAVD 88 STATE PLANE COORDINATE SYSTEM NEW MEXICO WEST
BURLINGTON RESOURCES EXCAVATED PIT AREA (30' DEEP)
TANK 1 OIL STORAGE TANK
WELLHEAD
COMPRESSOR
SEPARATOR
TANK 2 COVERED STEEL TANK

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

LEGEND:

- 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
- 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

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	8/10/2021	SAH	SAH	SRV

TITLE:
GROUNDWATER ANALYTICAL RESULTS
MAY 19, 2021

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

Stantec

Figure No.: 3

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\STANDARD OIL COM #1\2021 MAPS\Std_Oil_Com#1_GECM_1SA_2021.mxd

MW-12
MW-12
5660.47
MW-4
5660.94
MW-4
5675
MW-16
5661.42
MW-16
MW-5
WILLIAMS GAS
ENTERPRISE LINE
MW-11
MW-11
5660.78
MW-3
MW-3
5660.97
MW-9
MW-9
5661.23
FORMER EPC PIT
MW-1
MW-1
5661.84
MW-7
5661.98
MW-7
BLOWDOWN VALVE
MW-15
5662.22
MW-15
5680
5660.5
SOIL PILE
5685
MW-13
5660.57
MW-13
MW-10
MW-10
5661.08
MW-8
MW-8
5661.33
MW-2
5662.08
MW-2
T-POST
SOIL PILE
SMA BENCHMARK
ELEV. 5687.12
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
MW-14
MW-14
5661.35
MW-6
MW-6
5663.12
5661.0
5661.5
WELLHEAD
5662.0
5662.5
5663.0
CONCRETE PAD
TANK 1
OIL STORAGE TANK
MW-BR
METER HOUSE
BURLINGTON RESOURCES
EXCAVATED PIT AREA (30' DEEP)
COMPRESSOR
SEPARATOR
TANK 2
COVERED STEEL TANK

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
- BENCHMARK
- GAS VALVE
- MONITORING WELL
- OTHER MONITORING WELL
- RIG ANCHOR

NOTES:

5662.52 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 (LIGHT NON-AQUEOUS PHASE LIQUID) LNAPL WAS DETECTED.

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-03-21	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 19, 2021

PROJECT:

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

Stantec

Figure No.: 4

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\STANDARD OIL COM #1\2021 MAPS\Std_Oil_Com#1_GARM_2SA_2021.mxd

MW-12 NS
MW-4 NS
MW-11 NS
MW-3 NS
MW-13 NS
MW-10 NS
MW-8 NS
MW-14 NS
MW-6 NS
MW-16 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-9 B: 50 T: <1.0 E: 32 X: <10
DUP-01 B: 68 T: <1.0 E: 72 X: <10
MW-1 B: <1.0 T: <1.0 E: 2.8 X: <10
MW-7 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-15 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-2 B: 4.9 T: <1.0 E: 6.5 X: <10
5675
5680
5685
FORMER EPC PIT EXCAVATED APPROXIMATELY 12 FEET DEEP
SOIL PILE
SOIL PILE
SMA BENCHMARK ELEV. 5687.12 NAD 83 NAVD 88 STATE PLANE COORDINATE SYSTEM NEW MEXICO WEST
BURLINGTON RESOURCES EXCAVATED PIT AREA (30' DEEP)
WILLIAMS GAS
ENTERPRISE LINE
BLOWDOWN VALVE
T-POST
CONCRETE PAD
METER HOUSE
TANK 1
OIL STORAGE TANK
WELLHEAD
COMPRESSOR
SEPARATOR
TANK 2
COVERED STEEL TANK

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

LEGEND:

- 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
- 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

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-01-24	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 11, 2021

PROJECT:

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

Stantec

Figure No.: 5

\\Corp.ads\data\Virtual_Workspace\workgroup\1937\Active\193700102\03_data\gis_cad\gis\GIS-NEW_MXDs\STANDARD OIL COM #1\2021 MAPS\Std_Oil_Com#1_GECM_2SA_2021.mxd

MW-12
MW-12
5660.16
MW-4
5660.86
MW-4
MW-16
5661.08
MW-16
MW-5
MW-11
MW-11
5660.43
MW-3
MW-3
5660.63
MW-9
MW-9
5660.91
FORMER EPC PIT
MW-1
MW-1
5661.50
MW-7
5661.68
MW-7
BLOWDOWN VALVE
MW-15
5661.93
MW-15
SOIL PILE
MW-13
5660.23
MW-13
MW-10
MW-10
5660.73
MW-8
MW-8
5660.98
MW-2
5661.77
MW-2
T-POST
SOIL PILE
MW-14
MW-14
5661.03
SMA BENCHMARK
ELEV. 5687.12
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
MW-6
MW-6
5662.81
CONCRETE PAD
WELLHEAD
TANK 1
OIL STORAGE TANK
MW-BR
BURLINGTON RESOURCES
EXCAVATED PIT AREA (30' DEEP)
METER HOUSE
COMPRESSOR
SEPARATOR
TANK 2
COVERED STEEL TANK
WILLIAMS GAS
ENTERPRISE LINE
5660.5
5661.0
5661.5
5662.0
5662.5
5675
5680
5685

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
- BENCHMARK
- GAS VALVE
- MONITORING WELL
- OTHER MONITORING WELL
- RIG ANCHOR

NOTES:

5662.52 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 (LIGHT NON-AQUEOUS PHASE LIQUID) LNAPL WAS DETECTED.

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2022-03-21	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 11, 2021

PROJECT:

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

Stantec

Figure No.: 6

APPENDICES

APPENDIX A – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX B – WASTEWATER DISPOSAL DOCUMENTATION

APPENDIX C – GROUNDWATER SAMPLING ANALYTICAL REPORTS

APPENDIX A

From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, May 12, 2021 2:45:52 PM

Hi Cory -

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	05/19/2021
Fields A#7A	nAUTOfAB000176	05/22/2021
Fogelson 4-1	nAUTOfAB000192	05/22/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	05/21/2021
GCU Com A #142E	nAUTOfAB000219	05/21/2021
James F. Bell #1E	nAUTOfAB000291	05/23/2021
Johnston Fed #4	nAUTOfAB000305	05/18/2021
Johnston Fed #6A	nAUTOfAB000309	05/18/2021
K27 LDO72	nAUTOfAB000316	05/19/2021
Knight #1	nAUTOfAB000324	05/21/2021
Lateral L 40 Line Drip	nAUTOfAB000335	05/23/2021
Miles Fed #1A	nAUTOfAB000391	05/19/2021
Sandoval GC A #1A	nAUTOfAB000635	05/18/2021
Standard Oil Com #1	nAUTOfAB000666	05/19/2021
State Gas Com N #1	nAUTOfAB000668	05/22/2021

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.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, November 03, 2021 10:14:55 AM

Hi Cory -

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	11/11/2021
Fields A#7A	nAUTOfAB000176	11/14/2021
Fogelson 4-1	nAUTOfAB000192	11/14/2021
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/12/2021
GCU Com A #142E	nAUTOfAB000219	11/12/2021
James F. Bell #1E	nAUTOfAB000291	11/13/2021
Johnston Fed #4	nAUTOfAB000305	11/15/2021
Johnston Fed #6A	nAUTOfAB000309	11/15/2021
K27 LDO72	nAUTOfAB000316	11/11/2021
Knight #1	nAUTOfAB000324	11/12/2021
Lateral L 40 Line Drip	nAUTOfAB000335	11/13/2021
Miles Fed #1A	nAUTOfAB000391	11/11/2021
Sandoval GC A #1A	nAUTOfAB000635	11/15/2021
Standard Oil Com #1	nAUTOfAB000666	11/11/2021
State Gas Com N #1	nAUTOfAB000668	11/14/2021

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.
Senior Hydrogeologist
Stantec Environmental Services
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

APPENDIX B

DATE 05-21-21 DEL. TKT#.

GENERATOR: EL PASO BILL TO: EL PASO

HAULING CO. Stratac DRIVER: Sean Clary
(Print Full Name)

ORDERED BY: Joe Wiley CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Standard Oil Com #1 / Knight #1 / GCU #124E		120				
2		GCU Com A #142E					'21 MAY 21 3:23 PM	
3		Johnston Fed #4 / #6A						
4		Sundoval GC A #1A /						
5		CANADA MESA #2 K-27-20S-32E, Miley Fed #1A						

I, Joe Wiley, representative or authorized agent for _____ do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non -exempt waste.

☐ Approved ☐ Denied ATTENDANT SIGNATURE _____

SAN JUAN PRINTING 2020 1973-1

BASIN DISPOSAL

30 Years of Environmental Health and Safety Excellence

200 Montana, Bloomfield, NM 87413
505-632-8936 or 505-334-3013
OPEN 24 Hours per Day

NO. 817438
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 11-11-21
GENERATOR: El Paso CGP
HAULING CO. Stanlee
ORDERED BY: Jeff

DEL. TKT#.
BILL TO: El Paso CGP
DRIVER: Sean
(Print Full Name)
CODES:

WASTE DESCRIPTION: ☒ Exempt Oilfield Waste ☒ Produced Water ☐ Drilling/Completion Fluids

STATE: ☒ NM ☐ CO ☐ AZ ☐ UT

TREATMENT/DISPOSAL METHODS: ☒ EVAPORATION ☒ INJECTION ☒ TREATING PLANT

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Comanche Mesa #2	1	120			Tot	
2		K-27 LD072					'21 NOV 11 4:23PM	
3		Miles Federal #1A						
4		Standard Oil Com #1						
5								

I, _____, representative or authorized agent for _____ do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non -exempt waste.

☒ Approved ☐ Denied ATTENDANT SIGNATURE _____

SAN JUAN PRINTING 2020 1973-1

APPENDIX C

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-203725-1
Client Project/Site: Standard Oil Com #1

For:
Stantec Consulting Services Inc
11153 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
6/7/2021 4:20:25 PM

Marty Edwards, Client Service Manager
(850)471-6227
Marty.Edwards@Eurofinset.com

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Laboratory Job ID: 400-203725-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

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

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Job ID: 400-203725-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-203725-1

Comments
No additional comments.

Receipt
The samples were received on 5/21/2021 9:07 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 3.5º C.

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 Com #1

Job ID: 400-203725-1

Client Sample ID: TB-01 — Lab Sample ID: 400-203725-1

No Detections.

Client Sample ID: DUP-01 — Lab Sample ID: 400-203725-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.4		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.0		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 400-203725-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.5		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.1		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 400-203725-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 400-203725-5

No Detections.

Client Sample ID: MW-9 — Lab Sample ID: 400-203725-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	64		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	57		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 400-203725-7

No Detections.

Client Sample ID: MW-16 — Lab Sample ID: 400-203725-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-203725-1	TB-01	Water	05/19/21 17:00	05/21/21 09:07	
400-203725-2	DUP-01	Water	05/19/21 18:15	05/21/21 09:07	
400-203725-3	MW-1	Water	05/19/21 17:15	05/21/21 09:07	
400-203725-4	MW-2	Water	05/19/21 17:23	05/21/21 09:07	
400-203725-5	MW-7	Water	05/19/21 17:30	05/21/21 09:07	
400-203725-6	MW-9	Water	05/19/21 17:37	05/21/21 09:07	
400-203725-7	MW-15	Water	05/19/21 17:42	05/21/21 09:07	
400-203725-8	MW-16	Water	05/19/21 17:50	05/21/21 09:07	

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: TB-01

Date Collected: 05/19/21 17:00
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-1

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/01/21 17:20	1
Toluene	<1.0		1.0		ug/L			06/01/21 17:20	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/21 17:20	1
Xylenes, Total	<10		10		ug/L			06/01/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*06/01/21 17:20*	*1*
Dibromofluoromethane	*107*		*81 - 121*		*06/01/21 17:20*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*06/01/21 17:20*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: DUP-01

Date Collected: 05/19/21 18:15
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.4**		1.0		ug/L			06/01/21 17:42	1
Toluene	<1.0		1.0		ug/L			06/01/21 17:42	1
Ethylbenzene	**1.0**		1.0		ug/L			06/01/21 17:42	1
Xylenes, Total	<10		10		ug/L			06/01/21 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*06/01/21 17:42*	*1*
Dibromofluoromethane	*102*		*81 - 121*		*06/01/21 17:42*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/01/21 17:42*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-1

Date Collected: 05/19/21 17:15
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.5**		1.0		ug/L			06/01/21 18:04	1
Toluene	<1.0		1.0		ug/L			06/01/21 18:04	1
Ethylbenzene	**1.1**		1.0		ug/L			06/01/21 18:04	1
Xylenes, Total	<10		10		ug/L			06/01/21 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*06/01/21 18:04*	*1*
Dibromofluoromethane	*105*		*81 - 121*		*06/01/21 18:04*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/01/21 18:04*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-2

Lab Sample ID: 400-203725-4

Date Collected: 05/19/21 17:23
Matrix: Water
Date Received: 05/21/21 09:07

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.3**		1.0		ug/L			06/01/21 18:26	1
Toluene	<1.0		1.0		ug/L			06/01/21 18:26	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/21 18:26	1
Xylenes, Total	<10		10		ug/L			06/01/21 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*78 - 118*		*06/01/21 18:26*	*1*
Dibromofluoromethane	*107*		*81 - 121*		*06/01/21 18:26*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/01/21 18:26*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-7
Date Collected: 05/19/21 17:30
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-5
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/01/21 18:48	1
Toluene	<1.0		1.0		ug/L			06/01/21 18:48	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/21 18:48	1
Xylenes, Total	<10		10		ug/L			06/01/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*06/01/21 18:48*	*1*
Dibromofluoromethane	*106*		*81 - 121*		*06/01/21 18:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/01/21 18:48*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-9

Date Collected: 05/19/21 17:37
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-6

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**64**		1.0		ug/L			06/01/21 19:11	1
Toluene	<1.0		1.0		ug/L			06/01/21 19:11	1
Ethylbenzene	**57**		1.0		ug/L			06/01/21 19:11	1
Xylenes, Total	<10		10		ug/L			06/01/21 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*78 - 118*		*06/01/21 19:11*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*06/01/21 19:11*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*06/01/21 19:11*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-15
Date Collected: 05/19/21 17:42
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-7
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/01/21 19:33	1
Toluene	<1.0		1.0		ug/L			06/01/21 19:33	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/21 19:33	1
Xylenes, Total	<10		10		ug/L			06/01/21 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*78 - 118*		*06/01/21 19:33*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*06/01/21 19:33*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*06/01/21 19:33*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-16
Date Collected: 05/19/21 17:50
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-8
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/01/21 19:55	1
Toluene	<1.0		1.0		ug/L			06/01/21 19:55	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/21 19:55	1
Xylenes, Total	<10		10		ug/L			06/01/21 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*06/01/21 19:55*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*06/01/21 19:55*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/01/21 19:55*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

GC/MS VOA

Analysis Batch: 533861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-203725-1	TB-01	Total/NA	Water	8260C	
400-203725-2	DUP-01	Total/NA	Water	8260C	
400-203725-3	MW-1	Total/NA	Water	8260C	
400-203725-4	MW-2	Total/NA	Water	8260C	
400-203725-5	MW-7	Total/NA	Water	8260C	
400-203725-6	MW-9	Total/NA	Water	8260C	
400-203725-7	MW-15	Total/NA	Water	8260C	
400-203725-8	MW-16	Total/NA	Water	8260C	
MB 400-533861/5	Method Blank	Total/NA	Water	8260C	
LCS 400-533861/1003	Lab Control Sample	Total/NA	Water	8260C	
400-203657-A-4 MS	Matrix Spike	Total/NA	Water	8260C	
400-203657-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

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

Lab Sample ID: MB 400-533861/5
Matrix: Water
Analysis Batch: 533861

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/01/21 11:26	1
Toluene	<1.0		1.0		ug/L			06/01/21 11:26	1
Ethylbenzene	<1.0		1.0		ug/L			06/01/21 11:26	1
Xylenes, Total	<10		10		ug/L			06/01/21 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*78 - 118*		*06/01/21 11:26*	*1*
Dibromofluoromethane	*101*		*81 - 121*		*06/01/21 11:26*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/01/21 11:26*	*1*

Lab Sample ID: LCS 400-533861/1003
Matrix: Water
Analysis Batch: 533861

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	58.4		ug/L		117	70 - 130		
Toluene			50.0	54.8		ug/L		110	70 - 130		
Ethylbenzene			50.0	54.3		ug/L		109	70 - 130		
Xylenes, Total			100	109		ug/L		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*91*		*78 - 118*
Dibromofluoromethane	*102*		*81 - 121*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 400-203657-A-4 MS
Matrix: Water
Analysis Batch: 533861

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	58.6		ug/L		117	56 - 142		
Toluene	<1.0		50.0	50.6		ug/L		101	65 - 130		
Ethylbenzene	<1.0		50.0	50.1		ug/L		100	58 - 131		
Xylenes, Total	<10		100	100		ug/L		100	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*78 - 118*
Dibromofluoromethane	*103*		*81 - 121*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Sample ID: 400-203657-A-4 MSD
Matrix: Water
Analysis Batch: 533861

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	52.6		ug/L		105	56 - 142	11	30
Toluene	<1.0		50.0	48.3		ug/L		97	65 - 130	5	30
Ethylbenzene	<1.0		50.0	46.0		ug/L		92	58 - 131	9	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

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

Lab Sample ID: 400-203657-A-4 MSD
Matrix: Water
Analysis Batch: 533861

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	93.0		ug/L		93	59 - 130	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*78 - 118*
Dibromofluoromethane	*101*		*81 - 121*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: TB-01
Date Collected: 05/19/21 17:00
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-1
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	8260C		1	5 mL	5 mL	533861	06/01/21 17:20	CAR	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: DUP-01
Date Collected: 05/19/21 18:15
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-2
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	8260C		1	5 mL	5 mL	533861	06/01/21 17:42	CAR	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-1
Date Collected: 05/19/21 17:15
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-3
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	8260C		1	5 mL	5 mL	533861	06/01/21 18:04	CAR	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-2
Date Collected: 05/19/21 17:23
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-4
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	8260C		1	5 mL	5 mL	533861	06/01/21 18:26	CAR	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-7
Date Collected: 05/19/21 17:30
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-5
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	8260C		1	5 mL	5 mL	533861	06/01/21 18:48	CAR	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-9
Date Collected: 05/19/21 17:37
Date Received: 05/21/21 09:07

Lab Sample ID: 400-203725-6
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	8260C		1	5 mL	5 mL	533861	06/01/21 19:11	CAR	TAL PEN
	Instrument ID: CH_LARS									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Client Sample ID: MW-15

Lab Sample ID: 400-203725-7

Date Collected: 05/19/21 17:42
Matrix: Water
Date Received: 05/21/21 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533861	06/01/21 19:33	CAR	TAL PEN
	Instrument ID: CH_LARS									

Client Sample ID: MW-16

Lab Sample ID: 400-203725-8

Date Collected: 05/19/21 17:50
Matrix: Water
Date Received: 05/21/21 09:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	533861	06/01/21 19:55	CAR	TAL PEN
	Instrument ID: CH_LARS									

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

Laboratory: Eurofins TestAmerica, 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	06-30-21
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-02-21
California	State	2510	06-30-21
Florida	NELAP	E81010	06-30-21
Georgia	State	E81010(FL)	06-30-21
Illinois	NELAP	200041	10-09-21
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	10-31-21
Kentucky (UST)	State	53	06-30-21
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-21
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-21
Massachusetts	State	M-FL094	06-30-21
Michigan	State	9912	06-30-21
New Jersey	NELAP	FL006	06-30-21
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-21
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-21
Tennessee	State	TN02907	06-30-21
Texas	NELAP	T104704286	09-30-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-21
Washington	State	C915	05-15-22
West Virginia DEP	State	136	06-30-21

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-203725-1

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

Protocol References:

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

Laboratory References:

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

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

Chain of Custody Record

eurofins | Environment Testing America

400-203725 COC

Client Information	Sampler: SRC, MW	Lab PM: Edwards, Marty P	Carrier Tr	COC No: 400-102797-36532.1
Client Contact: Steve Varsa	Phone: 913-980-0281	E-Mail: Marty.Edwards@Eurofinset.com	State of C	Page: Page 1 of 1
Company: Stantec Consulting Services Inc	PWSID:			Job #:
Address: 11153 Aurora Avenue	Due Date Requested:			
City: Des Moines	TAT Requested (days): STD			
State, Zip: IA, 50322-7904	Compliance Project: Δ Yes Δ No			
Phone: 303-291-2239(Tel)	PO #: See Project Notes			
Email: steve.varsa@stantec.com	WO #:			
Project Name: Standard Oil Com #1.00 Semi-annual	Project #: 40005479			
Site:	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	Z - other (specify)

Other:

W-SRC-STN-05-06-21
SRC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - BTEX 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
TB-01	5/19/2021	1700	G	Water	—		2	2	Trip Blank
DUP-01	5/19/2021	1815	G	Water	—		3	3	Duplicate
MW-1	5/19/2021	1715	G	Water	—		3	3	
MW-2	5/19/2021	1723	G	Water	—		3	3	
MW-7	5/19/2021	1730	G	Water	—		3	3	
MW-9	5/19/2021	1737	G	Water	—		3	3	
MW-15	5/19/2021	1742	G	Water	—		3	3	
MW-16	5/19/2021	1750	G	Water	—		3	3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by: Sean R Clary	Date/Time: 5/20/2021 0800	Company STN	Received by: FedEx	Date/Time: 5/20/2021 0800	Company FedEx	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/21/21 907	Company STN	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.5° CTR

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-203725-1

Login Number: 203725 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Perez, Trina M

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	3.5°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	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

Laboratory Job ID: 400-211188-1
Client Project/Site: Standard Oil Com #1

For:
Stantec Consulting Services Inc
11311 Aurora Avenue
Des Moines, Iowa 50322-7904

Attn: Steve Varsa

Cheyenne Whitmire

Authorized for release by:
11/29/2021 8:32:28 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
Cheyenne.Whitmire@Eurofinset.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Laboratory Job ID: 400-211188-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

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

Case Narrative

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Job ID: 400-211188-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-211188-1

Comments
No additional comments.

Receipt
The samples were received on 11/13/2021 9:08 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 4.1º C.

GC/MS VOA
Method 8260C: The following samples are replicates; however the results do not match: DUP-01 (400-211188-2) and MW-9 (400-211188-6). The screening data confirms the analysis, therefore the data has been reported.

No additional analytical or quality issues were noted, other than those described above or 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 Com #1

Job ID: 400-211188-1

Client Sample ID: TB-01 — Lab Sample ID: 400-211188-1

No Detections.

Client Sample ID: DUP-01 — Lab Sample ID: 400-211188-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	68		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	72		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 400-211188-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	2.8		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 400-211188-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	4.9		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	6.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 400-211188-5

No Detections.

Client Sample ID: MW-9 — Lab Sample ID: 400-211188-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	50		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	32		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 400-211188-7

No Detections.

Client Sample ID: MW-16 — Lab Sample ID: 400-211188-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-211188-1	TB-01	Water	11/11/21 14:00	11/13/21 09:08
400-211188-2	DUP-01	Water	11/11/21 16:20	11/13/21 09:08
400-211188-3	MW-1	Water	11/11/21 15:26	11/13/21 09:08
400-211188-4	MW-2	Water	11/11/21 15:31	11/13/21 09:08
400-211188-5	MW-7	Water	11/11/21 15:30	11/13/21 09:08
400-211188-6	MW-9	Water	11/11/21 15:20	11/13/21 09:08
400-211188-7	MW-15	Water	11/11/21 15:36	11/13/21 09:08
400-211188-8	MW-16	Water	11/11/21 15:42	11/13/21 09:08

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: TB-01

Date Collected: 11/11/21 14:00
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-1

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/21 16:52	1
Toluene	<1.0		1.0		ug/L			11/21/21 16:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/21 16:52	1
Xylenes, Total	<10		10		ug/L			11/21/21 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 119*		*11/21/21 16:52*	*1*
Dibromofluoromethane	*108*		*75 - 126*		*11/21/21 16:52*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*11/21/21 16:52*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: DUP-01

Date Collected: 11/11/21 16:20
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**68**		1.0		ug/L			11/21/21 17:21	1
Toluene	<1.0		1.0		ug/L			11/21/21 17:21	1
Ethylbenzene	**72**		1.0		ug/L			11/21/21 17:21	1
Xylenes, Total	<10		10		ug/L			11/21/21 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*72 - 119*		*11/21/21 17:21*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*11/21/21 17:21*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*11/21/21 17:21*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-1
Date Collected: 11/11/21 15:26
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-3
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/21 17:50	1
Toluene	<1.0		1.0		ug/L			11/21/21 17:50	1
Ethylbenzene	**2.8**		1.0		ug/L			11/21/21 17:50	1
Xylenes, Total	<10		10		ug/L			11/21/21 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*72 - 119*		*11/21/21 17:50*	*1*
Dibromofluoromethane	*101*		*75 - 126*		*11/21/21 17:50*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*11/21/21 17:50*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-2

Date Collected: 11/11/21 15:31
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-4

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.9**		1.0		ug/L			11/21/21 18:19	1
Toluene	<1.0		1.0		ug/L			11/21/21 18:19	1
Ethylbenzene	**6.5**		1.0		ug/L			11/21/21 18:19	1
Xylenes, Total	<10		10		ug/L			11/21/21 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*72 - 119*		*11/21/21 18:19*	*1*
Dibromofluoromethane	*104*		*75 - 126*		*11/21/21 18:19*	*1*
Toluene-d8 (Surr)	*118*		*64 - 132*		*11/21/21 18:19*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-7

Date Collected: 11/11/21 15:30
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-5

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/21 18:47	1
Toluene	<1.0		1.0		ug/L			11/21/21 18:47	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/21 18:47	1
Xylenes, Total	<10		10		ug/L			11/21/21 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*72 - 119*		*11/21/21 18:47*	*1*
Dibromofluoromethane	*110*		*75 - 126*		*11/21/21 18:47*	*1*
Toluene-d8 (Surr)	*88*		*64 - 132*		*11/21/21 18:47*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-9
Date Collected: 11/11/21 15:20
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-6
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**50**		1.0		ug/L			11/21/21 19:16	1
Toluene	<1.0		1.0		ug/L			11/21/21 19:16	1
Ethylbenzene	**32**		1.0		ug/L			11/21/21 19:16	1
Xylenes, Total	<10		10		ug/L			11/21/21 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*72 - 119*		*11/21/21 19:16*	*1*
Dibromofluoromethane	*102*		*75 - 126*		*11/21/21 19:16*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*11/21/21 19:16*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-15

Date Collected: 11/11/21 15:36
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-7

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/21 14:34	1
Toluene	<1.0		1.0		ug/L			11/22/21 14:34	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/21 14:34	1
Xylenes, Total	<10		10		ug/L			11/22/21 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 119*		*11/22/21 14:34*	*1*
Dibromofluoromethane	*106*		*75 - 126*		*11/22/21 14:34*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*11/22/21 14:34*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-16
Date Collected: 11/11/21 15:42
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-8
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/21 15:03	1
Toluene	<1.0		1.0		ug/L			11/22/21 15:03	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/21 15:03	1
Xylenes, Total	<10		10		ug/L			11/22/21 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 119*		*11/22/21 15:03*	*1*
Dibromofluoromethane	*107*		*75 - 126*		*11/22/21 15:03*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*11/22/21 15:03*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

GC/MS VOA

Analysis Batch: 556824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-211188-1	TB-01	Total/NA	Water	8260C	
400-211188-2	DUP-01	Total/NA	Water	8260C	
400-211188-3	MW-1	Total/NA	Water	8260C	
400-211188-4	MW-2	Total/NA	Water	8260C	
400-211188-5	MW-7	Total/NA	Water	8260C	
400-211188-6	MW-9	Total/NA	Water	8260C	
MB 400-556824/4	Method Blank	Total/NA	Water	8260C	
LCS 400-556824/1002	Lab Control Sample	Total/NA	Water	8260C	
400-211182-A-5 MS	Matrix Spike	Total/NA	Water	8260C	
400-211182-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

Analysis Batch: 556868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-211188-7	MW-15	Total/NA	Water	8260C	
400-211188-8	MW-16	Total/NA	Water	8260C	
MB 400-556868/4	Method Blank	Total/NA	Water	8260C	
LCS 400-556868/1002	Lab Control Sample	Total/NA	Water	8260C	
400-211365-A-1 MS	Matrix Spike	Total/NA	Water	8260C	
400-211365-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

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

Lab Sample ID: MB 400-556824/4
Matrix: Water
Analysis Batch: 556824

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/21 12:34	1
Toluene	<1.0		1.0		ug/L			11/21/21 12:34	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/21 12:34	1
Xylenes, Total	<10		10		ug/L			11/21/21 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*72 - 119*		*11/21/21 12:34*	*1*
Dibromofluoromethane	*106*		*75 - 126*		*11/21/21 12:34*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*11/21/21 12:34*	*1*

Lab Sample ID: LCS 400-556824/1002
Matrix: Water
Analysis Batch: 556824

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	45.3		ug/L		91	70 - 130		
Toluene			50.0	48.5		ug/L		97	70 - 130		
Ethylbenzene			50.0	44.3		ug/L		89	70 - 130		
Xylenes, Total			100	90.8		ug/L		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*72 - 119*
Dibromofluoromethane	*103*		*75 - 126*
Toluene-d8 (Surr)	*103*		*64 - 132*

Lab Sample ID: 400-211182-A-5 MS
Matrix: Water
Analysis Batch: 556824

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	44.3		ug/L		89	56 - 142		
Toluene	<1.0		50.0	44.8		ug/L		90	65 - 130		
Ethylbenzene	<1.0		50.0	39.0		ug/L		78	58 - 131		
Xylenes, Total	<10		100	81.1		ug/L		81	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*72 - 119*
Dibromofluoromethane	*104*		*75 - 126*
Toluene-d8 (Surr)	*104*		*64 - 132*

Lab Sample ID: 400-211182-A-5 MSD
Matrix: Water
Analysis Batch: 556824

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	47.0		ug/L		94	56 - 142	6	30
Toluene	<1.0		50.0	50.1		ug/L		100	65 - 130	11	30
Ethylbenzene	<1.0		50.0	45.6		ug/L		91	58 - 131	16	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

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

Lab Sample ID: 400-211182-A-5 MSD
Matrix: Water
Analysis Batch: 556824

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	94.2		ug/L		94	59 - 130	15	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*72 - 119*
Dibromofluoromethane	*107*		*75 - 126*
Toluene-d8 (Surr)	*105*		*64 - 132*

Lab Sample ID: MB 400-556868/4
Matrix: Water
Analysis Batch: 556868

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/21 11:05	1
Toluene	<1.0		1.0		ug/L			11/22/21 11:05	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/21 11:05	1
Xylenes, Total	<10		10		ug/L			11/22/21 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 119*		*11/22/21 11:05*	*1*
Dibromofluoromethane	*106*		*75 - 126*		*11/22/21 11:05*	*1*
Toluene-d8 (Surr)	*90*		*64 - 132*		*11/22/21 11:05*	*1*

Lab Sample ID: LCS 400-556868/1002
Matrix: Water
Analysis Batch: 556868

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	46.7		ug/L		93	70 - 130		
Toluene			50.0	45.8		ug/L		92	70 - 130		
Ethylbenzene			50.0	43.9		ug/L		88	70 - 130		
Xylenes, Total			100	89.4		ug/L		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*72 - 119*
Dibromofluoromethane	*105*		*75 - 126*
Toluene-d8 (Surr)	*97*		*64 - 132*

Lab Sample ID: 400-211365-A-1 MS
Matrix: Water
Analysis Batch: 556868

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	50.3		ug/L		101	56 - 142		
Toluene	<1.0		50.0	50.2		ug/L		100	65 - 130		
Ethylbenzene	<1.0		50.0	45.9		ug/L		92	58 - 131		
Xylenes, Total	<10		100	95.0		ug/L		95	59 - 130		

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

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

Lab Sample ID: 400-211365-A-1 MS
Matrix: Water
Analysis Batch: 556868

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	102		72 - 119
Dibromofluoromethane	106		75 - 126
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: 400-211365-A-1 MSD
Matrix: Water
Analysis Batch: 556868

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	45.6		ug/L		91	56 - 142	10	30
Toluene	<1.0		50.0	42.4		ug/L		85	65 - 130	17	30
Ethylbenzene	<1.0		50.0	35.9		ug/L		72	58 - 131	24	30
Xylenes, Total	<10		100	74.5		ug/L		74	59 - 130	24	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	101		72 - 119
Dibromofluoromethane	107		75 - 126
Toluene-d8 (Surr)	99		64 - 132

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: TB-01
Date Collected: 11/11/21 14:00
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-1
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	8260C		1	5 mL	5 mL	556824	11/21/21 16:52	BPO	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: DUP-01
Date Collected: 11/11/21 16:20
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-2
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	8260C		1	5 mL	5 mL	556824	11/21/21 17:21	BPO	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-1
Date Collected: 11/11/21 15:26
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-3
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	8260C		1	5 mL	5 mL	556824	11/21/21 17:50	BPO	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-2
Date Collected: 11/11/21 15:31
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-4
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	8260C		1	5 mL	5 mL	556824	11/21/21 18:19	BPO	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-7
Date Collected: 11/11/21 15:30
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-5
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	8260C		1	5 mL	5 mL	556824	11/21/21 18:47	BPO	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-9
Date Collected: 11/11/21 15:20
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-6
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	8260C		1	5 mL	5 mL	556824	11/21/21 19:16	BPO	TAL PEN
	Instrument ID: Einstein									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

Client Sample ID: MW-15
Date Collected: 11/11/21 15:36
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-7
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	8260C		1	5 mL	5 mL	556868	11/22/21 14:34	BPO	TAL PEN
	Instrument ID: Einstein									

Client Sample ID: MW-16
Date Collected: 11/11/21 15:42
Date Received: 11/13/21 09:08

Lab Sample ID: 400-211188-8
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	8260C		1	5 mL	5 mL	556868	11/22/21 15:03	BPO	TAL PEN
	Instrument ID: Einstein									

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 400-211188-1
Project/Site: Standard Oil Com #1

Laboratory: Eurofins TestAmerica, 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	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-22
Iowa	State	367	08-01-22
Kansas	NELAP	E-10253	11-30-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	12-31-21

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Standard Oil Com #1

Job ID: 400-211188-1

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

Protocol References:

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

Laboratory References:

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

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: SRL	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-105807-37682.1
Client Contact: Steve Varsa	Phone: 913-980-0281	E-Mail: Marty.Edwards@Eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: Stantec Consulting Services Inc	PWSID:			Job #:
Address: 11311 Aurora Avenue	Due Date Requested:			
City: Des Moines	TAT Requested (days):			
State, Zip: IA, 50322-7904	Compliance Project: Δ Yes Δ No			
Phone: 303-291-2239(Tel)	PO #: WD801927			
Email: steve.varsa@stantec.com	WO #:			
Project Name: Standard Oil Com #1.00	Project #: 40005479			
Site:	SSOW#:			

W-ERH-STW-SAH-14

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260C - (MOD) BTEX 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:			A		
TB-01	11/11/21	1400	G	Water		2	2	Trip Blank
DUP-01	11/11/21	1620	G	Water		3	3	Blind Dup
MW-1	11/11/21	1526	G	Water		3	3	
MW-2	11/11/21	1531	G	Water		3	3	
MW-7	11/11/21	1530	G	Water		3	3	
MW-9	11/11/21	1520	G	Water		3	3	
MW-15	11/11/21	1536	G	Water		3	3	
MW-16	11/11/21	1542	G	Water		3	3	

400-211188 COC

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	Z - other (specify)

Other:

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:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Sean R Clem	11/12/21 1230	STN			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
					11.13.21 09:08	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.10C IR2

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-211188-1

Login Number: 211188 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Whitley, Adrian

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.	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	4.1°C IR7
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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 94734

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	7046
	Action Number: 94734
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. Please see App ID 202116 for most updated status.	5/17/2023