2020 ANNUAL GROUNDWATER REPORT

Standard Oil Com #1
Incident Number: nAUTOfAB000666
NMOCD Case#: 3RP-238-0
Meter Code: 70445
T29N, R9W, Sec36, Unit N

Review of 2020 ANNUAL GROUNDWATER REPORT: **Content satisfactory**
1. Follow PLANNED FUTURE ACTIVITIES stated within aforementioned annual groundwater report.
a. Semi-annual groundwater monitoring will continue for 2021.
b. Groundwater samples will be collected from monitoring wells not containing free product.
Submit summarized activities completed and their results in a 2021 Annual Report.
Submittal to OCD expected no later than March 31,2022.

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 5, 2020 and November 5, 2020, prior to initiating groundwater sampling activities at the Site. Copies of the 2020 NMOCD notifications are provided in Appendix A. On May 12 and November 12, 2020, water levels were gauged at MW-1 through MW-4 and MW-6 through MW-16. No free product was detected in site monitoring wells during water level gauging in 2020. On May 12, 2020, groundwater samples were collected from MW-1, MW-7, MW-9, MW-15, and MW-16. On November 12, 2020, groundwater samples were collected from MW-1 to MW-4, and MW-6 to 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.

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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. 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 2020 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 2020 (see Figures 3 and 5).
- Free product was not observed at the Site in the 2020 sampling events.
- The groundwater sample collected in May 2020 from MW-9 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. The groundwater samples collected in November 2020 from MW-2, MW-3, MW-6, MW-8, MW-9, and MW-11 exceeded the NMWQCC standard for benzene in groundwater. The remaining groundwater samples collected in 2020 were either below the NMWQCC standard for benzene or not detected.
- Concentrations of toluene were not detected in the Site monitoring wells sampled in 2020.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or not detected in the Site monitoring wells sampled in 2020.
- The groundwater sample collected in November 2020 from MW-11 exceeded the NMWQCC standard (620 µg/L) for total xylenes in groundwater. Concentrations of total xylenes were not detected or detected below the NMWQCC standard in the remaining Site monitoring wells sampled in 2020.

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- A field duplicate was collected from MW-1 for the May 2020 semi-annual monitoring event and from MW-9 for the November event. No significant difference was noted between the primary and duplicate sample results for each sampling event.

PLANNED FUTURE ACTIVITIES

Semi-annual groundwater monitoring will continue for 2021. Groundwater samples will be collected from monitoring wells not containing free product. A field duplicate and trip blank will also be collected during each groundwater sampling event. The groundwater samples, field duplicate and trip blank will be analyzed for BTEX constituents using EPA Method 8260.

No additional activities are planned for 2021 at this time. The results will be summarized in the 2021 Annual Report for the Site, to be submitted in early 2022.

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

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Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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-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
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

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Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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-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
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

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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-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
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-5	11/09/06	NS	NS	NS	NS

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Standard Oil Com #1					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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-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

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
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-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-9	12/12/13	250	110	250	310
MW-9	04/04/14	130	57	110	100
MW-9	10/24/14	120	2.5	100	29
MW-9	05/31/15	72	<25	77	16 J
MW-9	11/24/15	130	<25	120	<25
MW-9	04/16/16	120	<5.0	130	6
MW-9	10/15/16	120	<5.0	120	8.2
MW-9	06/08/17	130	<5.0	140	8
MW-9	11/11/17	120	<1.0	86	<10
MW-9	05/15/18	65	<1.0	65	<10
MW-9	10/27/18	82	<1.0	97	<10
MW-9	05/23/19	79	<1.0	96	<10
DUP-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-10	12/12/13	1600	460	130	1100

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Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-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-11	12/12/13	1800	270	410	3000
MW-11	04/04/14	970 H	580	590	3500
MW-11	10/24/14	1800	210	380	2400
MW-11	05/31/15	1300	23 J	270	1200
MW-11	11/24/15	3600	3.8	580	3500
MW-11	04/16/16	3400	<100	660	3400
MW-11	10/15/16	NS	NS	NS	NS
MW-11	06/08/17	NS	NS	NS	NS
MW-11	11/11/17	NS	NS	NS	NS
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-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

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-12	11/12/20	1.9	<1.0	<1.0	<10
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-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-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-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

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-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

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
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

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	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	NA	19.58		5662.07
MW-1	11/12/20	5681.65	NA	20.46		5661.19
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
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

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	11/12/20	5688.83	ND	27.30		5661.53
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
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-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

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	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
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-5	11/09/06	5679.49	ND	17.63		5661.86
MW-5	06/12/07	5679.49	ND	17.85		5661.64
MW-5	06/16/08	5679.49	ND	18.20		5661.29
MW-5	06/10/09	5679.49	ND	18.58		5660.91
MW-5	06/02/10	5679.49	ND	18.65		5660.84
MW-5	05/09/11	5679.49	ND	18.74		5660.75
MW-5	05/15/12	5679.49	ND	18.67		5660.82
MW-5	06/05/13	5679.49	ND	18.88		5660.61
MW-5	09/11/13	5679.49	ND	19.41		5660.08
MW-5	12/12/13	5679.49	ND	18.69		5660.80
MW-5	04/04/14	5679.49	ND	18.18		5661.31
MW-5	10/24/14	5679.49	ND	DRY		DRY
MW-5	10/24/14	5679.49	ND	DRY		DRY
MW-5	05/31/15	5679.49	ND	17.99		5661.50
MW-5 plugged and abandoned on 11-13-15						
MW-6	12/12/13	5689.93	ND	27.63		5662.30
MW-6	04/04/14	5689.93	ND	27.20		5662.73
MW-6	10/24/14	5689.93	ND	27.69		5662.24
MW-6	05/31/15	5689.93	ND	27.01		5662.92

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	11/24/15	5689.93	ND	27.49		5662.44
MW-6	04/16/16	5689.93	ND	27.07		5662.86
MW-6	10/15/16	5689.93	ND	27.77		5662.16
MW-6	06/08/17	5689.93	ND	26.91		5663.02
MW-6	11/11/17	5689.93	ND	27.51		5662.42
MW-6	05/15/18	5689.93	ND	26.90		5663.03
MW-6	10/27/18	5689.93	ND	27.48		5662.45
MW-6	05/23/19	5689.93	ND	26.56		5663.37
MW-6	11/10/19	5689.93	ND	27.18		5662.75
MW-6	05/12/20	5689.93	ND	26.62		5663.31
MW-6	11/12/20	5689.93	ND	27.41		5662.52
MW-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-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-9	12/12/13	5682.09	ND	21.61		5660.48

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	04/04/14	5682.09	ND	21.11		5660.98
MW-9	10/24/14	5682.09	ND	21.66		5660.43
MW-9	05/31/15	5682.09	ND	20.94		5661.15
MW-9	11/24/15	5682.09	ND	21.41		5660.68
MW-9	04/16/16	5682.09	ND	20.92		5661.17
MW-9	10/15/16	5682.09	ND	21.72		5660.37
MW-9	06/08/17	5682.09	ND	20.85		5661.24
MW-9	11/11/17	5682.09	ND	21.46		5660.63
MW-9	05/15/18	5682.09	ND	20.86		5661.23
MW-9	10/27/18	5682.09	ND	21.55		5660.54
MW-9	05/23/19	5682.09	ND	20.43		5661.66
MW-9	11/10/19	5682.09	ND	21.24		5660.85
MW-9	05/12/20	5682.09	ND	20.60		5661.49
MW-9	11/12/20	5682.09	ND	21.51		5660.58
MW-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-11	12/12/13	5680.33	ND	20.16		5660.17
MW-11	04/04/14	5680.33	ND	19.72		5660.61
MW-11	10/24/14	5680.33	ND	20.32		5660.01
MW-11	05/31/15	5680.33	ND	19.56		5660.77
MW-11	11/24/15	5680.33	ND	20.07		5660.26
MW-11	04/16/16	5680.33	ND	19.55		5660.78
MW-11	10/15/16	5680.33	ND	20.37		5659.96
MW-11	06/08/17	5680.33	ND	19.47		5660.86
MW-11	11/11/17	5680.33	ND	20.12		5660.21
MW-11	05/15/18	5680.33	ND	19.53		5660.80
MW-11	10/27/18	5680.33	ND	20.23		5660.10
MW-11	05/23/19	5680.33	ND	19.11		5661.22
MW-11	11/10/19	5680.33	ND	18.80		5661.53
MW-11	05/12/20	5680.33	ND	19.27		5661.06

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Standard Oil Com #1						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-11	11/12/20	5680.33	ND	20.18		5660.15
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-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-14	11/24/15	5685.68	ND	36.33		5649.35
MW-14	04/16/16	5685.68	ND	24.41		5661.27
MW-14	10/15/16	5685.68	ND	25.04		5660.64
MW-14	06/08/17	5685.68	ND	24.12		5661.56
MW-14	11/11/17	5685.68	ND	24.91		5660.77
MW-14	05/15/18	5685.68	ND	24.41		5661.27
MW-14	10/27/18	5685.68	ND	24.99		5660.69
MW-14	05/23/19	5685.68	ND	23.87		5661.81
MW-14	11/10/19	5685.68	ND	24.65		5661.03
MW-14	05/12/20	5685.68	ND	24.06		5661.62
MW-14	11/12/20	5685.68	ND	24.95		5660.73
MW-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

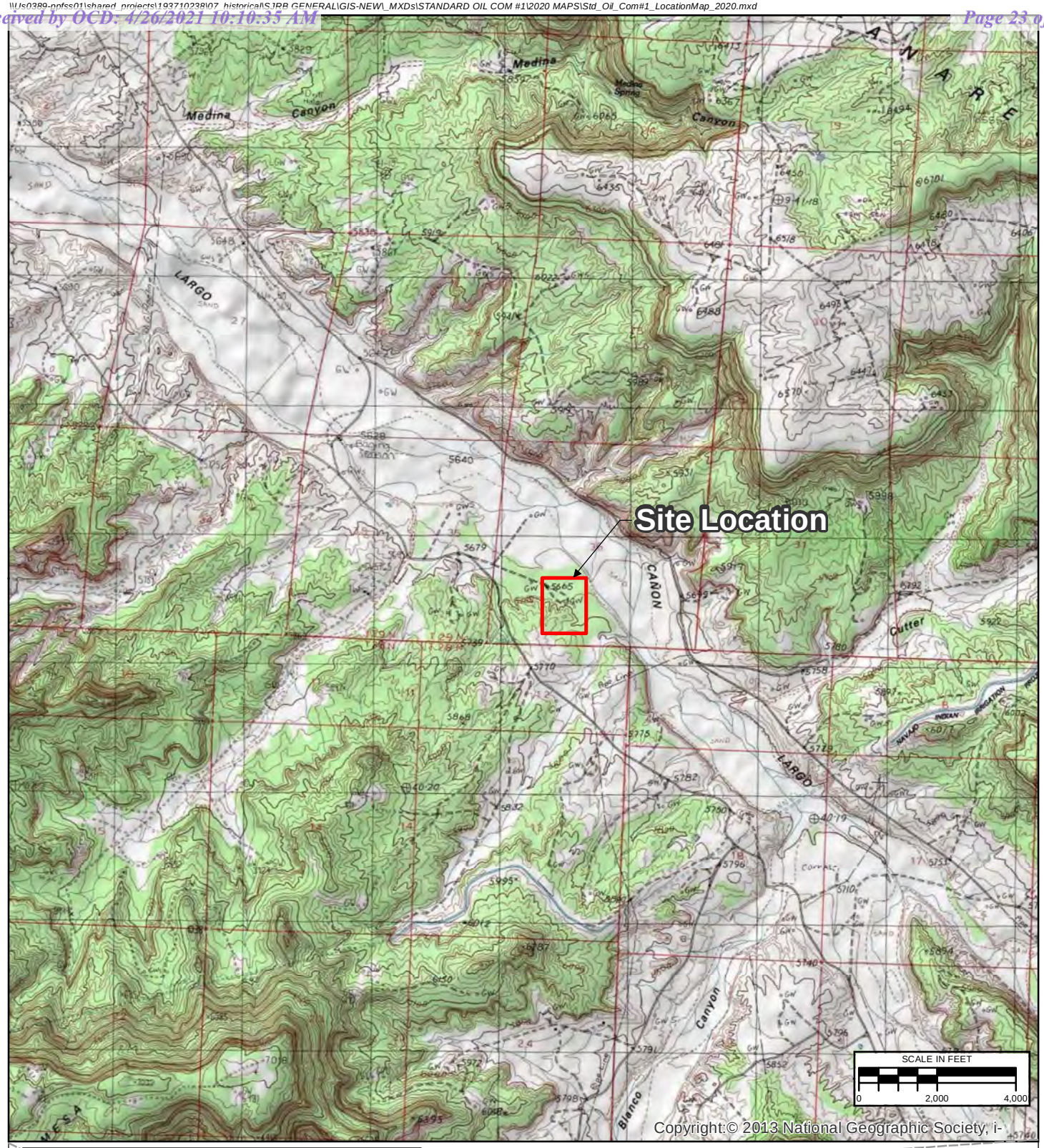
TABLE 2 - GROUNDWATER ELEVATION RESULTS

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

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

\\Us0389-pnfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\STANDARD OIL COM #1\2020 MAPS\Std_Oil_Com#1_LocationMap_2020.mxd



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

MW-4
MW-12
MW-16
MW-11
MW-3
MW-9
MW-1
MW-7
MW-15
MW-13
MW-10
MW-8
MW-2
MW-14
MW-6
MW-BR
5675
5680
5685
FORMER EPC PIT EXCAVATED APPROXIMATELY 12 FEET DEEP
SOIL PILE
BLOWDOWN VALVE
WILLIAMS GAS
ENTERPRISE LINE
T-POST
SOIL PILE
SMA BENCHMARK ELEV. 5687.12 NAD 83 NAVD 88 STATE PLANE COORDINATE SYSTEM NEW MEXICO WEST
TANK 1 OIL STORAGE TANK
WELLHEAD
BURLINGTON RESOURCES EXCAVATED PIT AREA (30' DEEP)
CONCRETE PAD
METER HOUSE
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

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\2020 MAPS\Std_Oil_Com#1_GARM_1SA_2020.mxd

MW-12 NS
MW-4 NS
MW-11 NS
MW-3 NS
MW-13 NS
MW-10 NS
MW-14 NS
MW-8 NS
MW-6 NS
MW-16 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-9 B: 70 T: <1.0 E: 140 X: <10
MW-1 B: 3.0 T: 2.1 E: 3.5 X: <10
DUP-01 B: 2.6 T: 1.7 E: 2.5 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: 1.8 T: <1.0 E: <1.0 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)
TANK 1 OIL STORAGE TANK
WELLHEAD
TANK 2 COVERED STEEL TANK
COMPRESSOR
SEPARATOR
BLOWDOWN VALVE
T-POST
CONCRETE PAD
METER HOUSE
WILLIAMS GAS
ENTERPRISE LINE
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016

LEGEND:

- 5795 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- FORMER PIT
- NATURAL GAS PIPELINE
- UNDERGROUND ELECTRIC LINE
- STATE LAND OFFICE WATER EASEMENT BOUNDARY
- MONITORING WELL
- 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
	3/4/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 12, 2020

PROJECT:

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

Stantec

Figure No.: 3

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\STANDARD OIL COM #1\2020 MAPS\Std_Oil_Com#1_GECM_1SA_2020.mxd

MW-12 5659.88
MW-4 5661.19
MW-16 5661.68
MW-11 5661.06
MW-3 5661.26
MW-9 5661.49
MW-15 5662.48
MW-7 5662.23
MW-1 5662.07
MW-10 5661.34
MW-13 5660.85
MW-8 5661.59
MW-2 5662.32
MW-14 5661.62
MW-6 5663.31
MW-5
MW-BR

5675
5680
5660.5
5665
5661.0
5661.5
5662.0
5662.5
5663.0

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

5663.31 GROUNDWATER ELEVATION FEET ABOVE MEAN SEA LEVEL

5661.5 GROUNDWATER LEVEL ELEVATION (DASHED WHERE INFERRED FEET ABOVE MEAN SEA LEVEL)

DIRECTION OF APPARENT GROUNDWATER FLOW

NO MEASURABLE FREE PRODUCT WAS DETECTED.

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	3/4/2021	SAH	SAH	SRV

TITLE:
GROUNDWATER ELEVATION MAP
MAY 12, 2020

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

Stantec

Figure No.: 4

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\STANDARD OIL COM #1\2020 MAPS\Std_Oil_Com#1_GARM_2SA_2020.mxd

MW-12
B: 1.9
T: <1.0
E: <1.0
X: <10

MW-4
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-16
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-11
B: 2600
T: <20
E: 640
X: 3900

MW-3
B: 800
T: <5.0
E: 310
X: 73

MW-9
B: 100
T: <5.0
E: 170
X: <50

DUP-01
B: 120
T: <1.0
E: 220
X: <10

MW-1
B: 2.3
T: <1.0
E: 4.5
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-13
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-10
B: 6.0
T: <1.0
E: <1.0
X: <10

MW-8
B: 110
T: <1.0
E: 3.3
X: <10

MW-2
B: 26
T: <1.0
E: 21
X: 12

MW-14
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-6
B: 15
T: <1.0
E: 2.3
X: <10

5675
5680
5685

WILLIAMS GAS
ENTERPRISE LINE
FORMER EPC PIT EXCAVATED APPROXIMATELY 12 FEET DEEP
SOIL PILE
SOIL PILE
BLOWDOWN VALVE
T-POST
SMA BENCHMARK
ELEV. 5687.12
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
BURLINGTON RESOURCES
EXCAVATED PIT AREA (30' DEEP)
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
	3/4/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 12, 2020

PROJECT:

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

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Figure No.: 5

\\Us0389-ppfss01\shared_projects\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\STANDARD OIL COM #1\2020 MAPS\Std_Oil_Com#1_GECM_2SA_2020.mxd

MW-12 5659.88
MW-4 5660.34
MW-11 5660.15
MW-3 5660.34
MW-9 5660.58
MW-16 5660.75
MW-5
MW-1 5661.19
MW-7 5661.37
MW-15 5661.63
MW-13 5659.97
MW-10 5660.41
MW-8 5660.67
MW-2 5661.53
MW-14 5660.73
MW-6 5662.52
MW-BR
5675
5680
5660.0
5660.5
5661.0
5661.5
5662.0
5662.5
WILLIAMS GAS
ENTERPRISE LINE
FORMER EPC PIT
BLOWDOWN VALVE
SOIL PILE
SOIL PILE
T-POST
SMA BENCHMARK
ELEV. 5687.12
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
WELLHEAD
CONCRETE PAD
BURLINGTON RESOURCES
EXCAVATED PIT AREA (30' DEEP)
METER HOUSE
TANK 1
OIL STORAGE TANK
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 FREE PRODUCT WAS DETECTED.

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	3/4/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 12, 2020

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 – MAY 12, 2020 GROUNDWATER SAMPLING ANALYTICAL REPORT

NOVEMBER 12, 2020 GROUNDWATER SAMPLING ANALYTICAL REPORT

APPENDIX A

From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Bcc: Varsa, Steve
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Tuesday, May 05, 2020 9:45:00 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	NMOCD Case #	Sample Date
Canada Mesa #2	3RP-155-0	05/11/2020
Fields A#7A	3RP-170-0	05/13/2020
Fogelson 4-1	3RP-068-0	05/15/2020
Gallegos Canyon Unit #124E	3RP-407-0	05/16/2020
GCU Com A #142E	3RP-179-0	05/15/2020
James F. Bell #1E	3RP-196-0	05/16/2020
Johnston Fed #4	3RP-201-0	05/17/2020
Johnston Fed #6A	3RP-202-0	05/17/2020
K27 LDO72	3RP-204-0	05/12/2020
Knight #1	3RP-207-0	05/14/2020
Lateral L 40 Line Drip	3RP-212-0	05/14/2020
Miles Fed #1A	3RP-223-0	05/11/2020
Sandoval GC A #1A	3RP-235-0	05/15/2020
Standard Oil Com #1	3RP-238-0	05/12/2020
State Gas Com N #1	3RP-239-0	05/13/2020

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: Smith, Cory, EMNRD
To: Varsa, Steve
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Subject: RE: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Thursday, November 05, 2020 8:56:01 AM

Steve,

Thank you for the notification.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Thursday, November 5, 2020 6:02 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXT] El Paso CGP Company - Notice of upcoming groundwater sampling activities

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	NMOCD Case #	Sample Date
Canada Mesa #2	3RP-155-0	11/12/2020
Fields A#7A	3RP-170-0	11/14/2020
Fogelson 4-1	3RP-068-0	11/14/2020
Gallegos Canyon Unit #124E	3RP-407-0	11/11/2020
GCU Com A #142E	3RP-179-0	11/11/2020
James F. Bell #1E	3RP-196-0	11/15/2020
Johnston Fed #4	3RP-201-0	11/13/2020
Johnston Fed #6A	3RP-202-0	11/13/2020
K27 LDO72	3RP-204-0	11/12/2020
Knight #1	3RP-207-0	11/11/2020
Lateral L 40 Line Drip	3RP-212-0	11/15/2020
Miles Fed #1A	3RP-223-0	11/12/2020
Sandoval GC A #1A	3RP-235-0	11/13/2020
Standard Oil Com #1	3RP-238-0	11/12/2020
State Gas Com N #1	3RP-239-0	11/14/2020

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

30 Years of Environmental Health and Safety Excellence

BASIN DISPOSAL

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

NO. 792583
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 5.13.20
GENERATOR: El Paso CGP
HAULING CO. [illegible]
ORDERED BY: Joe W.

DEL. TKT#.
BILL TO: El Paso CGP
DRIVER:
(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		[illegible]						
2		[illegible]						
3		Miles Federal #1A [illegible]	1	.70			'20 MAY 13 .70	5:54PM
4								
5								

I, [signature] representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt Oil field wastes.

☒ Approved ☐ Denied ATTENDANT SIGNATURE [signature]

SAN JUAN PRINTING 0818018B

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. 800456
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 11-13-20
DEL. TKT#.
GENERATOR: CGP
BILL TO: CGP
HAULING CO. CGP
DRIVER: Sean
(Print Full Name)
ORDERED BY: Joe & W.
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		Canada mesa #2	10	70			70	
2		k-27 LD92 miles federal #1A	14					'20 NOV 13 6:19PM
3		Standard oil com #1						
4		Knight #1, Gallegos Canyon Unit #124E						
5		GC V Com A #172E						

I, Sean Clary, representative or authorized agent for Enerfab, 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 505-334-1013
OPEN 24 Hours per Day

NO. 732583
NMOCD PERMIT: NM-001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 5.13.20

DEL. TKT#.

GENERATOR: El Paso CGP

BILL TO: El Paso CGP

HAULING CO: Stanteo

DRIVER:
(Print Full Name)

ORDERED BY: Joe W.

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		Fields #7A / State Gas Com M1						
2		Canada Mesa #2 K27LD172						
3		Miles Fed # 1A Standard Oil Com	1	.70			70¢	
4								
5								

I, [signature] representitive or authorized agent for the above generator and hauler hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination that the above described waste is RCRA Exempt Oil field wastes.

☒ Approved ☐ Denied ATTENDANT SIGNATURE [signature]

SAN JUAN PRINTING 0818018B

APPENDIX C

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-188039-1
Client Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
5/26/2020 4:39:10 PM

Marty Edwards, Client Service Manager
(850)471-6227
marty.edwards@testamericainc.com

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Laboratory Job ID: 400-188039-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Job ID: 400-188039-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-188039-1

Comments
No additional comments.

Receipt
The samples were received on 5/14/2020 9:28 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1° C.

Receipt Exceptions
The laboratory received 2 containers for the trip blank; however, on the chain it says there should be 3 containers.

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 Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-1 Lab Sample ID: 400-188039-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	3.0		1.0		ug/L	1		8260C	Total/NA
Toluene	2.1		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	3.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 Lab Sample ID: 400-188039-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.8		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-7 Lab Sample ID: 400-188039-3

No Detections.

Client Sample ID: MW-9 Lab Sample ID: 400-188039-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	70		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	140		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-15 Lab Sample ID: 400-188039-5

No Detections.

Client Sample ID: MW-16 Lab Sample ID: 400-188039-6

No Detections.

Client Sample ID: TB-01 Lab Sample ID: 400-188039-7

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-188039-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.6		1.0		ug/L	1		8260C	Total/NA
Toluene	1.7		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	2.5		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: Stantec Consulting Services Inc

Job ID: 400-188039-1

Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-188039-1	MW-1	Water	05/12/20 13:30	05/14/20 09:28	
400-188039-2	MW-2	Water	05/12/20 13:44	05/14/20 09:28	
400-188039-3	MW-7	Water	05/12/20 13:53	05/14/20 09:28	
400-188039-4	MW-9	Water	05/12/20 14:03	05/14/20 09:28	
400-188039-5	MW-15	Water	05/12/20 14:11	05/14/20 09:28	
400-188039-6	MW-16	Water	05/12/20 14:22	05/14/20 09:28	
400-188039-7	TB-01	Water	05/12/20 07:10	05/14/20 09:28	
400-188039-8	DUP-01	Water	05/12/20 01:10	05/14/20 09:28	

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-1
Lab Sample ID: 400-188039-1
Date Collected: 05/12/20 13:30
Matrix: Water
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.0**		1.0		ug/L			05/22/20 14:13	1
Toluene	**2.1**		1.0		ug/L			05/22/20 14:13	1
Ethylbenzene	**3.5**		1.0		ug/L			05/22/20 14:13	1
Xylenes, Total	<10		10		ug/L			05/22/20 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*05/22/20 14:13*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*05/22/20 14:13*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/22/20 14:13*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-2 **Lab Sample ID: 400-188039-2**
Date Collected: 05/12/20 13:44 **Matrix: Water**
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.8**		1.0		ug/L			05/22/20 14:38	1
Toluene	<1.0		1.0		ug/L			05/22/20 14:38	1
Ethylbenzene	<1.0		1.0		ug/L			05/22/20 14:38	1
Xylenes, Total	<10		10		ug/L			05/22/20 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*78 - 118*		*05/22/20 14:38*	*1*
Dibromofluoromethane	*102*		*81 - 121*		*05/22/20 14:38*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/22/20 14:38*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-7 **Lab Sample ID: 400-188039-3**
Date Collected: 05/12/20 13:53 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/22/20 15:03	1
Toluene	<1.0		1.0		ug/L			05/22/20 15:03	1
Ethylbenzene	<1.0		1.0		ug/L			05/22/20 15:03	1
Xylenes, Total	<10		10		ug/L			05/22/20 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*05/22/20 15:03*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/22/20 15:03*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/22/20 15:03*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-9
Lab Sample ID: 400-188039-4

Date Collected: 05/12/20 14:03
Matrix: Water
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**70**		1.0		ug/L			05/22/20 15:28	1
Toluene	<1.0		1.0		ug/L			05/22/20 15:28	1
Ethylbenzene	**140**		1.0		ug/L			05/22/20 15:28	1
Xylenes, Total	<10		10		ug/L			05/22/20 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*78 - 118*		*05/22/20 15:28*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/22/20 15:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/22/20 15:28*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-15 **Lab Sample ID: 400-188039-5**
Date Collected: 05/12/20 14:11 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/22/20 15:54	1
Toluene	<1.0		1.0		ug/L			05/22/20 15:54	1
Ethylbenzene	<1.0		1.0		ug/L			05/22/20 15:54	1
Xylenes, Total	<10		10		ug/L			05/22/20 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*78 - 118*		*05/22/20 15:54*	*1*
Dibromofluoromethane	*103*		*81 - 121*		*05/22/20 15:54*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/22/20 15:54*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-16 **Lab Sample ID: 400-188039-6**
Date Collected: 05/12/20 14:22 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/22/20 16:18	1
Toluene	<1.0		1.0		ug/L			05/22/20 16:18	1
Ethylbenzene	<1.0		1.0		ug/L			05/22/20 16:18	1
Xylenes, Total	<10		10		ug/L			05/22/20 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*78 - 118*		*05/22/20 16:18*	*1*
Dibromofluoromethane	*105*		*81 - 121*		*05/22/20 16:18*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/22/20 16:18*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: TB-01 **Lab Sample ID: 400-188039-7**
Date Collected: 05/12/20 07:10 **Matrix: Water**
Date Received: 05/14/20 09:28

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			05/22/20 16:45	1
Toluene	<1.0		1.0		ug/L			05/22/20 16:45	1
Ethylbenzene	<1.0		1.0		ug/L			05/22/20 16:45	1
Xylenes, Total	<10		10		ug/L			05/22/20 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*78 - 118*		*05/22/20 16:45*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*05/22/20 16:45*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/22/20 16:45*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: DUP-01 **Lab Sample ID: 400-188039-8**
Date Collected: 05/12/20 01:10 **Matrix: Water**
Date Received: 05/14/20 09:28

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.6**		1.0		ug/L			05/22/20 17:09	1
Toluene	**1.7**		1.0		ug/L			05/22/20 17:09	1
Ethylbenzene	**2.5**		1.0		ug/L			05/22/20 17:09	1
Xylenes, Total	<10		10		ug/L			05/22/20 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*78 - 118*		*05/22/20 17:09*	*1*
Dibromofluoromethane	*105*		*81 - 121*		*05/22/20 17:09*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/22/20 17:09*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

GC/MS VOA

Analysis Batch: 490095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-188039-1	MW-1	Total/NA	Water	8260C	
400-188039-2	MW-2	Total/NA	Water	8260C	
400-188039-3	MW-7	Total/NA	Water	8260C	
400-188039-4	MW-9	Total/NA	Water	8260C	
400-188039-5	MW-15	Total/NA	Water	8260C	
400-188039-6	MW-16	Total/NA	Water	8260C	
400-188039-7	TB-01	Total/NA	Water	8260C	
400-188039-8	DUP-01	Total/NA	Water	8260C	
MB 400-490095/4	Method Blank	Total/NA	Water	8260C	
LCS 400-490095/1002	Lab Control Sample	Total/NA	Water	8260C	
400-187960-A-1 MS	Matrix Spike	Total/NA	Water	8260C	
400-187960-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Lab Sample ID: MB 400-490095/4 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 490095

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/22/20 09:09	1
Toluene	<1.0		1.0		ug/L			05/22/20 09:09	1
Ethylbenzene	<1.0		1.0		ug/L			05/22/20 09:09	1
Xylenes, Total	<10		10		ug/L			05/22/20 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*78 - 118*		*05/22/20 09:09*	*1*
Dibromofluoromethane	*102*		*81 - 121*		*05/22/20 09:09*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/22/20 09:09*	*1*

Lab Sample ID: LCS 400-490095/1002 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 490095

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	50.9		ug/L		102	70 - 130		
Toluene			50.0	49.0		ug/L		98	70 - 130		
Ethylbenzene			50.0	51.8		ug/L		104	70 - 130		
Xylenes, Total			100	106		ug/L		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*78 - 118*
Dibromofluoromethane	*105*		*81 - 121*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 400-187960-A-1 MS **Client Sample ID: Matrix Spike**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 490095

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	47.6		ug/L		95	56 - 142		
Toluene	<1.0		50.0	45.0		ug/L		90	65 - 130		
Ethylbenzene	<1.0		50.0	48.1		ug/L		96	58 - 131		
Xylenes, Total	<10		100	97.7		ug/L		98	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*78 - 118*
Dibromofluoromethane	*104*		*81 - 121*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 400-187960-A-1 MSD **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 490095

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	47.3		ug/L		95	56 - 142	1	30
Toluene	<1.0		50.0	43.7		ug/L		87	65 - 130	3	30
Ethylbenzene	<1.0		50.0	45.1		ug/L		90	58 - 131	7	30

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Lab Sample ID: 400-187960-A-1 MSD **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 490095

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	90.8		ug/L		91	59 - 130	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*105*		*81 - 121*
Toluene-d8 (Surr)	*93*		*80 - 120*

Lab Chronicle

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-1 Lab Sample ID: 400-188039-1

Date Collected: 05/12/20 13:30 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 14:13	WPD	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-2 Lab Sample ID: 400-188039-2

Date Collected: 05/12/20 13:44 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 14:38	WPD	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-7 Lab Sample ID: 400-188039-3

Date Collected: 05/12/20 13:53 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 15:03	WPD	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-9 Lab Sample ID: 400-188039-4

Date Collected: 05/12/20 14:03 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 15:28	WPD	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-15 Lab Sample ID: 400-188039-5

Date Collected: 05/12/20 14:11 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 15:54	WPD	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: MW-16 Lab Sample ID: 400-188039-6

Date Collected: 05/12/20 14:22 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 16:18	WPD	TAL PEN
	Instrument ID: CH_TAN									

Lab Chronicle

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: TB-01 Lab Sample ID: 400-188039-7

Date Collected: 05/12/20 07:10 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 16:45	WPD	TAL PEN
	Instrument ID: CH_TAN									

Client Sample ID: DUP-01 Lab Sample ID: 400-188039-8

Date Collected: 05/12/20 01:10 **Matrix: Water**
Date Received: 05/14/20 09:28

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	490095	05/22/20 17:09	WPD	TAL PEN
	Instrument ID: CH_TAN									

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: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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	07-01-20
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-13-21
Arkansas DEQ	State	88-0689	09-01-20
California	State	2510	07-01-20
Florida	NELAP	E81010	06-30-20
Georgia	State	E81010(FL)	06-30-20
Illinois	NELAP	004586	10-09-20
Iowa	State	367	08-01-20
Kansas	NELAP	E-10253	08-16-20
Kentucky (UST)	State	53	06-30-20
Kentucky (WW)	State	KY98030	12-31-20
Louisiana	NELAP	30976	06-30-20
Louisiana (DW)	State	LA017	12-31-20
Maryland	State	233	09-30-20
Massachusetts	State	M-FL094	06-30-20
Michigan	State	9912	06-30-20
Minnesota	NELAP	012-999-481	12-31-20
New Jersey	NELAP	FL006	06-30-20
New York	NELAP	12115	04-01-21
North Carolina (WW/SW)	State	314	12-31-20
Oklahoma	State	9810-186	08-31-20
Pennsylvania	NELAP	68-00467	01-31-21
Rhode Island	State	LAO00307	12-30-20
South Carolina	State	96026002	06-30-20
Tennessee	State	TN02907	06-30-20
Texas	NELAP	T104704286	09-30-20
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	US Federal Programs	P330-18-00148	05-17-21
Virginia	NELAP	460166	06-14-20
Washington	State	C915	05-15-21
West Virginia DEP	State	136	06-30-20

Method Summary

Client: Stantec Consulting Services Inc Job ID: 400-188039-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Client Information	Sampler: SRL	Lab PM: Edwards, Marty P	Carrier Tracking No(s):
Client Contact: Steve Varsa	Phone: 515 253 0830	E-Mail: marty.edwards@testamericainc.com	
Company: Stantec Consulting Services Inc			
Address: 11153 Aurora Avenue	Due Date Requested:		
City: Des Moines	TAT Requested (days): STANDARD TAT		
State, Zip: IA, 50322-7904			
Phone: 303-291-2239(Tel)	PO #: See Project Notes		
Email: steve.varsa@stantec.com	WO #:		
Project Name: Standard Oil Com #1.00	Project #: 40005479		
Site:	SSOW#:		

Analysis Requested

400-188039 COC

W-ERG-STN-04-10-20-SAM.14 Standard oil com #1

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) BTEX 8260	Total Number of containers
			Preservation Code:				A	
MW-1	5/12/2020	1330	G	Water	N	N	3	
MW-2	5/12/2020	1344	G	Water	N	N	3	
MW-7	5/12/2020	1353	G	Water	N	N	3	
MW-9	5/12/2020	1403	G	Water	N	N	3	
MW-15	5/12/2020	1411	G	Water	N	N	3	
MW-16	5/12/2020	1422	G	Water	N	N	3	
TB-01	5/12/2020	0710	G	Water	N	N	3 MH	
DUP-01	5/12/2020	0110	G	Water	N	N	3	

SRL SRL

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

Sample Disposal (A fee may be assessed if samples are retai
☐ Return To Client ☐ Disposal By Lab ☐ Arc

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Sean N Clancy	Date/Time: 5/13/2020 0701	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-188039-1

Login Number: 188039 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Hinrichsen, Megan E

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	4.1°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	2-40ml vials received for the trip blank, but 3 were listed on the COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-195881-1
Client Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
12/3/2020 3:16:31 PM

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

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Laboratory Job ID: 400-195881-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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 Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Job ID: 400-195881-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-195881-1

Comments
No additional comments.

Receipt
The samples were received on 11/14/2020 8:29 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.2º C.

GC/MS VOA
Method 8260C: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: MW-10 (400-195881-11).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-3 (400-195881-5). Elevated reporting limits (RLs) are provided.

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

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 Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: TB-01 Lab Sample ID: 400-195881-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-195881-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	120		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	220		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 Lab Sample ID: 400-195881-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	4.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 Lab Sample ID: 400-195881-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	26		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	21		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	12		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-3 Lab Sample ID: 400-195881-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	800		5.0		ug/L	5		8260C	Total/NA
Ethylbenzene	310		5.0		ug/L	5		8260C	Total/NA
Xylenes, Total	73		50		ug/L	5		8260C	Total/NA

Client Sample ID: MW-4 Lab Sample ID: 400-195881-6

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-195881-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	15		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	2.3		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-7 Lab Sample ID: 400-195881-8

No Detections.

Client Sample ID: MW-8 Lab Sample ID: 400-195881-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	110		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	3.3		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-9 Lab Sample ID: 400-195881-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	100		5.0		ug/L	5		8260C	Total/NA
Ethylbenzene	170		5.0		ug/L	5		8260C	Total/NA

Client Sample ID: MW-10 Lab Sample ID: 400-195881-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	6.0		1.0		ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Detection Summary

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-11 Lab Sample ID: 400-195881-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2600		20		ug/L	20		8260C	Total/NA
Ethylbenzene	640		20		ug/L	20		8260C	Total/NA
Xylenes, Total	3900		200		ug/L	20		8260C	Total/NA

Client Sample ID: MW-12 Lab Sample ID: 400-195881-13

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-13 Lab Sample ID: 400-195881-14

No Detections.

Client Sample ID: MW-14 Lab Sample ID: 400-195881-15

No Detections.

Client Sample ID: MW-15 Lab Sample ID: 400-195881-16

No Detections.

Client Sample ID: MW-16 Lab Sample ID: 400-195881-17

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-195881-1	TB-01	Water	11/12/20 14:30	11/14/20 08:29	
400-195881-2	DUP-01	Water	11/12/20 15:50	11/14/20 08:29	
400-195881-3	MW-1	Water	11/12/20 15:35	11/14/20 08:29	
400-195881-4	MW-2	Water	11/12/20 15:43	11/14/20 08:29	
400-195881-5	MW-3	Water	11/12/20 15:51	11/14/20 08:29	
400-195881-6	MW-4	Water	11/12/20 15:58	11/14/20 08:29	
400-195881-7	MW-6	Water	11/12/20 16:07	11/14/20 08:29	
400-195881-8	MW-7	Water	11/12/20 16:13	11/14/20 08:29	
400-195881-9	MW-8	Water	11/12/20 16:19	11/14/20 08:29	
400-195881-10	MW-9	Water	11/12/20 15:20	11/14/20 08:29	
400-195881-11	MW-10	Water	11/12/20 16:25	11/14/20 08:29	
400-195881-12	MW-11	Water	11/12/20 16:31	11/14/20 08:29	
400-195881-13	MW-12	Water	11/12/20 16:37	11/14/20 08:29	
400-195881-14	MW-13	Water	11/12/20 16:42	11/14/20 08:29	
400-195881-15	MW-14	Water	11/12/20 16:49	11/14/20 08:29	
400-195881-16	MW-15	Water	11/12/20 16:54	11/14/20 08:29	
400-195881-17	MW-16	Water	11/12/20 17:00	11/14/20 08:29	

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: TB-01 **Lab Sample ID: 400-195881-1**
Date Collected: 11/12/20 14:30 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 15:25	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 15:25	1
Toluene	<1.0		1.0		ug/L			11/25/20 15:25	1
Xylenes, Total	<10		10		ug/L			11/25/20 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*11/25/20 15:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/25/20 15:25*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*11/25/20 15:25*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/25/20 15:25*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: DUP-01 **Lab Sample ID: 400-195881-2**
Date Collected: 11/12/20 15:50 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**120**		1.0		ug/L			11/25/20 16:05	1
Ethylbenzene	**220**		1.0		ug/L			11/25/20 16:05	1
Toluene	<1.0		1.0		ug/L			11/25/20 16:05	1
Xylenes, Total	<10		10		ug/L			11/25/20 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 16:05*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 16:05*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*11/25/20 16:05*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/25/20 16:05*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-1 **Lab Sample ID: 400-195881-3**
Date Collected: 11/12/20 15:35 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 15:45	1
Ethylbenzene	**4.5**		1.0		ug/L			11/25/20 15:45	1
Toluene	<1.0		1.0		ug/L			11/25/20 15:45	1
Xylenes, Total	<10		10		ug/L			11/25/20 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*11/25/20 15:45*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/25/20 15:45*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*11/25/20 15:45*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/25/20 15:45*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-2 **Lab Sample ID: 400-195881-4**
Date Collected: 11/12/20 15:43 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**26**		1.0		ug/L			11/25/20 15:27	1
Ethylbenzene	**21**		1.0		ug/L			11/25/20 15:27	1
Toluene	<1.0		1.0		ug/L			11/25/20 15:27	1
Xylenes, Total	**12**		10		ug/L			11/25/20 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*11/25/20 15:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/25/20 15:27*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/25/20 15:27*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/25/20 15:27*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-3 **Lab Sample ID: 400-195881-5**
Date Collected: 11/12/20 15:51 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**800**		5.0		ug/L			11/25/20 16:07	5
Ethylbenzene	**310**		5.0		ug/L			11/25/20 16:07	5
Toluene	<5.0		5.0		ug/L			11/25/20 16:07	5
Xylenes, Total	**73**		50		ug/L			11/25/20 16:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 16:07*	*5*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 16:07*	*5*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 16:07*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/25/20 16:07*	*5*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-4 **Lab Sample ID: 400-195881-6**
Date Collected: 11/12/20 15:58 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 15:47	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 15:47	1
Toluene	<1.0		1.0		ug/L			11/25/20 15:47	1
Xylenes, Total	<10		10		ug/L			11/25/20 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 15:47*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 15:47*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 15:47*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 15:47*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-6 **Lab Sample ID: 400-195881-7**
Date Collected: 11/12/20 16:07 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**15**		1.0		ug/L			11/25/20 16:32	1
Ethylbenzene	**2.3**		1.0		ug/L			11/25/20 16:32	1
Toluene	<1.0		1.0		ug/L			11/25/20 16:32	1
Xylenes, Total	<10		10		ug/L			11/25/20 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*11/25/20 16:32*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/25/20 16:32*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/25/20 16:32*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/25/20 16:32*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-7 **Lab Sample ID: 400-195881-8**
Date Collected: 11/12/20 16:13 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 16:54	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 16:54	1
Toluene	<1.0		1.0		ug/L			11/25/20 16:54	1
Xylenes, Total	<10		10		ug/L			11/25/20 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*11/25/20 16:54*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 16:54*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*11/25/20 16:54*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/25/20 16:54*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-8 **Lab Sample ID: 400-195881-9**
Date Collected: 11/12/20 16:19 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**110**		1.0		ug/L			11/25/20 17:16	1
Ethylbenzene	**3.3**		1.0		ug/L			11/25/20 17:16	1
Toluene	<1.0		1.0		ug/L			11/25/20 17:16	1
Xylenes, Total	<10		10		ug/L			11/25/20 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*11/25/20 17:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 17:16*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 17:16*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 17:16*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-9 **Lab Sample ID: 400-195881-10**
Date Collected: 11/12/20 15:20 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**100**		5.0		ug/L			11/25/20 17:38	5
Ethylbenzene	**170**		5.0		ug/L			11/25/20 17:38	5
Toluene	<5.0		5.0		ug/L			11/25/20 17:38	5
Xylenes, Total	<50		50		ug/L			11/25/20 17:38	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*11/25/20 17:38*	*5*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 17:38*	*5*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 17:38*	*5*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/25/20 17:38*	*5*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-10 **Lab Sample ID: 400-195881-11**
Date Collected: 11/12/20 16:25 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.0**		1.0		ug/L			11/25/20 18:00	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 18:00	1
Toluene	<1.0		1.0		ug/L			11/25/20 18:00	1
Xylenes, Total	<10		10		ug/L			11/25/20 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*11/25/20 18:00*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/25/20 18:00*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/25/20 18:00*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 18:00*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-11 **Lab Sample ID: 400-195881-12**
Date Collected: 11/12/20 16:31 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2600**		20		ug/L			11/25/20 18:21	20
Ethylbenzene	**640**		20		ug/L			11/25/20 18:21	20
Toluene	<20		20		ug/L			11/25/20 18:21	20
Xylenes, Total	**3900**		200		ug/L			11/25/20 18:21	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*11/25/20 18:21*	*20*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/25/20 18:21*	*20*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 18:21*	*20*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 18:21*	*20*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-12 **Lab Sample ID: 400-195881-13**
Date Collected: 11/12/20 16:37 **Matrix: Water**
Date Received: 11/14/20 08:29

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.9**		1.0		ug/L			11/25/20 18:43	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 18:43	1
Toluene	<1.0		1.0		ug/L			11/25/20 18:43	1
Xylenes, Total	<10		10		ug/L			11/25/20 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*11/25/20 18:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 18:43*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 18:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/25/20 18:43*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-13 **Lab Sample ID: 400-195881-14**
Date Collected: 11/12/20 16:42 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 19:05	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 19:05	1
Toluene	<1.0		1.0		ug/L			11/25/20 19:05	1
Xylenes, Total	<10		10		ug/L			11/25/20 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/25/20 19:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/25/20 19:05*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*11/25/20 19:05*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 19:05*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-14 **Lab Sample ID: 400-195881-15**
Date Collected: 11/12/20 16:49 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 19:27	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 19:27	1
Toluene	<1.0		1.0		ug/L			11/25/20 19:27	1
Xylenes, Total	<10		10		ug/L			11/25/20 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/25/20 19:27*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/25/20 19:27*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*11/25/20 19:27*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 19:27*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-15 **Lab Sample ID: 400-195881-16**
Date Collected: 11/12/20 16:54 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 19:49	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 19:49	1
Toluene	<1.0		1.0		ug/L			11/25/20 19:49	1
Xylenes, Total	<10		10		ug/L			11/25/20 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/25/20 19:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*11/25/20 19:49*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/25/20 19:49*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 19:49*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-16 **Lab Sample ID: 400-195881-17**
Date Collected: 11/12/20 17:00 **Matrix: Water**
Date Received: 11/14/20 08:29

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			11/25/20 20:11	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 20:11	1
Toluene	<1.0		1.0		ug/L			11/25/20 20:11	1
Xylenes, Total	<10		10		ug/L			11/25/20 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*11/25/20 20:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/25/20 20:11*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/25/20 20:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 20:11*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

GC/MS VOA

Analysis Batch: 70471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195881-7	MW-6	Total/NA	Water	8260C	
400-195881-8	MW-7	Total/NA	Water	8260C	
400-195881-9	MW-8	Total/NA	Water	8260C	
400-195881-10	MW-9	Total/NA	Water	8260C	
400-195881-11	MW-10	Total/NA	Water	8260C	
400-195881-12	MW-11	Total/NA	Water	8260C	
400-195881-13	MW-12	Total/NA	Water	8260C	
400-195881-14	MW-13	Total/NA	Water	8260C	
400-195881-15	MW-14	Total/NA	Water	8260C	
400-195881-16	MW-15	Total/NA	Water	8260C	
400-195881-17	MW-16	Total/NA	Water	8260C	
MB 410-70471/7	Method Blank	Total/NA	Water	8260C	
LCS 410-70471/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-70471/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 70489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195881-1	TB-01	Total/NA	Water	8260C	
400-195881-2	DUP-01	Total/NA	Water	8260C	
400-195881-3	MW-1	Total/NA	Water	8260C	
MB 410-70489/7	Method Blank	Total/NA	Water	8260C	
LCS 410-70489/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-70489/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 70492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195881-4	MW-2	Total/NA	Water	8260C	
400-195881-5	MW-3	Total/NA	Water	8260C	
400-195881-6	MW-4	Total/NA	Water	8260C	
MB 410-70492/7	Method Blank	Total/NA	Water	8260C	
LCS 410-70492/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-70492/5	Lab Control Sample Dup	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Lab Sample ID: MB 410-70471/7 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70471

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/25/20 13:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 13:52	1
Toluene	<1.0		1.0		ug/L			11/25/20 13:52	1
Xylenes, Total	<10		10		ug/L			11/25/20 13:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/25/20 13:52*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*11/25/20 13:52*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 13:52*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 13:52*	*1*

Lab Sample ID: LCS 410-70471/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70471

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	20.2		ug/L		101	80 - 120		
Ethylbenzene			20.0	21.0		ug/L		105	80 - 120		
Toluene			20.0	20.9		ug/L		104	80 - 120		
Xylenes, Total			60.0	64.3		ug/L		107	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 410-70471/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70471

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	20.4		ug/L		102	80 - 120	1	30
Ethylbenzene			20.0	20.9		ug/L		104	80 - 120	0	30
Toluene			20.0	20.7		ug/L		103	80 - 120	1	30
Xylenes, Total			60.0	63.8		ug/L		106	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Lab Sample ID: MB 410-70489/7 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70489

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/25/20 15:04	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 15:04	1
Toluene	<1.0		1.0		ug/L			11/25/20 15:04	1
Xylenes, Total	<10		10		ug/L			11/25/20 15:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/25/20 15:04*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*11/25/20 15:04*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*11/25/20 15:04*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/25/20 15:04*	*1*

Lab Sample ID: LCS 410-70489/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70489

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	21.3		ug/L		107	80 - 120		
Ethylbenzene			20.0	21.2		ug/L		106	80 - 120		
Toluene			20.0	21.9		ug/L		110	80 - 120		
Xylenes, Total			60.0	64.8		ug/L		108	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 410-70489/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70489

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	20.9		ug/L		105	80 - 120	2	30
Ethylbenzene			20.0	20.7		ug/L		104	80 - 120	2	30
Toluene			20.0	21.4		ug/L		107	80 - 120	3	30
Xylenes, Total			60.0	62.8		ug/L		105	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Lab Sample ID: MB 410-70492/7 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70492

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/25/20 15:07	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 15:07	1
Toluene	<1.0		1.0		ug/L			11/25/20 15:07	1
Xylenes, Total	<10		10		ug/L			11/25/20 15:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*11/25/20 15:07*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*11/25/20 15:07*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/25/20 15:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 15:07*	*1*

Lab Sample ID: LCS 410-70492/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70492

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			20.0	21.6		ug/L		108	80 - 120		
Ethylbenzene			20.0	22.1		ug/L		110	80 - 120		
Toluene			20.0	21.8		ug/L		109	80 - 120		
Xylenes, Total			60.0	67.0		ug/L		112	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 410-70492/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 70492

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			20.0	21.7		ug/L		109	80 - 120	1	30
Ethylbenzene			20.0	22.1		ug/L		111	80 - 120	0	30
Toluene			20.0	21.7		ug/L		109	80 - 120	0	30
Xylenes, Total			60.0	67.4		ug/L		112	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Chronicle

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: TB-01 — Lab Sample ID: 400-195881-1

Date Collected: 11/12/20 14:30 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70489	11/25/20 15:25	UCB5	ELLE
	Instrument ID: 26285									

Client Sample ID: DUP-01 — Lab Sample ID: 400-195881-2

Date Collected: 11/12/20 15:50 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70489	11/25/20 16:05	UCB5	ELLE
	Instrument ID: 26285									

Client Sample ID: MW-1 — Lab Sample ID: 400-195881-3

Date Collected: 11/12/20 15:35 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70489	11/25/20 15:45	UCB5	ELLE
	Instrument ID: 26285									

Client Sample ID: MW-2 — Lab Sample ID: 400-195881-4

Date Collected: 11/12/20 15:43 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70492	11/25/20 15:27	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-3 — Lab Sample ID: 400-195881-5

Date Collected: 11/12/20 15:51 **Matrix: Water**
Date Received: 11/14/20 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	5 mL	5 mL	70492	11/25/20 16:07	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-4 — Lab Sample ID: 400-195881-6

Date Collected: 11/12/20 15:58 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70492	11/25/20 15:47	UKAD	ELLE
	Instrument ID: 15648									

Lab Chronicle

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-6 Lab Sample ID: 400-195881-7

Date Collected: 11/12/20 16:07 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 16:32	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-7 Lab Sample ID: 400-195881-8

Date Collected: 11/12/20 16:13 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 16:54	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-8 Lab Sample ID: 400-195881-9

Date Collected: 11/12/20 16:19 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 17:16	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-9 Lab Sample ID: 400-195881-10

Date Collected: 11/12/20 15:20 **Matrix: Water**
Date Received: 11/14/20 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	5 mL	5 mL	70471	11/25/20 17:38	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-10 Lab Sample ID: 400-195881-11

Date Collected: 11/12/20 16:25 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 18:00	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-11 Lab Sample ID: 400-195881-12

Date Collected: 11/12/20 16:31 **Matrix: Water**
Date Received: 11/14/20 08:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	5 mL	5 mL	70471	11/25/20 18:21	NSK7	ELLE
	Instrument ID: 9915									

Lab Chronicle

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Client Sample ID: MW-12 Lab Sample ID: 400-195881-13

Date Collected: 11/12/20 16:37 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 18:43	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-13 Lab Sample ID: 400-195881-14

Date Collected: 11/12/20 16:42 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 19:05	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-14 Lab Sample ID: 400-195881-15

Date Collected: 11/12/20 16:49 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 19:27	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-15 Lab Sample ID: 400-195881-16

Date Collected: 11/12/20 16:54 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 19:49	NSK7	ELLE
	Instrument ID: 9915									

Client Sample ID: MW-16 Lab Sample ID: 400-195881-17

Date Collected: 11/12/20 17:00 **Matrix: Water**
Date Received: 11/14/20 08:29

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	70471	11/25/20 20:11	NSK7	ELLE
	Instrument ID: 9915									

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	1.01	11-29-20
Alaska	State	PA00009	06-30-21
Alaska (UST)	State	17-027	01-31-21
Arizona	State	AZ0780	03-12-21
Arkansas DEQ	State	19-053-0	08-09-21
California	State	2792	01-31-21
Colorado	State	PA00009	06-30-21
Connecticut	State	PH-0746	12-26-20
Delaware (DW)	State	N/A	01-31-21
Florida	NELAP	E87997	07-01-21
Hawaii	State	N/A	01-31-21
Illinois	NELAP	004559	01-31-21
Iowa	State	361	03-02-22
Kansas	NELAP	E-10151	10-31-21
Kentucky (DW)	State	KY90088	12-31-20
Kentucky (UST)	State	1.01	11-30-20
Kentucky (WW)	State	KY90088	12-31-20
Louisiana	NELAP	02055	06-30-21
Maine	State	2019012	03-12-21
Maryland	State	100	06-30-21
Massachusetts	State	M-PA009	06-30-21
Michigan	State	9930	01-31-21
Minnesota	NELAP	042-999-487	12-31-21
Missouri	State	450	01-31-22
Montana (DW)	State	0098	01-01-22
Nebraska	State	NE-OS-32-17	01-31-20 *
Nevada	State	PA000092019-3	07-31-21
New Hampshire	NELAP	273019	01-10-21
New Jersey	NELAP	PA011	06-30-21
New York	NELAP	10670	04-01-21
North Carolina (DW)	State	42705	07-31-21
North Carolina (WW/SW)	State	521	12-31-20
North Dakota	State	R-205	01-31-20 *
Oklahoma	NELAP	R-205	02-01-21
Oregon	NELAP	PA200001-018	09-12-21
PALA	Canada	1978	05-08-21
Pennsylvania	NELAP	36-00037	01-31-21
Rhode Island	State	LAO00338	12-30-20
South Carolina	State	89002002	01-31-21
Tennessee	State	02838	01-31-21
Texas	NELAP	T104704194-20-38	08-31-21
Utah	NELAP	PA000092019-16	02-28-21
Vermont	State	VT - 36037	10-29-21
Virginia	NELAP	10561	06-14-21
Washington	State	C457	04-11-21
West Virginia (DW)	State	9906 C	12-31-20
West Virginia DEP	State	055	12-31-20
Wyoming	State	8TMS-L	01-07-21
Wyoming (UST)	A2LA	1.01	11-30-20

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Stantec Consulting Services Inc Job ID: 400-195881-1
Project/Site: ElPaso CGP Company-Standard Oil Com#1.00

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

Protocol References:

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

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

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

Chain of Custody Record

TestAmerica Des Moines SC
214

eurofins

400-195881 COC

Client Information	Sampler: SRL	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-97384-35228.1
Client Contact: Steve Varsa	Phone: 913 980 0281	E-Mail: Marty.Edwards@Eurofinset.com		Page: Page 1 of 2
Company: Stantec Consulting Services Inc				Job #:

Address: 11153 Aurora Avenue	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Des Moines	TAT Requested (days): STD		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: IA, 50322-7904			
Phone: 303-291-2239(Tel)	PO #: See Project Notes		Other:
Email: steve.varsa@stantec.com	WO #:		
Project Name: Standard Oil Com #1.00	Project #: 40005479		
Site: STANDARD OIL Com 1	SSOW#:		

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 - (MOD) BTEX 8260	Total Number of containers	Special Instructions/Note:
W-ERG-STN-11-02-20-SAH-14 STANDARD OIL COM #1			Preservation Code:				A		
TB-01	11/12/2020	1430	G	Water	—	—	2	2	Trip Blank
DUP-01	11/12/2020	1550	G	Water	—	—	3	3	Blind Dup
MW-1	11/12/2020	1535	G	Water	—	—	3	3	
MW-2	11/12/2020	1543	G	Water	—	—	3	3	
MW-3	11/12/2020	1551	G	Water	—	—	3	3	
MW-4	11/12/2020	1558	G	Water	—	—	3	3	
MW-6	11/12/2020	1607	G	Water	—	—	3	3	
MW-7	11/12/2020	1613	G	Water	—	—	3	3	
MW-8	11/12/2020	1619	G	Water	—	—	3	3	
MW-9	11/12/2020	1520	G	Water	—	—	3	3	
MW-10	11/12/2020	1625	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: Fedex

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sean R Clay	11/13/2020 0700	STN		11-14-20 0829	TAPEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2°C IR-9

Ver: 01/16/2019

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

Chain of Custody Record

TestAmerica Des Moines SC
214

eurofins Environment Testing America

Client Information	Sampler: SEE FRONT	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-97384-35228.1
Client Contact: Steve Varsa	Phone: -	E-Mail: Marty.Edwards@Eurofinset.com		Page: Page 2 of 2
Company: Stantec Consulting Services Inc		Analysis Requested		Job #:
Address: 11153 Aurora Avenue	Due Date Requested:			Preservation Codes:
City: Des Moines	TAT Requested (days): SEE FRONT			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
State, Zip: IA, 50322-7904				
Phone: 303-291-2239(Tel)	PO #: See Project Notes			Other:
Email: steve.varsa@stantec.com	WO #:			
Project Name: Standard Oil Com #1.00	Project #: 40005479			
Site: SEE FRONT	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) BTEX 8260	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-11	11/12/2020	1631	G	Water	-	-	3	3	
MW-12	11/12/2020	1637	G	Water	-	-	3	3	
MW-13	11/12/2020	1642	G	Water	-	-	3	3	
MW-14	11/12/2020	~~1654~~ 1649	G	Water	-	-	3	3	Sample time 1649 SRC
MW-15	11/12/2020	1654	G	Water	-	-	3	3	
MW-16	11/12/2020	1700	G	Water	-	-	3	3	
				Water					
				Water					
				Water					
				Water					
				Water					

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: FedEx

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Sean McClay	11/13/2020 0700	STN		11-14-20 0829	TAPEN
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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 (Sub Contract Lab)	Sampler:	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-256637.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Marty.Edwards@Eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Env LLC		Accreditations Required (See note):		Job #: 400-195881-1
Address: 2425 New Holland Pike, .	Due Date Requested: 11/27/2020			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: ElPaso CGP Company-Standard Oil Com#1.00	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:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5030C BTEX Volatiles (Total Xylenes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TB-01 (400-195881-1)	11/12/20	14:30 Mountain		Water			X	2	
DUP-01 (400-195881-2)	11/12/20	15:50 Mountain		Water			X	3	
MW-1 (400-195881-3)	11/12/20	15:35 Mountain		Water			X	3	
MW-2 (400-195881-4)	11/12/20	15:43 Mountain		Water			X	3	
MW-3 (400-195881-5)	11/12/20	15:51 Mountain		Water			X	3	
MW-4 (400-195881-6)	11/12/20	15:58 Mountain		Water			X	3	
MW-6 (400-195881-7)	11/12/20	16:07 Mountain		Water			X	3	
MW-7 (400-195881-8)	11/12/20	16:13 Mountain		Water			X	3	
MW-8 (400-195881-9)	11/12/20	16:19 Mountain		Water			X	3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Kathy Rauen	11-24-20 1518	EHA			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	11/25/20 11:52	ELLE

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2

TR

Ver: 11/01/2020

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 (Sub Contract Lab)	Sampler:	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-256637.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Marty.Edwards@Eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Env LLC		Accreditations Required (See note):		Job #: 400-195881-1
Address: 2425 New Holland Pike, .	Due Date Requested: 11/27/2020			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: ElPaso CGP Company-Standard Oil Com#1.00	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:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5030C BTEX Volatiles (Total Xylenes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-9 (400-195881-10)	11/12/20	15:20 Mountain		Water			X	3	
MW-10 (400-195881-11)	11/12/20	16:25 Mountain		Water			X	3	
MW-11 (400-195881-12)	11/12/20	16:31 Mountain		Water			X	3	
MW-12 (400-195881-13)	11/12/20	16:37 Mountain		Water			X	3	
MW-13 (400-195881-14)	11/12/20	16:42 Mountain		Water			X	3	
MW-14 (400-195881-15)	11/12/20	16:49 Mountain		Water			X	3	
MW-15 (400-195881-16)	11/12/20	16:54 Mountain		Water			X	3	
MW-16 (400-195881-17)	11/12/20	17:00 Mountain		Water			X	3	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kathy Q Cruz	11.24.20 1518	EIA			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	11/25/20 11:52	ELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2

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Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-195881-1

Login Number: 195881 **List Source: Eurofins TestAmerica, Pensacola**
List Number: 1
Creator: Conrady, Hank W

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	0.2°C IR-9
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	

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-195881-1

Login Number: 195881 **List Source: Eurofins Lancaster Laboratories Env**
List Number: 2 **List Creation: 11/25/20 12:39 PM**
Creator: Rivera-Santa, Julissa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	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 25509

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	7046
	Action Number: 25509
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER REPORT: Content satisfactory 1. Follow PLANNED FUTURE ACTIVITIES stated within aforementioned annual groundwater report. a. Semi-annual groundwater monitoring will continue for 2021. b. Groundwater samples will be collected from monitoring wells not containing free product. 2. Submit summarized activities completed and their results in a 2021 Annual Report. Submittal to OCD expected no later than March 31,2022.	2/10/2022