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APPROVED
By Nelson Velez at 5:04 pm, Dec 29, 2021

2020 ANNUAL GROUNDWATER REPORT

Johnston Fed #6A
Incident Number: nAUTOfAB000309
NMOCD Case#: 3RP-202-0
Meter Code: 89232
T31N, R9W, Sec35, Unit F

Review of the 2020 ANNUAL GROUNDWATER REPORT: Content satisfactory

1. Continue semi-annual groundwater monitoring events in 2021
2. Continue quarterly site visits to facilitate removal of measurable free product where it is present
3. Pursuant to the EPCGP's January 5, 2021 letter, mobile DPE activities are to be completed before October 2021 to remove remaining free product from MW-1.
4. Provide OCD a follow-up correspondence once the date of the work is scheduled
5. Completed activities and summarize in the 2021 Annual Report and to be submitted no later than March 31, 2022

SITE DETAILS

Site Location: Latitude: 36.856422 N, Longitude: -107.753819 W
Land Type: Federal
Operator: Hilcorp Energy

SITE BACKGROUND

Environmental Remediation activities at Johnston Fed #6A (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 Federal land. An initial site assessment was completed in August 1994, and an excavation of 80 cubic yards (cy), to a depth of approximately 12 feet below ground surface (bgs), was completed in September 1994. Monitoring wells were installed in 1994 (MW-1 through MW-4), 1997 (temporary monitoring wells PZ-01 through PZ-07), 2000 (MW-5), 2006 (MW-6), and 2015 (MW-7 through MW-9). In 2019 monitoring wells MW-10 and MW-11 were installed to confirm groundwater delineation. The location of the Site is depicted on Figure 1. A Site Plan map depicting the locations of monitoring well and current and historical features is provided as Figure 2. Historically, free product has periodically been encountered at MW-1 and MW-3 and recovery has been periodically conducted since 1997. Mobile dual-phase extraction (MDPE) events to enhance free product recovery were initiated in November 2016 and completed in September 2017. Currently, groundwater sampling is conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, 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 17, 2020 and November 13, 2020, water levels were gauged at MW-1 through MW-11. Groundwater samples were collected from MW-2, MW-3, MW-4 MW-5, MW-6, MW-7, MW-8, and MW-9, MW-10 and MW-11 on May 17, 2020. On November 13, 2020 groundwater samples were collected from MW-1, MW-3, MW-4, MW-5, and MW-7 through MW-9. Free product was detected at MW-1 during the May 2020 event; therefore, no groundwater sample was collected from that location. Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge 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.

Groundwater samples were placed into laboratory supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins-TestAmerica where they were analyzed for BTEX constituents. One laboratory supplied trip blank and one blind field duplicate sample were also collected during each groundwater sampling event. BTEX constituents were analyzed using EPA Method 8260.

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The unused sample water was combined in a waste container and transported to Basin for disposal. Waste disposal documentation is included as Appendix B.

FREE PRODUCT RECOVERY

As documented in EPCGP's letter dated January 5, 2021, EPCGP initiated quarterly free product recovery activities in the second calendar quarter of 2020. Documentation of NMOCD notification of site activities is provided in Appendix A. Free product was present in monitoring well MW-1 on May 14, and August 19, 2020.

During the May 2020 sampling event, 0.01 feet of free product was observed at MW-1 and less than 0.01 gallons of free product was recovered by hand-bailing. During the August 2020 site visit, less than trace product was observed in MW-1 and less than 0.01 gallons were removed by hand bailing. During the groundwater sampling site visits, the recovered free product was disposed of with wastewater generated during the monitoring well sampling activities. Recovered free product from the August site visit was also transported for disposal at Basin Disposal, Inc, (Basin) in Bloomfield, New Mexico (Appendix B).

SUMMARY TABLES

Historic groundwater analytical results and well gauging data are summarized in Tables 1 and 2, respectively. Free product recovery data is summarized on Table 3.

SITE MAPS

Groundwater analytical maps (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 north-northeast during 2020 (see Figures 4 and 6).
- Free product was observed in MW-1 during the May 2020 groundwater sampling event; therefore, no groundwater sample was collected at that location.
- Concentrations of benzene were either not detected or below the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for groundwater in the Site monitoring wells sampled in 2020.
- Concentrations of toluene were either not detected or below the NMWQCC standard (750 µg/L) for toluene in groundwater in the Site monitoring wells sampled in 2020.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) for ethylbenzene in groundwater or not detected in the Site monitoring wells sampled in 2020.

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- Concentrations of total xylenes were either not detected or below the NMWQCC standard (620 µg/L) for total xylenes in groundwater in the Site monitoring wells sampled in 2020.

- A field duplicate was collected from MW-2 for the May 2020 event and from monitoring well MW-1 for the November 2020 monitoring event. For the May 2020 sampling event, there were no significant difference noted between the primary and duplicate sample results, for the November 2020 sampling event, the relative percent difference calculated for the detected concentrations of ethylbenzene and total xylenes concentrations for the November 2020 MW-1 and field duplicate sample DUP-1 were 110 percent and 118 percent, respectively. No quality issues were noted by the laboratory related to the analytical results for the November 2020 sampling event, and no irregularities were noted in the field documentation.

- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2020 groundwater monitoring events.

PLANNED FUTURE ACTIVITIES

EPCGP will continue to conduct semi-annual groundwater monitoring events in 2021. 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.

Quarterly site visits will continue at the site in 2021 to facilitate removal of measurable free product where it is present. Pursuant to the January 5, 2021 letter from EPCGP, mobile DPE activities are to be completed before October 2021 to remove remaining free product from MW-1. Follow-up correspondence will be provided to NMOCD once the date of this work is scheduled.

The activities completed in 2021 and their results will be summarized in the 2021 Annual Report, to be submitted in early 2022.

TABLES

TABLE-1 GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	08/10/95	605	1380	74.6	718
MW-1	12/13/95	1330	1610	235	1540
MW-1	04/11/96	775	1070	124	810
MW-1	07/23/96	676	1980	233	2090
MW-1	10/14/96	1790	8350	580	6200
MW-1	01/22/97	6420	19800	934	10700
MW-1	04/11/97	7310	23500	1010	10800
MW-1	06/18/01	NS	NS	NS	NS
MW-1	09/04/01	NS	NS	NS	NS
MW-1	03/04/02	NS	NS	NS	NS
MW-1	06/04/02	NS	NS	NS	NS
MW-1	09/10/02	NS	NS	NS	NS
MW-1	12/12/02	NS	NS	NS	NS
MW-1	03/14/03	NS	NS	NS	NS
MW-1	06/18/03	NS	NS	NS	NS
MW-1	09/16/03	NS	NS	NS	NS
MW-1	12/17/03	NS	NS	NS	NS
MW-1	03/16/04	NS	NS	NS	NS
MW-1	06/22/04	NS	NS	NS	NS
MW-1	09/22/04	NS	NS	NS	NS
MW-1	12/21/04	NS	NS	NS	NS
MW-1	03/23/05	NS	NS	NS	NS
MW-1	06/17/05	NS	NS	NS	NS
MW-1	09/20/05	NS	NS	NS	NS
MW-1	12/14/05	NS	NS	NS	NS
MW-1	03/25/06	NS	NS	NS	NS
MW-1	03/27/06	NS	NS	NS	NS
MW-1	06/06/06	NS	NS	NS	NS
MW-1	09/25/06	NS	NS	NS	NS
MW-1	12/07/06	NS	NS	NS	NS
MW-1	03/28/07	NS	NS	NS	NS
MW-1	06/18/07	NS	NS	NS	NS
MW-1	09/17/07	NS	NS	NS	NS
MW-1	12/17/07	NS	NS	NS	NS
MW-1	03/10/08	NS	NS	NS	NS
MW-1	06/17/08	NS	NS	NS	NS
MW-1	09/10/08	NS	NS	NS	NS
MW-1	12/02/08	NS	NS	NS	NS
MW-1	03/05/09	NS	NS	NS	NS
MW-1	06/02/09	NS	NS	NS	NS

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Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	08/28/09	NS	NS	NS	NS
MW-1	11/04/09	NS	NS	NS	NS
MW-1	02/17/10	NS	NS	NS	NS
MW-1	05/24/10	NS	NS	NS	NS
MW-1	09/24/10	NS	NS	NS	NS
MW-1	11/02/10	NS	NS	NS	NS
MW-1	02/07/11	611	8260	1260	11600
MW-1	05/02/11	NS	NS	NS	NS
MW-1	09/23/11	NS	NS	NS	NS
MW-1	11/01/11	NS	NS	NS	NS
MW-1	02/21/12	577	5510	916	5420
MW-1	05/14/12	NS	NS	NS	NS
MW-1	06/09/13	510	17000	1400	15000
MW-1	09/09/13	NS	NS	NS	NS
MW-1	12/12/13	NS	NS	NS	NS
MW-1	04/02/14	NS	NS	NS	NS
MW-1	10/23/14	NS	NS	NS	NS
MW-1	05/30/15	NS	NS	NS	NS
MW-1	11/19/15	NS	NS	NS	NS
MW-1	04/16/16	NS	NS	NS	NS
MW-1	10/13/16	NS	NS	NS	NS
MW-1	11/29/16	NS	NS	NS	NS
MW-1	07/15/17	NS	NS	NS	NS
MW-1	06/09/17	NS	NS	NS	NS
MW-1	09/23/17	NS	NS	NS	NS
MW-1	11/12/17	27	2800	560	3900
MW-1	05/16/18	27	2600	840	5600
DP-01(MW-1)*	05/16/18	30	3700	980	8000
MW-1	10/26/18	4.6	32	180	130
DUP-01(MW-1)*	10/26/18	4.5	37	170	140
MW-1	05/22/19	5.4	330	250	910
DUP-1(MW-1)*	05/22/19	<5.0	210	260	700
MW-1	11/12/19	NS	NS	NS	NS
MW-1	05/17/20	NS	NS	NS	NS
MW-1	11/13/20	1.5	200	30	140
DUP-1(MW-1)*	11/13/20	1.3	180	8.6	36
MW-2	12/13/95	15.1	50.8	<2.5	53.8
MW-2	04/11/96	<1	<1	<1	3.13
MW-2	07/23/96	<1	1.15	<1	4.06

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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-2	10/14/96	<1	1.04	<1	4.85
MW-2	01/22/97	<1	<1	<1	<3
MW-2	04/11/97	<1	<1	<1	<3
MW-2	10/09/00	<0.5	<0.5	<0.5	<0.5
MW-2	06/18/01	<0.5	<0.5	<0.5	<0.5
MW-2	09/04/01	NS	NS	NS	NS
MW-2	06/03/02	<0.5	<0.5	<0.5	<1
MW-2	09/10/02	NS	NS	NS	NS
MW-2	12/12/02	NS	NS	NS	NS
MW-2	03/14/03	NS	NS	NS	NS
MW-2	06/18/03	NS	NS	NS	NS
MW-2	09/16/03	NS	NS	NS	NS
MW-2	12/17/03	NS	NS	NS	NS
MW-2	03/16/04	NS	NS	NS	NS
MW-2	06/22/04	NS	NS	NS	NS
MW-2	09/22/04	NS	NS	NS	NS
MW-2	12/21/04	NS	NS	NS	NS
MW-2	03/23/05	NS	NS	NS	NS
MW-2	06/17/05	NS	NS	NS	NS
MW-2	09/20/05	NS	NS	NS	NS
MW-2	12/14/05	NS	NS	NS	NS
MW-2	03/27/06	NS	NS	NS	NS
MW-2	06/06/06	NS	NS	NS	NS
MW-2	09/25/06	NS	NS	NS	NS
MW-2	12/07/06	NS	NS	NS	NS
MW-2	03/28/07	NS	NS	NS	NS
MW-2	06/18/07	NS	NS	NS	NS
MW-2	09/17/07	NS	NS	NS	NS
MW-2	12/17/07	NS	NS	NS	NS
MW-2	03/10/08	NS	NS	NS	NS
MW-2	06/17/08	NS	NS	NS	NS
MW-2	09/10/08	NS	NS	NS	NS
MW-2	12/02/08	NS	NS	NS	NS
MW-2	03/05/09	NS	NS	NS	NS
MW-2	06/02/09	NS	NS	NS	NS
MW-2	08/28/09	NS	NS	NS	NS
MW-2	11/04/09	NS	NS	NS	NS
MW-2	02/17/10	NS	NS	NS	NS
MW-2	05/24/10	NS	NS	NS	NS
MW-2	09/24/10	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-2	11/02/10	NS	NS	NS	NS
MW-2	02/07/11	NS	NS	NS	NS
MW-2	05/02/11	NS	NS	NS	NS
MW-2	09/23/11	NS	NS	NS	NS
MW-2	11/01/11	NS	NS	NS	NS
MW-2	02/21/12	NS	NS	NS	NS
MW-2	05/14/12	NS	NS	NS	NS
MW-2	06/09/13	<0.14	<0.30	<0.20	<0.23
MW-2	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-2	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-2	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-2	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-2	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-2	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-2	04/16/16	NS	NS	NS	NS
MW-2	10/13/16	NS	NS	NS	NS
MW-2	06/09/17	NS	NS	NS	NS
MW-2	11/12/17	<1.0	<1.0	<1.0	<10
MW-2	05/16/18	NS	NS	NS	NS
MW-2	10/26/18	NS	NS	NS	NS
MW-2	05/22/19	NS	NS	NS	NS
MW-2	11/12/19	NS	NS	NS	NS
MW-2	05/17/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-2)*	05/17/20	<1.0	<1.0	<1.0	<10
MW-2	11/13/20	NS	NS	NS	NS
MW-3	12/13/95	488	1020	104	1120
MW-3	04/11/96	772	231	113	379
MW-3	07/25/96	687	112	115	209
MW-3	10/14/96	900	240	140	340
MW-3	01/22/97	907	234	215	340
MW-3	04/11/97	944	209	223	322
MW-3	06/18/01	510	23	160	98
MW-3	09/04/01	NS	NS	NS	NS
MW-3	06/03/02	380	<5	110	29
MW-3	12/12/02	NS	NS	NS	NS
MW-3	03/14/03	NS	NS	NS	NS
MW-3	06/18/03	NS	NS	NS	NS
MW-3	09/16/03	NS	NS	NS	NS
MW-3	12/17/03	NS	NS	NS	NS

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Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	03/16/04	NS	NS	NS	NS
MW-3	06/22/04	NS	NS	NS	NS
MW-3	09/22/04	NS	NS	NS	NS
MW-3	12/21/04	NS	NS	NS	NS
MW-3	03/23/05	NS	NS	NS	NS
MW-3	06/17/05	NS	NS	NS	NS
MW-3	09/20/05	NS	NS	NS	NS
MW-3	12/14/05	NS	NS	NS	NS
MW-3	03/25/06	NS	NS	NS	NS
MW-3	03/27/06	NS	NS	NS	NS
MW-3	06/06/06	NS	NS	NS	NS
MW-3	09/25/06	NS	NS	NS	NS
MW-3	12/07/06	NS	NS	NS	NS
MW-3	03/28/07	NS	NS	NS	NS
MW-3	06/18/07	NS	NS	NS	NS
MW-3	09/17/07	NS	NS	NS	NS
MW-3	12/17/07	NS	NS	NS	NS
MW-3	03/10/08	NS	NS	NS	NS
MW-3	06/17/08	NS	NS	NS	NS
MW-3	09/10/08	NS	NS	NS	NS
MW-3	12/02/08	NS	NS	NS	NS
MW-3	03/05/09	1.2	17.9	9.4	59
MW-3	06/02/09	NS	NS	NS	NS
MW-3	08/28/09	NS	NS	NS	NS
MW-3	11/04/09	NS	NS	NS	NS
MW-3	02/17/10	3.2	4.5	3.4	25.9
MW-3	05/24/10	NS	NS	NS	NS
MW-3	09/24/10	NS	NS	NS	NS
MW-3	11/02/10	NS	NS	NS	NS
MW-3	02/07/11	8.6	1.3	6	13.1
MW-3	05/02/11	NS	NS	NS	NS
MW-3	09/23/11	NS	NS	NS	NS
MW-3	11/01/11	NS	NS	NS	NS
MW-3	02/21/12	4.7	7.6	23.1	19.1
MW-3	05/14/12	NS	NS	NS	NS
MW-3	06/09/13	<0.14	0.71 J	49	12
MW-3	09/09/13	0.78 J	0.48 J	30	2.2 J
MW-3	12/12/13	<0.20	51	23	5.4
MW-3	04/02/14	3.5	57	19	8.7
MW-3	10/23/14	<0.38	<0.70	6.2	<1.6

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Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	05/30/15	<1.0	<5.0	4.6	17
MW-3	11/19/15	<1.0	2.5	2.1	<3.0
MW-3	04/16/16	<1.0	52	1.9	<5.0
MW-3	10/13/16	<1.0	61	1.9	<5.0
MW-3	06/09/17	<1.0	<5.0	1.6	25
MW-3	11/12/17	<1.0	<1.0	<1.0	<10
MW-3	05/16/18	<1.0	<1.0	1.2	<10
MW-3	10/26/18	<1.0	<1.0	<1.0	<10
MW-3	05/22/19	<1.0	<1.0	<1.0	<10
MW-3	11/12/19	<1.0	<1.0	<1.0	<2.0
DUP-1(MW-3)*	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-3	05/17/20	<1.0	<1.0	<1.0	<10
MW-3	11/13/20	<1.0	<1.0	<1.0	<10
MW-4	12/13/95	545	121	114	177
MW-4	04/11/96	591	160	133	193
MW-4	07/25/96	793	96.4	172	174
MW-4	10/14/96	800	100	130	235
MW-4	01/22/97	899	26.7	157	186
MW-4	04/11/97	703	20.1	149	138
MW-4	10/09/00	81	36	45	20
MW-4	06/18/01	490	70	91	96
MW-4	09/04/01	NS	NS	NS	NS
MW-4	06/03/02	16	<5	17	2.2
MW-4	09/10/02	NS	NS	NS	NS
MW-4	12/12/02	NS	NS	NS	NS
MW-4	03/14/03	NS	NS	NS	NS
MW-4	06/18/03	<1	<1	1.7	<3
MW-4	09/16/03	NS	NS	NS	NS
MW-4	12/17/03	NS	NS	NS	NS
MW-4	03/16/04	NS	NS	NS	NS
MW-4	06/22/04	0.56 J	1.1	2.8	<1
MW-4	09/22/04	NS	NS	NS	NS
MW-4	12/21/04	NS	NS	NS	NS
MW-4	03/23/05	<1	<1	<1	0.99
MW-4	06/17/05	NS	NS	NS	NS
MW-4	09/20/05	NS	NS	NS	NS
MW-4	12/14/05	NS	NS	NS	NS
MW-4	03/27/06	0.39 J	<1	<1	0.83 J
MW-4	06/06/06	NS	NS	NS	NS

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Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	09/25/06	NS	NS	NS	NS
MW-4	12/07/06	NS	NS	NS	NS
MW-4	03/28/07	0.39 J	0.6 J	<1	1.7 J
MW-4	06/18/07	NS	NS	NS	NS
MW-4	09/17/07	NS	NS	NS	NS
MW-4	12/17/07	NS	NS	NS	NS
MW-4	03/10/08	0.25 J	<1	<1	<2
MW-4	06/17/08	NS	NS	NS	NS
MW-4	09/10/08	NS	NS	NS	NS
MW-4	12/02/08	NS	NS	NS	NS
MW-4	03/05/09	NS	NS	NS	NS
MW-4	06/02/09	NS	NS	NS	NS
MW-4	08/28/09	NS	NS	NS	NS
MW-4	11/04/09	NS	NS	NS	NS
MW-4	02/17/10	NS	NS	NS	NS
MW-4	05/24/10	NS	NS	NS	NS
MW-4	09/24/10	NS	NS	NS	NS
MW-4	11/02/10	NS	NS	NS	NS
MW-4	02/07/11	NS	NS	NS	NS
MW-4	05/02/11	NS	NS	NS	NS
MW-4	09/23/11	NS	NS	NS	NS
MW-4	11/01/11	NS	NS	NS	NS
MW-4	02/21/12	NS	NS	NS	NS
MW-4	05/14/12	NS	NS	NS	NS
MW-4	06/09/13	<0.14	<0.30	<0.20	<0.23
MW-4	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-4	12/12/13	<0.20	0.51 J	<0.20	<0.65
MW-4	04/02/14	<0.20	1.2 J	<0.20	<0.65
MW-4	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-4	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/16/16	NS	NS	NS	NS
MW-4	10/13/16	NS	NS	NS	NS
MW-4	06/09/17	NS	NS	NS	NS
MW-4	11/12/17	<1.0	<1.0	<1.0	<10
MW-4	05/16/18	NS	NS	NS	NS
MW-4	10/26/18	NS	NS	NS	NS
MW-4	05/22/19	NS	NS	NS	NS
MW-4	11/12/19	NS	NS	NS	NS
MW-4	05/17/20	<1.0	<1.0	<1.0	<10

TABLE-1 GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	11/13/20	<1.0	<1.0	<1.0	<10
MW-5	08/30/00	130	180	56	650
MW-5	06/18/01	170	300	68	630
MW-5	09/04/01	NS	NS	NS	NS
MW-5	06/04/02	43	87	31	360
MW-5	09/10/02	NS	NS	NS	NS
MW-5	12/12/02	NS	NS	NS	NS
MW-5	03/14/03	NS	NS	NS	NS
MW-5	06/18/03	NS	NS	NS	NS
MW-5	09/16/03	NS	NS	NS	NS
MW-5	12/17/03	NS	NS	NS	NS
MW-5	03/16/04	NS	NS	NS	NS
MW-5	06/22/04	NS	NS	NS	NS
MW-5	09/22/04	NS	NS	NS	NS
MW-5	12/21/04	NS	NS	NS	NS
MW-5	03/23/05	NS	NS	NS	NS
MW-5	06/17/05	NS	NS	NS	NS
MW-5	09/20/05	NS	NS	NS	NS
MW-5	12/14/05	NS	NS	NS	NS
MW-5	03/27/06	NS	NS	NS	NS
MW-5	06/06/06	NS	NS	NS	NS
MW-5	09/25/06	NS	NS	NS	NS
MW-5	12/07/06	NS	NS	NS	NS
MW-5	03/28/07	NS	NS	NS	NS
MW-5	06/18/07	NS	NS	NS	NS
MW-5	09/17/07	NS	NS	NS	NS
MW-5	12/17/07	NS	NS	NS	NS
MW-5	03/10/08	NS	NS	NS	NS
MW-5	06/17/08	NS	NS	NS	NS
MW-5	09/10/08	NS	NS	NS	NS
MW-5	12/02/08	NS	NS	NS	NS
MW-5	03/05/09	1.9	9.8	44	120
MW-5	06/02/09	NS	NS	NS	NS
MW-5	08/28/09	NS	NS	NS	NS
MW-5	11/04/09	NS	NS	NS	NS
MW-5	02/17/10	1.7	2.6	2.7	19.2
MW-5	05/24/10	NS	NS	NS	NS
MW-5	09/24/10	NS	NS	NS	NS
MW-5	11/02/10	NS	NS	NS	NS

TABLE-1 GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	02/07/11	11.9	920	177	1870
MW-5	05/02/11	NS	NS	NS	NS
MW-5	09/23/11	NS	NS	NS	NS
MW-5	11/01/11	NS	NS	NS	NS
MW-5	02/21/12	2.7	1.7	5.2	85.5
MW-5	05/14/12	NS	NS	NS	NS
MW-5	06/09/13	<0.14	<0.30	0.31 J	0.79 J
MW-5	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-5	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-5	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-5	10/23/14	<0.38	0.96 J	<0.50	1.9 J
MW-5	05/30/15	<1.0	<5.0	<1.0	2.1 J
MW-5	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-5	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-5	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-5	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-5	11/12/17	<1.0	<1.0	<1.0	<10
MW-5	05/16/18	<1.0	<1.0	<1.0	<10
MW-5	10/26/18	<1.0	<1.0	<1.0	<10
MW-5	05/22/19	<1.0	<1.0	<1.0	<10
MW-5	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-5	05/17/20	<1.0	<1.0	<1.0	<10
MW-5	11/13/20	<1.0	<1.0	<1.0	<10
MW-6	12/07/06	NS	NS	NS	NS
MW-6	03/28/07	<1	<1	<1	<2
MW-6	06/18/07	NS	NS	NS	NS
MW-6	09/17/07	NS	NS	NS	NS
MW-6	12/17/07	NS	NS	NS	NS
MW-6	03/10/08	9.4	<1	0.5 J	139
MW-6	03/05/09	<1	<1	<1	<2
MW-6	06/02/09	NS	NS	NS	NS
MW-6	08/28/09	NS	NS	NS	NS
MW-6	11/04/09	NS	NS	NS	NS
MW-6	05/24/10	NS	NS	NS	NS
MW-6	09/24/10	NS	NS	NS	NS
MW-6	11/02/10	NS	NS	NS	NS
MW-6	02/07/11	<1	<1	<1	<2
MW-6	05/02/11	NS	NS	NS	NS
MW-6	09/23/11	NS	NS	NS	NS

TABLE-1 GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	11/01/11	NS	NS	NS	NS
MW-6	02/21/12	<1	<1	<1	<2
MW-6	05/14/12	NS	NS	NS	NS
MW-6	06/09/13	<0.14	<0.30	<0.20	<0.23
MW-6	09/09/13	<0.14	<0.30	<0.20	<0.23
MW-6	12/12/13	<0.20	<0.38	<0.20	<0.65
MW-6	10/23/14	<0.38	<0.70	<0.50	<1.6
MW-6	04/02/14	<0.20	<0.38	<0.20	<0.65
MW-6	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-6	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-6	04/16/16	NS	NS	NS	NS
MW-6	10/13/16	NS	NS	NS	NS
MW-6	06/09/17	NS	NS	NS	NS
MW-6	11/12/17	<1.0	<1.0	<1.0	<10
MW-6	05/16/18	NS	NS	NS	NS
MW-6	10/26/18	NS	NS	NS	NS
MW-6	05/22/19	NS	NS	NS	NS
MW-6	11/12/19	NS	NS	NS	NS
MW-6	05/17/20	<1.0	<1.0	<1.0	<10
MW-6	11/13/20	NS	NS	NS	NS
MW-7	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-7	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-7	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-7	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-7	11/12/17	<1.0	<1.0	<1.0	<10
MW-7	05/16/18	<1.0	<1.0	<1.0	<10
MW-7	10/26/18	<1.0	<1.0	<1.0	<10
MW-7	05/22/19	<1.0	<1.0	<1.0	<10
MW-7	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-7	05/17/20	<1.0	<1.0	<1.0	<10
MW-7	11/13/20	<1.0	<1.0	<1.0	<10
MW-8	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-8	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-8	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-8	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-8	11/12/17	<1.0	<1.0	<1.0	<10
MW-8	05/16/18	<1.0	<1.0	<1.0	<10
MW-8	10/26/18	<1.0	<1.0	<1.0	<10

TABLE-1 GROUNDWATER ANALYTICAL RESULTS

Johnston Fed #6A					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-8	05/22/19	<1.0	<1.0	<1.0	<10
MW-8	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-8	05/17/20	<1.0	<1.0	<1.0	<10
MW-8	11/13/20	<1.0	<1.0	<1.0	<10
MW-9	11/19/15	<1.0	<1.0	<1.0	<3.0
MW-9	04/16/16	<1.0	<5.0	<1.0	<5.0
MW-9	10/13/16	<1.0	<5.0	<1.0	<5.0
MW-9	06/09/17	<1.0	<5.0	<1.0	<5.0
MW-9	11/12/17	<1.0	<1.0	<1.0	<10
MW-9	05/16/18	<1.0	<1.0	<1.0	<10
MW-9	10/26/18	<1.0	<1.0	<1.0	<10
MW-9	05/22/19	<1.0	<1.0	<1.0	<10
MW-9	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-9	05/17/20	<1.0	<1.0	<1.0	<10
MW-9	11/13/20	<1.0	<1.0	<1.0	<10
MW-10	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-10	05/17/20	<1.0	<1.0	<1.0	<10
MW-10	11/13/20	NS	NS	NS	NS
MW-11	11/12/19	<1.0	<1.0	<1.0	<2.0
MW-11	05/17/20	<1.0	<1.0	<1.0	<10
MW-11	11/13/20	NS	NS	NS	NS

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
Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.
"J" = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.
"<" = analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).
*Field Duplicate results presented immediately below primary sample result

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	08/10/95	6001.88	NR	37.24		5964.64
MW-1	12/13/95	6001.88	NR	37.35		5964.53
MW-1	04/11/96	6001.88	NR	37.48		5964.40
MW-1	07/23/96	6001.88	NR	37.55		5964.33
MW-1	10/14/96	6001.88	37.07	37.22	0.15	5964.78
MW-1	01/22/97	6001.88	37.43	38.26	0.83	5964.25
MW-1	04/11/97	6001.88	37.20	38.31	1.11	5964.41
MW-1	06/18/01	6001.88	37.34	38.21	0.87	5964.33
MW-1	09/04/01	6001.88	37.54	38.27	0.73	5964.16
MW-1	03/04/02	6001.88	37.74	38.35	0.61	5963.99
MW-1	06/04/02	6001.88	37.81	38.14	0.33	5963.99
MW-1	09/10/02	6001.88	38.00	38.24	0.23	5963.83
MW-1	12/12/02	6001.88	38.01	38.11	0.10	5963.85
MW-1	03/14/03	6001.88	37.95	38.08	0.13	5963.90
MW-1	06/18/03	6001.88	37.88	38.47	0.59	5963.86
MW-1	09/16/03	6001.88	38.17	38.25	0.08	5963.69
MW-1	12/17/03	6001.88	38.13	38.23	0.10	5963.73
MW-1	03/16/04	6001.88	37.90	38.57	0.67	5963.82
MW-1	06/22/04	6001.88	37.90	38.65	0.75	5963.80
MW-1	09/22/04	6001.88	38.21	38.60	0.39	5963.58
MW-1	12/21/04	6001.88	38.20	38.38	0.18	5963.64
MW-1	03/23/05	6001.88	37.95	38.50	0.55	5963.80
MW-1	06/17/05	6001.88	38.13	38.62	0.49	5963.63
MW-1	09/20/05	6001.88	38.40	38.83	0.43	5963.38
MW-1	12/14/05	6001.88	38.31	38.72	0.41	5963.47
MW-1	03/25/06	6001.88	38.15	38.66	0.51	5963.61
MW-1	03/27/06	6001.88	38.05	38.62	0.57	5963.69
MW-1	06/06/06	6001.88	38.29	38.84	0.55	5963.46
MW-1	09/25/06	6001.88	38.51	39.01	0.50	5963.25
MW-1	12/07/06	6001.88	ND	38.33		5963.55
MW-1	03/28/07	6001.88	38.02	38.09	0.07	5963.85
MW-1	06/18/07	6001.88	38.09	38.86	0.77	5963.60
MW-1	09/17/07	6001.88	38.40	39.32	0.92	5963.25
MW-1	12/17/07	6001.88	38.42	39.13	0.71	5963.29
MW-1	03/10/08	6001.88	37.90	38.24	0.34	5963.90
MW-1	06/17/08	6001.88	37.38	37.71	0.33	5964.42
MW-1	09/10/08	6001.88	37.41	37.72	0.31	5964.40
MW-1	12/02/08	6001.88	37.51	37.89	0.38	5964.28
MW-1	03/05/09	6001.88	37.20	37.63	0.43	5964.58
MW-1	06/02/09	6001.88	37.49	37.83	0.34	5964.31
MW-1	08/28/09	6001.88	37.65	37.99	0.34	5964.15

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	11/04/09	6001.88	ND	37.77		5964.11
MW-1	02/17/10	6001.88	37.60	38.11	0.51	5964.16
MW-1	05/24/10	6001.88	37.81	38.27	0.46	5963.96
MW-1	09/24/10	6001.88	38.05	38.46	0.41	5963.73
MW-1	11/02/10	6001.88	38.16	38.55	0.39	5963.63
MW-1	02/07/11	6001.88	37.93	38.37	0.44	5963.84
MW-1	05/02/11	6001.88	ND	38.57		5963.31
MW-1	09/23/11	6001.88	38.32	38.75	0.43	5963.46
MW-1	11/01/11	6001.88	ND	38.80		5963.08
MW-1	02/21/12	6001.88	38.21	38.65	0.44	5963.56
MW-1	05/14/12	6001.88	38.36	38.84	0.48	5963.40
MW-1	06/09/13	6001.88	38.41	39.22	0.81	5963.27
MW-1	09/09/13	6001.88	38.60	39.21	0.61	5963.13
MW-1	12/12/13	6001.88	38.65	39.01	0.36	5963.14
MW-1	04/02/14	6001.88	38.61	38.94	0.33	5963.19
MW-1	10/23/14	6001.88	38.82	39.03	0.21	5963.01
MW-1	05/30/15	6001.88	38.86	39.04	0.18	5962.98
MW-1	11/19/15	6001.88	38.58	38.70	0.12	5963.27
MW-1	04/16/16	6001.88	38.40	38.49	0.09	5963.46
MW-1	10/13/16	6001.88	38.60	38.61	0.01	5963.28
MW-1	11/29/16	6001.88	38.61	38.65	0.04	5963.26
MW-1	06/09/17	6001.88	38.47	38.51	0.04	5963.40
MW-1	07/15/17	6001.88	38.54	38.58	0.04	5963.33
MW-1	09/23/17	6001.88	ND	38.62		5963.26
MW-1	11/12/17	6001.88	ND	38.69		5963.19
MW-1	05/16/18	6001.88	ND	38.68		5963.20
MW-1	10/26/18	6001.88	ND	38.87		5963.01
MW-1	05/22/19	6001.88	ND	38.90		5962.98
MW-1	11/12/19	6001.88	39.01	39.02	0.01	5962.87
MW-1	05/17/20	6001.88	39.01	39.02	0.01	5962.87
MW-1	08/19/20	6001.88	39.08	39.08	<0.01	5962.80
MW-1	11/13/20	6001.88	ND	39.10		5962.78
MW-2	12/13/95	6001.82	NR	37.39		5964.43
MW-2	04/11/96	6001.82	NR	37.47		5964.35
MW-2	07/23/96	6001.82	NR	37.60		5964.22
MW-2	10/14/96	6001.82	NR	37.70		5964.12
MW-2	01/22/97	6001.82	NR	37.66		5964.16
MW-2	04/11/97	6001.82	NR	37.58		5964.24
MW-2	10/09/00	6001.82	NR	37.56		5964.26
MW-2	06/18/01	6001.82	NR	37.58		5964.24

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	09/04/01	6001.82	NR	37.75		5964.07
MW-2	06/03/02	6001.82	NR	37.88		5963.94
MW-2	09/10/02	6001.82	NR	38.02		5963.80
MW-2	12/12/02	6001.82	NR	38.01		5963.81
MW-2	03/14/03	6001.82	ND	37.97		5963.85
MW-2	06/18/03	6001.82	ND	38.01		5963.81
MW-2	09/16/03	6001.82	ND	38.18		5963.64
MW-2	12/17/03	6001.82	ND	38.13		5963.69
MW-2	03/16/04	6001.82	ND	38.04		5963.78
MW-2	06/22/04	6001.82	ND	38.05		5963.77
MW-2	09/22/04	6001.82	ND	38.26		5963.56
MW-2	12/21/04	6001.82	ND	38.20		5963.62
MW-2	03/23/05	6001.82	ND	38.07		5963.75
MW-2	06/17/05	6001.82	ND	38.07		5963.75
MW-2	09/20/05	6001.82	ND	38.33		5963.49
MW-2	12/14/05	6001.82	ND	38.24		5963.58
MW-2	03/27/06	6001.82	ND	38.16		5963.66
MW-2	06/06/06	6001.82	ND	38.22		5963.60
MW-2	09/25/06	6001.82	ND	38.42		5963.40
MW-2	12/07/06	6001.82	ND	38.35		5963.47
MW-2	03/28/07	6001.82	ND	38.13		5963.69
MW-2	06/18/07	6001.82	ND	38.14		5963.68
MW-2	09/17/07	6001.82	ND	38.35		5963.47
MW-2	12/17/07	6001.82	ND	38.33		5963.49
MW-2	03/10/08	6001.82	ND	37.80		5964.02
MW-2	06/17/08	6001.82	ND	37.41		5964.41
MW-2	09/10/08	6001.82	ND	37.40		5964.42
MW-2	12/02/08	6001.82	ND	37.39		5964.43
MW-2	03/05/09	6001.82	ND	37.38		5964.44
MW-2	06/02/09	6001.82	ND	37.40		5964.42
MW-2	08/28/09	6001.82	ND	37.60		5964.22
MW-2	11/04/09	6001.82	ND	37.73		5964.09
MW-2	02/17/10	6001.82	ND	37.76		5964.06
MW-2	05/24/10	6001.82	ND	37.77		5964.05
MW-2	09/24/10	6001.82	ND	37.97		5963.85
MW-2	11/02/10	6001.82	ND	38.01		5963.81
MW-2	02/07/11	6001.82	ND	38.05		5963.77
MW-2	05/02/11	6001.82	ND	38.09		5963.73
MW-2	09/23/11	6001.82	38.23	38.25	0.02	5963.59
MW-2	11/01/11	6001.82	ND	38.26		5963.56
MW-2	02/21/12	6001.82	ND	38.31		5963.51

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	05/14/12	6001.82	ND	38.36		5963.46
MW-2	06/09/13	6001.82	ND	38.56		5963.26
MW-2	09/09/13	6001.82	ND	38.68		5963.14
MW-2	12/12/13	6001.82	ND	38.67		5963.15
MW-2	04/02/14	6001.82	ND	38.63		5963.19
MW-2	10/23/14	6001.82	ND	38.79		5963.03
MW-2	05/30/15	6001.82	ND	38.82		5963.00
MW-2	11/19/15	6001.82	ND	38.56		5963.26
MW-2	04/16/16	6001.82	ND	38.39		5963.43
MW-2	10/13/16	6001.82	ND	38.58		5963.24
MW-2	06/09/17	6001.82	ND	38.44		5963.38
MW-2	11/12/17	6001.82	ND	38.65		5963.17
MW-2	05/16/18	6001.82	ND	38.83		5962.99
MW-2	10/26/18	6001.82	ND	38.81		5963.01
MW-2	05/22/19	6001.82	ND	38.82		5963.00
MW-2	11/12/19	6001.82	ND	38.95		5962.87
MW-2	05/17/20	6001.82	ND	38.94		5962.88
MW-2	11/13/20	6001.82	ND	39.02		5962.80
MW-3	12/13/95	6001.21	NR	37.11		5964.10
MW-3	04/11/96	6001.21	NR	37.17		5964.04
MW-3	07/25/96	6001.21	NR	37.30		5963.91
MW-3	10/14/96	6001.21	NR	37.40		5963.81
MW-3	01/22/97	6001.21	NR	37.35		5963.86
MW-3	04/11/97	6001.21	NR	37.29		5963.92
MW-3	06/18/01	6001.21	NR	37.26		5963.95
MW-3	09/04/01	6001.21	NR	37.42		5963.79
MW-3	06/03/02	6001.21	NR	37.55		5963.66
MW-3	12/12/02	6001.21	NR	37.70		5963.51
MW-3	03/14/03	6001.21	ND	37.66		5963.55
MW-3	06/18/03	6001.21	37.63	37.87	0.24	5963.52
MW-3	09/16/03	6001.21	37.87	37.89	0.02	5963.34
MW-3	12/17/03	6001.21	ND	37.80		5963.41
MW-3	03/16/04	6001.21	37.72	37.85	0.13	5963.46
MW-3	06/22/04	6001.21	37.72	37.88	0.16	5963.45
MW-3	09/22/04	6001.21	37.96	38.07	0.11	5963.23
MW-3	12/21/04	6001.21	37.93	37.96	0.03	5963.28
MW-3	03/23/05	6001.21	37.80	37.88	0.08	5963.39
MW-3	06/17/05	6001.21	ND	37.92		5963.29
MW-3	09/20/05	6001.21	ND	38.16		5963.05
MW-3	12/14/05	6001.21	ND	38.09		5963.12

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	03/25/06	6001.21	ND	38.09		5963.12
MW-3	03/27/06	6001.21	ND	37.88		5963.33
MW-3	06/06/06	6001.21	ND	37.98		5963.23
MW-3	09/25/06	6001.21	ND	38.16		5963.05
MW-3	12/07/06	6001.21	ND	38.06		5963.15
MW-3	03/28/07	6001.21	ND	37.87		5963.34
MW-3	06/18/07	6001.21	ND	37.86		5963.35
MW-3	09/17/07	6001.21	ND	38.10		5963.11
MW-3	12/17/07	6001.21	ND	38.09		5963.12
MW-3	03/10/08	6001.21	ND	37.80		5963.41
MW-3	06/17/08	6001.21	ND	37.10		5964.11
MW-3	09/10/08	6001.21	ND	37.13		5964.08
MW-3	12/02/08	6001.21	ND	37.14		5964.07
MW-3	03/05/09	6001.21	ND	37.14		5964.07
MW-3	06/02/09	6001.21	ND	37.12		5964.09
MW-3	08/28/09	6001.21	ND	37.40		5963.81
MW-3	11/04/09	6001.21	ND	37.52		5963.69
MW-3	02/17/10	6001.21	ND	37.53		5963.68
MW-3	05/24/10	6001.21	ND	37.53		5963.68
MW-3	09/24/10	6001.21	ND	37.72		5963.49
MW-3	11/02/10	6001.21	ND	37.79		5963.42
MW-3	02/07/11	6001.21	ND	37.83		5963.38
MW-3	05/02/11	6001.21	ND	38.86		5962.35
MW-3	09/23/11	6001.21	ND	38.02		5963.19
MW-3	11/01/11	6001.21	ND	38.06		5963.15
MW-3	02/21/12	6001.21	ND	38.11		5963.10
MW-3	05/14/12	6001.21	ND	38.15		5963.06
MW-3	06/09/13	6001.21	ND	38.32		5962.89
MW-3	09/09/13	6001.21	ND	38.48		5962.73
MW-3	12/12/13	6001.21	ND	38.45		5962.76
MW-3	04/02/14	6001.21	ND	38.42		5962.79
MW-3	10/23/14	6001.21	ND	38.57		5962.64
MW-3	05/30/15	6001.21	ND	38.60		5962.61
MW-3	11/19/15	6001.21	ND	38.31		5962.90
MW-3	04/16/16	6001.21	ND	38.15		5963.06
MW-3	10/13/16	6001.21	ND	38.36		5962.85
MW-3	06/09/17	6001.21	ND	38.23		5962.98
MW-3	11/12/17	6001.21	ND	38.44		5962.77
MW-3	05/16/18	6001.21	ND	38.45		5962.76
MW-3	10/26/18	6001.21	ND	38.63		5962.58
MW-3	05/22/19	6001.21	ND	38.66		5962.55

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	11/12/19	6001.21	ND	38.76		5962.45
MW-3	05/17/20	6001.21	ND	38.78		5962.43
MW-3	11/13/20	6001.21	ND	38.88		5962.33
MW-4	12/13/95	6001.26	NR	37.34		5963.92
MW-4	04/11/96	6001.26	NR	37.42		5963.84
MW-4	07/25/96	6001.26	NR	37.54		5963.72
MW-4	10/14/96	6001.26	NR	37.64		5963.62
MW-4	01/22/97	6001.26	NR	37.60		5963.66
MW-4	04/11/97	6001.26	NR	37.47		5963.79
MW-4	10/09/00	6001.26	NR	37.56		5963.70
MW-4	06/18/01	6001.26	NR	37.53		5963.73
MW-4	09/04/01	6001.26	NR	37.66		5963.60
MW-4	06/03/02	6001.26	NR	37.80		5963.46
MW-4	09/10/02	6001.26	NR	37.95		5963.32
MW-4	12/12/02	6001.26	NR	38.95		5962.31
MW-4	03/14/03	6001.26	ND	37.91		5963.36
MW-4	06/18/03	6001.26	ND	37.95		5963.31
MW-4	09/16/03	6001.26	ND	38.17		5963.09
MW-4	12/17/03	6001.26	ND	38.06		5963.20
MW-4	03/16/04	6001.26	ND	38.00		5963.26
MW-4	06/22/04	6001.26	ND	38.04		5963.22
MW-4	09/22/04	6001.26	ND	38.27		5962.99
MW-4	12/21/04	6001.26	ND	38.23		5963.03
MW-4	03/23/05	6001.26	ND	38.11		5963.15
MW-4	06/17/05	6001.26	ND	38.08		5963.18
MW-4	09/20/05	6001.26	ND	38.35		5962.91
MW-4	12/14/05	6001.26	ND	38.24		5963.02
MW-4	03/27/06	6001.26	ND	38.16		5963.10
MW-4	06/06/06	6001.26	ND	38.24		5963.02
MW-4	09/25/06	6001.26	ND	38.45		5962.81
MW-4	12/07/06	6001.26	ND	38.34		5962.92
MW-4	03/28/07	6001.26	ND	38.16		5963.10
MW-4	06/18/07	6001.26	ND	38.14		5963.12
MW-4	09/17/07	6001.26	ND	38.37		5962.89
MW-4	12/17/07	6001.26	ND	38.36		5962.90
MW-4	03/10/08	6001.26	ND	38.05		5963.21
MW-4	06/17/08	6001.26	ND	37.35		5963.91
MW-4	09/10/08	6001.26	ND	37.43		5963.83
MW-4	12/02/08	6001.26	ND	37.40		5963.86
MW-4	03/05/09	6001.26	ND	37.40		5963.86

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	06/02/09	6001.26	ND	37.43		5963.83
MW-4	08/28/09	6001.26	ND	37.64		5963.62
MW-4	11/04/09	6001.26	ND	37.76		5963.50
MW-4	02/17/10	6001.26	ND	37.80		5963.46
MW-4	05/24/10	6001.26	ND	37.80		5963.46
MW-4	09/24/10	6001.26	ND	38.03		5963.23
MW-4	11/02/10	6001.26	ND	38.05		5963.21
MW-4	02/07/11	6001.26	ND	38.08		5963.18
MW-4	05/02/11	6001.26	ND	38.15		5963.11
MW-4	09/23/11	6001.26	ND	38.30		5962.96
MW-4	11/01/11	6001.26	ND	38.32		5962.94
MW-4	02/21/12	6001.26	ND	38.37		5962.89
MW-4	05/14/12	6001.26	ND	38.40		5962.86
MW-4	06/09/13	6001.26	ND	38.62		5962.64
MW-4	09/09/13	6001.26	ND	38.79		5962.47
MW-4	12/12/13	6001.26	ND	38.77		5962.49
MW-4	04/02/14	6001.26	ND	38.74		5962.52
MW-4	10/23/14	6001.26	ND	38.94		5962.32
MW-4	05/30/15	6001.26	ND	38.61		5962.65
MW-4	11/19/15	6001.26	ND	38.62		5962.64
MW-4	04/16/16	6001.26	ND	38.46		5962.80
MW-4	10/13/16	6001.26	ND	38.67		5962.59
MW-4	06/09/17	6001.26	ND	38.52		5962.74
MW-4	11/12/17	6001.26	ND	38.75		5962.51
MW-4	05/16/18	6001.26	ND	38.77		5962.49
MW-4	10/26/18	6001.26	ND	39.01		5962.25
MW-4	05/22/19	6001.26	ND	39.06		5962.20
MW-4	11/12/19	6001.26	ND	39.20		5962.06
MW-4	05/17/20	6001.26	ND	39.25		5962.01
MW-4	11/13/20	6001.26	ND	39.43		5961.83
MW-5	08/30/00	6001.96	NR	38.11		5963.85
MW-5	06/18/01	6001.96	NR	38.13		5963.83
MW-5	09/04/01	6001.96	NR	38.33		5963.63
MW-5	06/04/02	6001.96	NR	38.51		5963.45
MW-5	09/10/02	6001.96	NR	39.13		5962.84
MW-5	12/12/02	6001.96	NR	38.83		5963.13
MW-5	03/14/03	6001.96	ND	38.70		5963.26
MW-5	06/18/03	6001.96	ND	38.85		5963.11
MW-5	09/16/03	6001.96	ND	38.88		5963.08
MW-5	12/17/03	6001.96	ND	38.75		5963.21

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	03/16/04	6001.96	ND	38.72		5963.24
MW-5	06/22/04	6001.96	ND	38.74		5963.22
MW-5	09/22/04	6001.96	ND	38.74		5963.22
MW-5	12/21/04	6001.96	ND	38.93		5963.03
MW-5	03/23/05	6001.96	ND	38.72		5963.24
MW-5	06/17/05	6001.96	ND	38.72		5963.24
MW-5	09/20/05	6001.96	ND	39.06		5962.90
MW-5	12/14/05	6001.96	ND	38.94		5963.02
MW-5	03/27/06	6001.96	ND	38.86		5963.10
MW-5	06/06/06	6001.96	ND	38.97		5962.99
MW-5	09/25/06	6001.96	ND	37.20		5964.76
MW-5	12/07/06	6001.96	ND	39.07		5962.89
MW-5	03/28/07	6001.96	ND	38.83		5963.13
MW-5	06/18/07	6001.96	ND	38.84		5963.12
MW-5	09/17/07	6001.96	ND	39.09		5962.87
MW-5	12/17/07	6001.96	ND	39.04		5962.92
MW-5	03/10/08	6001.96	ND	38.48		5963.48
MW-5	06/17/08	6001.96	ND	37.83		5964.13
MW-5	09/10/08	6001.96	ND	37.91		5964.05
MW-5	12/02/08	6001.96	ND	37.95		5964.01
MW-5	03/05/09	6001.96	ND	37.93		5964.03
MW-5	06/02/09	6001.96	ND	37.95		5964.01
MW-5	08/28/09	6001.96	ND	38.19		5963.77
MW-5	11/04/09	6001.96	ND	38.32		5963.64
MW-5	02/17/10	6001.96	ND	38.38		5963.58
MW-5	05/24/10	6001.96	ND	38.35		5963.61
MW-5	09/24/10	6001.96	ND	38.61		5963.35
MW-5	11/02/10	6001.96	ND	38.66		5963.30
MW-5	02/07/11	6001.96	ND	38.74		5963.22
MW-5	05/02/11	6001.96	ND	38.81		5963.15
MW-5	09/23/11	6001.96	ND	38.99		5962.97
MW-5	11/01/11	6001.96	ND	39.09		5962.87
MW-5	02/21/12	6001.96	ND	39.09		5962.87
MW-5	05/14/12	6001.96	ND	39.16		5962.80
MW-5	06/09/13	6001.96	ND	39.38		5962.58
MW-5	09/09/13	6001.96	ND	39.56		5962.40
MW-5	12/12/13	6001.96	ND	39.55		5962.41
MW-5	04/02/14	6001.96	ND	39.52		5962.44
MW-5	10/23/14	6001.96	ND	39.71		5962.25
MW-5	05/30/15	6001.96	ND	39.73		5962.23
MW-5	11/19/15	6001.96	ND	39.33		5962.63

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	04/16/16	6001.96	ND	39.19		5962.77
MW-5	10/13/16	6001.96	ND	39.34		5962.62
MW-5	06/09/17	6001.96	ND	39.27		5962.69
MW-5	11/12/17	6001.96	ND	39.52		5962.44
MW-5	05/16/18	6001.96	ND	39.50		5962.46
MW-5	10/26/18	6001.96	ND	39.79		5962.17
MW-5	05/22/19	6001.96	ND	39.83		5962.13
MW-5	11/12/19	6001.96	ND	39.97		5961.99
MW-5	05/17/20	6001.96	ND	40.02		5961.94
MW-5	11/13/20	6001.96	ND	40.18		5961.78
MW-6	12/07/06	6001.33	ND	39.62		5961.71
MW-6	03/28/07	6001.33	ND	39.43		5961.90
MW-6	06/18/07	6001.33	ND	39.43		5961.90
MW-6	09/17/07	6001.33	ND	39.43		5961.90
MW-6	12/17/07	6001.33	ND	38.65		5962.68
MW-6	03/10/08	6001.33	ND	39.21		5962.12
MW-6	03/05/09	6001.33	ND	37.61		5963.72
MW-6	06/02/09	6001.33	ND	37.46		5963.87
MW-6	08/28/09	6001.33	ND	37.89		5963.44
MW-6	11/04/09	6001.33	ND	38.03		5963.30
MW-6	05/24/10	6001.33	ND	38.07		5963.26
MW-6	09/24/10	6001.33	ND	38.30		5963.03
MW-6	11/02/10	6001.33	ND	38.36		5962.97
MW-6	02/07/11	6001.33	ND	38.39		5962.94
MW-6	05/02/11	6001.33	ND	36.42		5964.91
MW-6	09/23/11	6001.33	ND	38.65		5962.68
MW-6	11/01/11	6001.33	ND	38.70		5962.63
MW-6	02/21/12	6001.33	ND	38.75		5962.58
MW-6	05/14/12	6001.33	ND	38.79		5962.54
MW-6	06/09/13	6001.33	ND	39.08		5962.25
MW-6	09/09/13	6001.33	ND	39.28		5962.05
MW-6	12/12/13	6001.33	ND	39.26		5962.07
MW-6	10/23/14	6001.33	ND	39.43		5961.90
MW-6	04/02/14	6001.33	ND	39.24		5962.09
MW-6	05/30/15	6001.33	ND	39.45		5961.88
MW-6	11/19/15	6001.33	ND	39.02		5962.31
MW-6	04/16/16	6001.33	ND	38.92		5962.41
MW-6	10/13/16	6001.33	ND	39.00		5962.33
MW-6	06/09/17	6001.33	ND	39.16		5962.17
MW-6	11/12/17	6001.33	ND	39.23		5962.10

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	05/16/18	6001.33	ND	39.26		5962.07
MW-6	10/26/18	6001.33	ND	39.53		5961.80
MW-6	05/22/19	6001.33	ND	39.58		5961.75
MW-6	11/12/19	6001.33	ND	39.73		5961.60
MW-6	05/17/20	6001.33	ND	39.78		5961.55
MW-6	11/13/20	6001.33	ND	39.96		5961.37
MW-7	11/19/15	6001.26	ND	37.80		5963.46
MW-7	04/16/16	6001.26	ND	37.63		5963.63
MW-7	10/13/16	6001.26	ND	37.83		5963.43
MW-7	06/09/17	6001.26	ND	37.69		5963.57
MW-7	11/12/17	6001.26	ND	37.90		5963.36
MW-7	05/16/18	6001.26	ND	37.88		5963.38
MW-7	10/26/18	6001.26	ND	38.07		5963.19
MW-7	05/22/19	6001.26	ND	38.08		5963.18
MW-7	11/12/19	6001.26	ND	38.17		5963.09
MW-7	05/17/20	6001.26	ND	38.22		5963.04
MW-7	11/13/20	6001.26	ND	38.29		5962.97
MW-8	11/19/15	6001.06	ND	37.71		5963.35
MW-8	04/16/16	6001.06	ND	37.55		5963.51
MW-8	10/13/16	6001.06	ND	37.81		5963.25
MW-8	06/09/17	6001.06	ND	37.63		5963.43
MW-8	11/12/17	6001.06	ND	37.89		5963.17
MW-8	05/16/18	6001.06	ND	37.88		5963.18
MW-8	10/26/18	6001.06	ND	38.11		5962.95
MW-8	05/22/19	6001.06	ND	38.13		5962.93
MW-8	11/12/19	6001.06	ND	38.25		5962.81
MW-8	05/17/20	6001.06	ND	38.29		5962.77
MW-8	11/13/20	6001.06	ND	38.41		5962.65
MW-9	11/19/15	6001.39	ND	38.35		5963.04
MW-9	04/16/16	6001.39	ND	38.20		5963.19
MW-9	10/13/16	6001.39	ND	38.46		5962.93
MW-9	06/09/17	6001.39	ND	38.29		5963.10
MW-9	11/12/17	6001.39	ND	38.54		5962.85
MW-9	05/16/18	6001.39	ND	38.50		5962.89
MW-9	10/26/18	6001.39	ND	38.77		5962.62
MW-9	05/22/19	6001.39	ND	38.81		5962.58
MW-9	11/12/19	6001.39	ND	38.96		5962.43
MW-9	05/17/20	6001.39	ND	38.97		5962.42

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Johnston Fed #6A						
Location	**Date**	**TOC**	**Depth to LNAPL (ft.)**	**Depth to Water (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-9	11/13/20	6001.39	ND	39.11		5962.28
MW-10	11/12/19	6001.39	ND	39.01		5962.38
MW-10	05/17/20	6001.39	ND	39.04		5962.35
MW-10	11/13/20	6001.39	ND	39.20		5962.19
MW-11	11/12/19	5999.84	ND	36.42		5963.42
MW-11	05/17/20	5999.84	ND	36.41		5963.43
MW-11	11/13/20	5999.84	ND	36.45		5963.39

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)

Table 3
Free Product Recovery Summary
Johnston Federal #6A

Well ID - MW-1	Depth to Product (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	Product Recovered (gal)	Water Recovered (gal)	Recovery Type
Date						
4/13/2016	38.40	38.49	0.09	0.01	<0.01	Manual
5/25/2016	38.41	38.51	0.10	0.02	<0.01	Manual
6/20/2016	NM	NM	0.02	0.01	<0.01	Manual
10/16/2016	38.60	38.61	0.01	<0.01	0.01	Manual
11/15/2016	38.59	38.60	0.01	<0.01	0.01	Manual
11/29/2016	38.61	38.65	0.04	4.38	168	Mobile DPE*
12/13/2016	38.60	38.61	0.01	<0.01	<0.01	Manual
6/11/2017	38.47	38.51	0.04	<0.01	<0.01	Manual
7/15/2017	38.54	38.58	0.04	<0.01	0.01	Manual
9/23/2017	ND	38.62	ND	20.2	590	Mobile DPE*
11/14/2019	39.01	39.02	0.01	<0.01	0.11	Manual
5/14/2020	39.01	39.02	0.01	<0.01	0.01	Manual
8/19/2020	39.08	39.08	<0.01	<0.01	0.25	Manual
			Total:	24.6	758.4	

Notes:

NM - Not Measured. Measured thickness was obtained by measuring the thickness within a bailer.

ND = Not Detected.

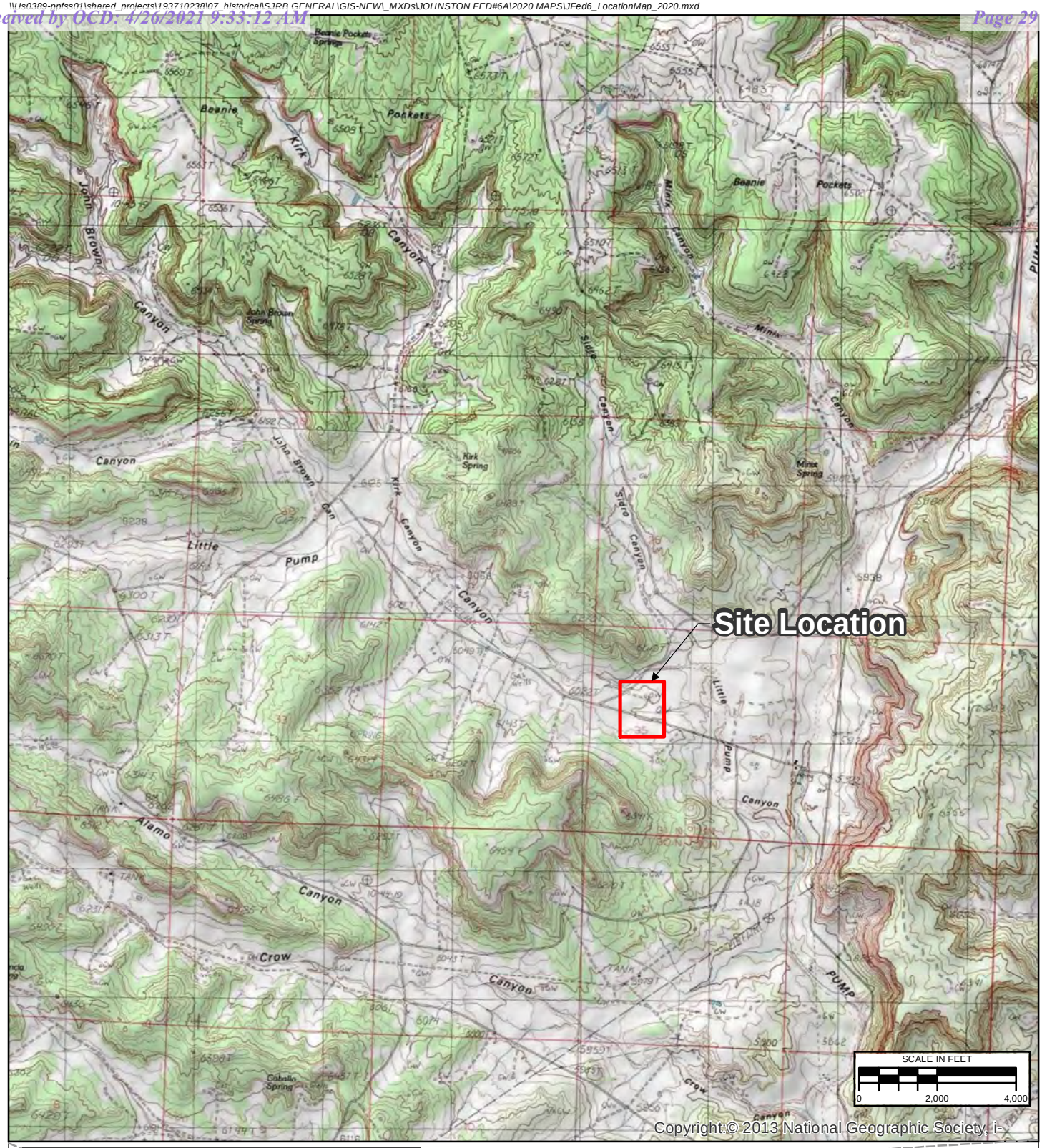
* = Includes calculated recovered hydrocarbon vapors.

gal = gallons

Product recovery data for 2015 and previous years documented in previously-submitted reports.

FIGURES

Received by OCD: 4/26/2021 9:33:12 AM



N

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/17/2021	SAH	SAH	SRV

TITLE

SITE LOCATION

Stantec

PROJECT

JOHNSTON FEDERAL 6A
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

FIGURE

1

Released to Imaging: 12/29/2021 5:07:46 PM

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UNDERGROUND ELECTRIC BOX

ELECTRIC VAULT

6003

6002

6001

6000

5999

OVHD

SMA BENCHMARK
ELEV. 5999.94'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

PUMPJACK

TANK

SPILL TANK

FORMER 300 BBL TANKS

JOHNSTON FED #6A WELLHEAD

MW-6

SEPARATOR

COMPRESSOR

CONCRETE PAD FOR TANK

MW-9

MW-5

FORMER SUMP

MW-10

MW-4

METER HOUSE

MW-3

SB-1

MW-8

MW-1

MW-2

MW-11

FORMER EPC PIT EXCAVATED TO 12 FEET

MW-7

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

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- RIGHT OF WAY BOUNDARY
- ACCESS ROAD
- FENCE
- OVERHEAD POWER LINE
- MONITORING WELL
- SOIL BORING
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:
UTILITY LOCATIONS ARE APPROXIMATE.

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:
JOHNSTON FED #6A
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\JOHNSTON FED#6A\2020 MAPS\JFed6_GARM_1SA_2020.mxd

UNDERGROUND ELECTRIC BOX

ELECTRIC VAULT

6003

6002

6001

6000

SMA BENCHMARK
ELEV. 5999.94'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

PUMPJACK

TANK

SPILL TANK

JOHNSTON FED #6A
WELLHEAD

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

FORMER 300
BBL TANKS

SEPARATOR

COMPRESSOR

CONCRETE PAD FOR TANK

5999

MW-5
MW-5
B: <1.0
T: <1.0
E: <1.0
X: <10

FORMER
SUMP

MW-9
MW-9
B: <1.0
T: <1.0
E: <1.0
X: <10

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

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

METER
HOUSE

MW-3
MW-3
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-1
MW-1
NS

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

MW-7
MW-7
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-2
MW-2
B: <1.0
T: <1.0
E: <1.0
X: <10

DUP-1
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-11
MW-11
B: <1.0
T: <1.0
E: <1.0
X: <10

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

LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVERHEAD POWER LINE
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

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.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
< = BELOW REPORTING LIMIT

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
A	2/23/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
MAY 17, 2020

PROJECT:
JOHNSTON FEDERAL #6A
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\JOHNSTON FED#6A\2020 MAPS\JFed6_GECM_1SA_2020.mxd

UNDERGROUND ELECTRIC BOX
ELECTRIC VAULT
6003
6002
6001
6000
OVHD
SMA BENCHMARK
ELEV. 5999.94'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
PUMPJACK
TANK
JOHNSTON FED #6A
WELLHEAD
FORMER 300
BBL TANKS
5962.0
MW-6
MW-6
5961.55
5961.75
SPILL TANK
SEPARATOR
5962.25
MW-9
5962.42
MW-9
MW-5
5961.94
MW-5
6000
6000
COMPRESSOR
CONCRETE PAD FOR TANK
FORMER
SUMP
5962.5
MW-10
5962.35
MW-10
MW-4
MW-4
5962.01
METER
HOUSE
MW-3
MW-3
5962.43
5962.75
MW-8
5962.77
MW-8
MW-1
5962.87
MW-1
MW-2
5962.88
MW-2
FORMER EPC PIT
EXCAVATED TO 12 FEET
MW-7
MW-7
5963.04
5963.0
MW-11
MW-11
5963.43
5963.25
AERIAL IMAGERY FROM GOOGLE EARTH, DATED 10/5/2016.

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE FREE PRODUCT
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

5962.23 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

5961.75 — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).

DIRECTION OF APPARENT GROUNDWATER FLOW

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2/23/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 17, 2020

PROJECT: *JOHNSTON FEDERAL #6A*
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\JOHNSTON FED#6A\2020 MAPS\JFed6_GARM_2SA_2020.mxd

UNDERGROUND ELECTRIC BOX

ELECTRIC VAULT

6003

6002

6001

6000

SMA BENCHMARK
ELEV. 5999.94'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

PUMPJACK

JOHNSTON FED #6A
WELLHEAD

TANK

SPILL TANK

SEPARATOR

COMPRESSOR

CONCRETE PAD FOR TANK

FORMER 300
BBL TANKS

FORMER
SUMP

METER
HOUSE

MW-1
B: 1.5
T: 200
E: 30
X: 140

DUP-1
B: 1.3
T: 180
E: 8.6
X: 36

MW-2
NS

MW-3
B: <1.0
T: <1.0
E: <1.0
X: <10

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

MW-5
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-6
NS

MW-7
B: <1.0
T: <1.0
E: <1.0
X: <10

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

MW-9
B: <1.0
T: <1.0
E: <1.0
X: <10

MW-10
NS

MW-11
NS

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

LEGEND:

- APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVERHEAD POWER LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

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.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
< = BELOW REPORTING LIMIT

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
A	2/23/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 13, 2020

PROJECT: *JOHNSTON FEDERAL #6A*
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

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Figure No.: 5

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UNDERGROUND ELECTRIC BOX

ELECTRIC VAULT

6003

6002

6001

6000

SMA BENCHMARK
ELEV. 5999.94'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST

PUMPJACK

TANK

JOHNSTON FED #6A
WELLHEAD

FORMER 300
BBL TANKS

5961.75

5961.5

MW-6
MW-6
5961.37

SPILL TANK

SEPARATOR

5962.0

6000

6000

6000

6000

COMPRESSOR

CONCRETE PAD FOR TANK

5962.25

FORMER
SUMP

MW-5
5961.78

MW-9
MW-9
5962.28

MW-4
5961.83

MW-10
5962.19

5962.5

METER
HOUSE

MW-3
5962.33

MW-8
5962.65

MW-1
MW-1
5962.78

5962.75

MW-2
5962.80

FORMER EPC PIT
EXCAVATED TO 12 FEET

MW-7
5962.97

MW-11
5963.39

5963.25

5963.0

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

LEGEND:

- 6002 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- FENCE
- OVHD — OVERHEAD POWER LINE
- MONITORING WELL
- GAS VALVE
- OTHER MONITORING WELL
- SMA BENCHMARK
- RIG ANCHOR
- WELLHEAD

NOTES:

5962.23 — GROUNDWATER ELEVATION (CORRECTED FOR PRODUCT THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL

5961.75 — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL).

DIRECTION OF APPARENT GROUNDWATER FLOW

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2/23/2021	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 13, 2020

PROJECT:

JOHNSTON FEDERAL #6A
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 17, 2020 GROUNDWATER SAMPLING ANALYTICAL REPORT

NOVEMBER 13, 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

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From: Varsa, Steve
To: Smith, Cory, EMNRD
Cc: Griswold, Jim, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming product recovery activities
Date: Wednesday, August 12, 2020 3:05:25 PM

Hi Cory -

This correspondence is to provide notice to the NMOCD of upcoming product recovery activities at the following El Paso CGP Company (EPCGP) project sites:

Site Name	Incident Number	Case Number	Date
Canada Mesa #2	Unknown	3RP-155-0	08/19/2020
Fields A#7A	Unknown	3RP-170-0	08/18/2020
Fogelson 4-1	Unknown	3RP-068-0	08/18/2020
Gallegos Canyon Unit #124E	NAUTOFAB000205	3RP-407-0	08/18/2020
James F. Bell #1E	Unknown	3RP-196-0	08/18/2020
Johnston Fed #4	Unknown	3RP-201-0	08/19/2020
Johnston Fed #6A	Unknown	3RP-202-0	08/19/2020
K27 LDO72	Unknown	3RP-204-0	08/19/2020
Knight #1	Unknown	3RP-207-0	08/18/2020
Lateral L 40 Line Drip	Unknown	3RP-212-0	08/19/2020
State Gas Com N #1	Unknown	3RP-239-0	08/18/2020

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
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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.
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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

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APPENDIX B

Released to Imaging: 12/29/2021 5:07:46 PM

Received by OCD: 4/26/2021 9:33:12 AM

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. 792733
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 5.17.20
GENERATOR: ElPaso
HAULING CO. Stanteé
ORDERED BY: Joe Wiley

DEL. TKT#.
BILL TO: Stanteé
DRIVER: Sam
(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		Johnston Fed 4A	5 gals.	.70				
2		Johnston Fed 4GA	5 gals.					'20 MAY 17 3:17 PM
3								
4								
5								

I, _____ 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 Shirley Grant

SAN JUAN PRINTING 0818018B

Released to Imaging: 12/29/2021 5:07:46 PM

Received by OCD: 4/26/2021 9:33:12 AM

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. 796778
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 8-19-20
DEL. TKT#.
GENERATOR: Elpaso CGP
BILL TO: Elpaso CGP
HAULING CO. Sierra
DRIVER: Vincent
(Print Full Name)
ORDERED BY: Steve
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		Johnston Federal #4	20	70			14	
2		Canada Mesa #2, K-27, Johnston Federal #6A, Lateral L-40						
3								
4								
5								

I, _____ 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 _____

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. 800455
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 BW

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		Johnston Federal #7	10	70			70	
2		Johnston Federal #6A						'20 NOV 13 6:18PM
3		Sandoval GC A #1A						
4								
5								

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

☑ Approved ☐ Denied ATTENDANT SIGNATURE

SAN JUAN PRINTING 2020 1973-1

APPENDIX C

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 400-188207-1
Client Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
5/29/2020 5:44:07 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Laboratory Job ID: 400-188207-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Job ID: 400-188207-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-188207-1

Comments
No additional comments.

Receipt
The samples were received on 5/19/2020 8:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

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

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

Detection Summary

Client: Stantec Consulting Services Inc Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-2 Lab Sample ID: 400-188207-1

No Detections.

Client Sample ID: MW-3 Lab Sample ID: 400-188207-2

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-188207-3

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 400-188207-4

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-188207-5

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-188207-6

No Detections.

Client Sample ID: MW-8 Lab Sample ID: 400-188207-7

No Detections.

Client Sample ID: MW-9 Lab Sample ID: 400-188207-8

No Detections.

Client Sample ID: MW-10 Lab Sample ID: 400-188207-9

No Detections.

Client Sample ID: MW-11 Lab Sample ID: 400-188207-10

No Detections.

Client Sample ID: TB-01 Lab Sample ID: 400-188207-11

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-188207-12

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: Stantec Consulting Services Inc
Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-188207-1	MW-2	Water	05/17/20 13:10	05/19/20 08:40	
400-188207-2	MW-3	Water	05/17/20 13:26	05/19/20 08:40	
400-188207-3	MW-4	Water	05/17/20 13:35	05/19/20 08:40	
400-188207-4	MW-5	Water	05/17/20 13:42	05/19/20 08:40	
400-188207-5	MW-6	Water	05/17/20 13:48	05/19/20 08:40	
400-188207-6	MW-7	Water	05/17/20 13:56	05/19/20 08:40	
400-188207-7	MW-8	Water	05/17/20 14:04	05/19/20 08:40	
400-188207-8	MW-9	Water	05/17/20 14:12	05/19/20 08:40	
400-188207-9	MW-10	Water	05/17/20 14:18	05/19/20 08:40	
400-188207-10	MW-11	Water	05/17/20 14:27	05/19/20 08:40	
400-188207-11	TB-01	Water	05/17/20 07:10	05/19/20 08:40	
400-188207-12	DUP-01	Water	05/17/20 01:10	05/19/20 08:40	

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Client Sample ID: MW-2
Date Collected: 05/17/20 13:10
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/20 18:48	1
Toluene	<1.0		1.0		ug/L			05/27/20 18:48	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 18:48	1
Xylenes, Total	<10		10		ug/L			05/27/20 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*05/27/20 18:48*	*1*
Dibromofluoromethane	*101*		*81 - 121*		*05/27/20 18:48*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*05/27/20 18:48*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-3
Lab Sample ID: 400-188207-2
Date Collected: 05/17/20 13:26
Matrix: Water
Date Received: 05/19/20 08:40

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			05/27/20 19:13	1
Toluene	<1.0		1.0		ug/L			05/27/20 19:13	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 19:13	1
Xylenes, Total	<10		10		ug/L			05/27/20 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*78 - 118*		*05/27/20 19:13*	*1*
Dibromofluoromethane	*104*		*81 - 121*		*05/27/20 19:13*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/27/20 19:13*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-4
Lab Sample ID: 400-188207-3
Date Collected: 05/17/20 13:35
Matrix: Water
Date Received: 05/19/20 08:40

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			05/27/20 19:37	1
Toluene	<1.0		1.0		ug/L			05/27/20 19:37	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 19:37	1
Xylenes, Total	<10		10		ug/L			05/27/20 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*05/27/20 19:37*	*1*
Dibromofluoromethane	*106*		*81 - 121*		*05/27/20 19:37*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/27/20 19:37*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-5 **Lab Sample ID: 400-188207-4**
Date Collected: 05/17/20 13:42 **Matrix: Water**
Date Received: 05/19/20 08:40

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			05/27/20 20:02	1
Toluene	<1.0		1.0		ug/L			05/27/20 20:02	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 20:02	1
Xylenes, Total	<10		10		ug/L			05/27/20 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*78 - 118*		*05/27/20 20:02*	*1*
Dibromofluoromethane	*100*		*81 - 121*		*05/27/20 20:02*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/27/20 20:02*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Client Sample ID: MW-6
Date Collected: 05/17/20 13:48
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-5
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/20 20:27	1
Toluene	<1.0		1.0		ug/L			05/27/20 20:27	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 20:27	1
Xylenes, Total	<10		10		ug/L			05/27/20 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*05/27/20 20:27*	*1*
Dibromofluoromethane	*107*		*81 - 121*		*05/27/20 20:27*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*05/27/20 20:27*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Client Sample ID: MW-7

Date Collected: 05/17/20 13:56
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-6

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/20 20:51	1
Toluene	<1.0		1.0		ug/L			05/27/20 20:51	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 20:51	1
Xylenes, Total	<10		10		ug/L			05/27/20 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/27/20 20:51*	*1*
Dibromofluoromethane	*108*		*81 - 121*		*05/27/20 20:51*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/27/20 20:51*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Client Sample ID: MW-8
Date Collected: 05/17/20 14:04
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-7
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/20 21:16	1
Toluene	<1.0		1.0		ug/L			05/27/20 21:16	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 21:16	1
Xylenes, Total	<10		10		ug/L			05/27/20 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/27/20 21:16*	*1*
Dibromofluoromethane	*110*		*81 - 121*		*05/27/20 21:16*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/27/20 21:16*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-9
Lab Sample ID: 400-188207-8
Date Collected: 05/17/20 14:12
Matrix: Water
Date Received: 05/19/20 08:40

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			05/27/20 21:40	1
Toluene	<1.0		1.0		ug/L			05/27/20 21:40	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 21:40	1
Xylenes, Total	<10		10		ug/L			05/27/20 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*78 - 118*		*05/27/20 21:40*	*1*
Dibromofluoromethane	*108*		*81 - 121*		*05/27/20 21:40*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*05/27/20 21:40*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-10
Lab Sample ID: 400-188207-9
Date Collected: 05/17/20 14:18
Matrix: Water
Date Received: 05/19/20 08:40

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			05/27/20 22:05	1
Toluene	<1.0		1.0		ug/L			05/27/20 22:05	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 22:05	1
Xylenes, Total	<10		10		ug/L			05/27/20 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*78 - 118*		*05/27/20 22:05*	*1*
Dibromofluoromethane	*108*		*81 - 121*		*05/27/20 22:05*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*05/27/20 22:05*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-11 **Lab Sample ID: 400-188207-10**
Date Collected: 05/17/20 14:27 **Matrix: Water**
Date Received: 05/19/20 08:40

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			05/27/20 22:29	1
Toluene	<1.0		1.0		ug/L			05/27/20 22:29	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 22:29	1
Xylenes, Total	<10		10		ug/L			05/27/20 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/27/20 22:29*	*1*
Dibromofluoromethane	*101*		*81 - 121*		*05/27/20 22:29*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*05/27/20 22:29*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: TB-01 **Lab Sample ID: 400-188207-11**
Date Collected: 05/17/20 07:10 **Matrix: Water**
Date Received: 05/19/20 08:40

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			05/27/20 17:58	1
Toluene	<1.0		1.0		ug/L			05/27/20 17:58	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 17:58	1
Xylenes, Total	<10		10		ug/L			05/27/20 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*78 - 118*		*05/27/20 17:58*	*1*
Dibromofluoromethane	*105*		*81 - 121*		*05/27/20 17:58*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/27/20 17:58*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: DUP-01
Date Collected: 05/17/20 01:10
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-12
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/20 22:54	1
Toluene	<1.0		1.0		ug/L			05/27/20 22:54	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 22:54	1
Xylenes, Total	<10		10		ug/L			05/27/20 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*78 - 118*		*05/27/20 22:54*	*1*
Dibromofluoromethane	*110*		*81 - 121*		*05/27/20 22:54*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/27/20 22:54*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

GC/MS VOA

Analysis Batch: 490556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-188207-1	MW-2	Total/NA	Water	8260C	
400-188207-2	MW-3	Total/NA	Water	8260C	
400-188207-3	MW-4	Total/NA	Water	8260C	
400-188207-4	MW-5	Total/NA	Water	8260C	
400-188207-5	MW-6	Total/NA	Water	8260C	
400-188207-6	MW-7	Total/NA	Water	8260C	
400-188207-7	MW-8	Total/NA	Water	8260C	
400-188207-8	MW-9	Total/NA	Water	8260C	
400-188207-9	MW-10	Total/NA	Water	8260C	
400-188207-10	MW-11	Total/NA	Water	8260C	
400-188207-11	TB-01	Total/NA	Water	8260C	
400-188207-12	DUP-01	Total/NA	Water	8260C	
MB 400-490556/4	Method Blank	Total/NA	Water	8260C	
LCS 400-490556/1002	Lab Control Sample	Total/NA	Water	8260C	
400-188376-A-5 MS	Matrix Spike	Total/NA	Water	8260C	
400-188376-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

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

Lab Sample ID: MB 400-490556/4
Matrix: Water
Analysis Batch: 490556

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/27/20 15:55	1
Toluene	<1.0		1.0		ug/L			05/27/20 15:55	1
Ethylbenzene	<1.0		1.0		ug/L			05/27/20 15:55	1
Xylenes, Total	<10		10		ug/L			05/27/20 15:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*78 - 118*		*05/27/20 15:55*	*1*
Dibromofluoromethane	*107*		*81 - 121*		*05/27/20 15:55*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/27/20 15:55*	*1*

Lab Sample ID: LCS 400-490556/1002
Matrix: Water
Analysis Batch: 490556

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	58.8		ug/L		118	70 - 130		
Toluene			50.0	51.8		ug/L		104	70 - 130		
Ethylbenzene			50.0	55.2		ug/L		110	70 - 130		
Xylenes, Total			100	108		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*78 - 118*
Dibromofluoromethane	*108*		*81 - 121*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 400-188376-A-5 MS
Matrix: Water
Analysis Batch: 490556

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	1.6		50.0	61.1		ug/L		119	56 - 142		
Toluene	<1.0		50.0	50.9		ug/L		100	65 - 130		
Ethylbenzene	<1.0		50.0	51.7		ug/L		103	58 - 131		
Xylenes, Total	<10		100	104		ug/L		101	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*78 - 118*
Dibromofluoromethane	*109*		*81 - 121*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: 400-188376-A-5 MSD
Matrix: Water
Analysis Batch: 490556

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	1.6		50.0	66.8		ug/L		130	56 - 142	9	30
Toluene	<1.0		50.0	56.8		ug/L		112	65 - 130	11	30
Ethylbenzene	<1.0		50.0	57.7		ug/L		115	58 - 131	11	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

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

Lab Sample ID: 400-188376-A-5 MSD
Matrix: Water
Analysis Batch: 490556

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, Total	<10		100	117		ug/L		114	59 - 130	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*78 - 118*
Dibromofluoromethane	*109*		*81 - 121*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Client Sample ID: MW-2
Date Collected: 05/17/20 13:10
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 18:48	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-3
Date Collected: 05/17/20 13:26
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 19:13	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-4
Date Collected: 05/17/20 13:35
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 19:37	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-5
Date Collected: 05/17/20 13:42
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 20:02	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-6
Date Collected: 05/17/20 13:48
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 20:27	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-7
Date Collected: 05/17/20 13:56
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 20:51	RS	TAL PEN
	Instrument ID: Tesla									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-188207-1

Client Sample ID: MW-8
Date Collected: 05/17/20 14:04
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 21:16	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-9
Date Collected: 05/17/20 14:12
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 21:40	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-10
Date Collected: 05/17/20 14:18
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 22:05	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: MW-11
Date Collected: 05/17/20 14:27
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 22:29	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: TB-01
Date Collected: 05/17/20 07:10
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 17:58	RS	TAL PEN
	Instrument ID: Tesla									

Client Sample ID: DUP-01
Date Collected: 05/17/20 01:10
Date Received: 05/19/20 08:40

Lab Sample ID: 400-188207-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	5 mL	5 mL	490556	05/27/20 22:54	RS	TAL PEN
	Instrument ID: Tesla									

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: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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: 400-188207-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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

eurofins Environment Testing America

Chain of Custody Record

Client Information	Sampler: SRC	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-94233-34173.1
Client Contact: Steve Varsa	Phone: 515-253-0830	E-Mail: marty.edwards@testamericainc.com		Page: Page 1 of 2
Company: Stantec Consulting Services Inc				Job #:
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: Johnston Fed #6A.00	Project #: 40005479			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
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)
Other:

400-188207 COC

W-ERL-04-10-2020-SAM-08 Johnston Fed #6A

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:
			Preservation Code:				A		
MW-2	5/17/2020	1310	G	Water	N	N	3		
MW-3	5/17/2020	1326	G	Water	N	N	3		
MW-4	5/17/2020	1335	G	Water	N	N	3		
MW-5	5/17/2020	1342	G	Water	N	N	3		
MW-6	5/17/2020	1348	G	Water	N	N	3		
MW-7	5/17/2020	1356	G	Water	N	N	3		
MW-8	5/17/2020	1404	G	Water	N	N	3		
MW-9	5/17/2020	1412	G	Water	N	N	3		
MW-10	5/17/2020	1418	G	Water	N	N	3		
MW-11	5/17/2020	1427	G	Water	N	N	3		
TB-01	5/17/2020	0710	G	Water	N	N	2		Trip Blank

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 1 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: Sean R. Clary	Date/Time: 5/18/2020 0900	Company: STANTEC	Received by: Megan McElreen	Date/Time: 5-19-2020 840	Company: 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: 2.2°C IR7		

Ver: 01/16/2019

Released to Imaging: 12/29/2021 5:07:46 PM
Received by OCD: 4/26/2021 9:33:12 AM

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

Chain of Custody Record

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Client Information	Sampler: SRC	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-94233-34173.2
Client Contact: Steve Varsa	Phone: 515-253-0830	E-Mail: marty.edwards@testamericainc.com		Page: Page 2 of 2
Company: Stantec Consulting Services Inc				Job #:

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: Johnston Fed #6A.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:

W-ERH-04-10-2020-SAM-08 Johnston Fed #6A

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	Special Instructions/Note:
			Preservation Code:				A		
DUP-01	5/17/2020	0110	G	Water	N	N	3		Blind Dup
				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
Sam R Clary	5/18/2020 0900	STANTEC			
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

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-188207-1

Login Number: 188207 **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	2.2°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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

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

Laboratory Job ID: 400-195959-1
Client Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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

Attn: Steve Varsa

Marty Edwards

Authorized for release by:
12/1/2020 4:28:11 PM

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

LINKS
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Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

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

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

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

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Laboratory Job ID: 400-195959-1

Table of Contents

Definitions/Glossary

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Job ID: 400-195959-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative
400-195959-1

Comments
No additional comments.

Receipt
The samples were received on 11/17/2020 9:36 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.1º C.

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

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

Detection Summary

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: TB-01 Lab Sample ID: 400-195959-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-195959-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	180		1.0		ug/L	1		8260C	Total/NA
Toluene	8.6		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	36		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 Lab Sample ID: 400-195959-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1.5		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	200		1.0		ug/L	1		8260C	Total/NA
Toluene	30		1.0		ug/L	1		8260C	Total/NA
Xylenes, Total	140		10		ug/L	1		8260C	Total/NA

Client Sample ID: MW-3 Lab Sample ID: 400-195959-4

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-195959-5

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 400-195959-6

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-195959-7

No Detections.

Client Sample ID: MW-8 Lab Sample ID: 400-195959-8

No Detections.

Client Sample ID: MW-9 Lab Sample ID: 400-195959-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Sample Summary

Client: Stantec Consulting Services Inc

Job ID: 400-195959-1

Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
400-195959-1	TB-01	Water	11/13/20 13:00	11/17/20 09:36	
400-195959-2	DUP-01	Water	11/13/20 14:09	11/17/20 09:36	
400-195959-3	MW-1	Water	11/13/20 13:39	11/17/20 09:36	
400-195959-4	MW-3	Water	11/13/20 13:53	11/17/20 09:36	
400-195959-5	MW-4	Water	11/13/20 14:01	11/17/20 09:36	
400-195959-6	MW-5	Water	11/13/20 14:10	11/17/20 09:36	
400-195959-7	MW-7	Water	11/13/20 14:17	11/17/20 09:36	
400-195959-8	MW-8	Water	11/13/20 14:25	11/17/20 09:36	
400-195959-9	MW-9	Water	11/13/20 14:31	11/17/20 09:36	

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: TB-01
Lab Sample ID: 400-195959-1
Date Collected: 11/13/20 13:00
Matrix: Water
Date Received: 11/17/20 09:36

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 16:48	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 16:48	1
Toluene	<1.0		1.0		ug/L			11/25/20 16:48	1
Xylenes, Total	<10		10		ug/L			11/25/20 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 16:48*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 16:48*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/25/20 16:48*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/25/20 16:48*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: DUP-01 **Lab Sample ID: 400-195959-2**
Date Collected: 11/13/20 14:09 **Matrix: Water**
Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3		1.0		ug/L			11/25/20 21:11	1
Ethylbenzene	180		1.0		ug/L			11/25/20 21:11	1
Toluene	8.6		1.0		ug/L			11/25/20 21:11	1
Xylenes, Total	36		10		ug/L			11/25/20 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*11/25/20 21:11*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/25/20 21:11*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 21:11*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*		*11/25/20 21:11*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-1 **Lab Sample ID: 400-195959-3**
Date Collected: 11/13/20 13:39 **Matrix: Water**
Date Received: 11/17/20 09:36

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.5		1.0		ug/L			11/25/20 21:31	1
Ethylbenzene	200		1.0		ug/L			11/25/20 21:31	1
Toluene	30		1.0		ug/L			11/25/20 21:31	1
Xylenes, Total	140		10		ug/L			11/25/20 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*11/25/20 21:31*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/25/20 21:31*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/25/20 21:31*	*1*
Toluene-d8 (Surr)	*117*		*80 - 120*		*11/25/20 21:31*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-3 **Lab Sample ID: 400-195959-4**
Date Collected: 11/13/20 13:53 **Matrix: Water**
Date Received: 11/17/20 09:36

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 17:28	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 17:28	1
Toluene	<1.0		1.0		ug/L			11/25/20 17:28	1
Xylenes, Total	<10		10		ug/L			11/25/20 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 17:28*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 17:28*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/25/20 17:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/25/20 17:28*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-4 **Lab Sample ID: 400-195959-5**
Date Collected: 11/13/20 14:01 **Matrix: Water**
Date Received: 11/17/20 09:36

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 17:48	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 17:48	1
Toluene	<1.0		1.0		ug/L			11/25/20 17:48	1
Xylenes, Total	<10		10		ug/L			11/25/20 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*11/25/20 17:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/25/20 17:48*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 17:48*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 17:48*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-5 **Lab Sample ID: 400-195959-6**
Date Collected: 11/13/20 14:10 **Matrix: Water**
Date Received: 11/17/20 09:36

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 18:09	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 18:09	1
Toluene	<1.0		1.0		ug/L			11/25/20 18:09	1
Xylenes, Total	<10		10		ug/L			11/25/20 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 18:09*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 18:09*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*11/25/20 18:09*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 18:09*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-7
Lab Sample ID: 400-195959-7
Date Collected: 11/13/20 14:17
Matrix: Water
Date Received: 11/17/20 09:36

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 18:29	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 18:29	1
Toluene	<1.0		1.0		ug/L			11/25/20 18:29	1
Xylenes, Total	<10		10		ug/L			11/25/20 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 18:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 18:29*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/25/20 18:29*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/25/20 18:29*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-8 **Lab Sample ID: 400-195959-8**
Date Collected: 11/13/20 14:25 **Matrix: Water**
Date Received: 11/17/20 09:36

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 18:49	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 18:49	1
Toluene	<1.0		1.0		ug/L			11/25/20 18:49	1
Xylenes, Total	<10		10		ug/L			11/25/20 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/25/20 18:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/25/20 18:49*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/25/20 18:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 18:49*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-9
Lab Sample ID: 400-195959-9
Date Collected: 11/13/20 14:31
Matrix: Water
Date Received: 11/17/20 09:36

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 19:09	1
Ethylbenzene	<1.0		1.0		ug/L			11/25/20 19:09	1
Toluene	<1.0		1.0		ug/L			11/25/20 19:09	1
Xylenes, Total	<10		10		ug/L			11/25/20 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*11/25/20 19:09*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/25/20 19:09*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/25/20 19:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/25/20 19:09*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

GC/MS VOA

Analysis Batch: 70492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-195959-1	TB-01	Total/NA	Water	8260C	
400-195959-2	DUP-01	Total/NA	Water	8260C	
400-195959-3	MW-1	Total/NA	Water	8260C	
400-195959-4	MW-3	Total/NA	Water	8260C	
400-195959-5	MW-4	Total/NA	Water	8260C	
400-195959-6	MW-5	Total/NA	Water	8260C	
400-195959-7	MW-7	Total/NA	Water	8260C	
400-195959-8	MW-8	Total/NA	Water	8260C	
400-195959-9	MW-9	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: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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

Lab Sample ID: MB 410-70492/7
Matrix: Water
Analysis Batch: 70492

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/25/20 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
Matrix: Water
Analysis Batch: 70492

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

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
Matrix: Water
Analysis Batch: 70492

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

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: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: TB-01 — Lab Sample ID: 400-195959-1

Date Collected: 11/13/20 13:00 **Matrix: Water**
Date Received: 11/17/20 09:36

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 16:48	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: DUP-01 — Lab Sample ID: 400-195959-2

Date Collected: 11/13/20 14:09 **Matrix: Water**
Date Received: 11/17/20 09:36

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 21:11	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-1 — Lab Sample ID: 400-195959-3

Date Collected: 11/13/20 13:39 **Matrix: Water**
Date Received: 11/17/20 09:36

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 21:31	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-3 — Lab Sample ID: 400-195959-4

Date Collected: 11/13/20 13:53 **Matrix: Water**
Date Received: 11/17/20 09:36

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 17:28	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-4 — Lab Sample ID: 400-195959-5

Date Collected: 11/13/20 14:01 **Matrix: Water**
Date Received: 11/17/20 09:36

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 17:48	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-5 — Lab Sample ID: 400-195959-6

Date Collected: 11/13/20 14:10 **Matrix: Water**
Date Received: 11/17/20 09:36

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 18:09	UKAD	ELLE
	Instrument ID: 15648									

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

Client Sample ID: MW-7
Lab Sample ID: 400-195959-7
Date Collected: 11/13/20 14:17
Matrix: Water
Date Received: 11/17/20 09:36

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 18:29	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-8
Lab Sample ID: 400-195959-8
Date Collected: 11/13/20 14:25
Matrix: Water
Date Received: 11/17/20 09:36

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 18:49	UKAD	ELLE
	Instrument ID: 15648									

Client Sample ID: MW-9
Lab Sample ID: 400-195959-9
Date Collected: 11/13/20 14:31
Matrix: Water
Date Received: 11/17/20 09:36

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 19:09	UKAD	ELLE
	Instrument ID: 15648									

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: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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	11-30-20
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: 400-195959-1
Project/Site: ElPaso CGP Company-08 Johnston Fed #6A

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

Released to Imaging: 12/29/2021 5:07:46 PM
Received by OCD: 4/26/2021 9:33:12 AM

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

400-195959 COC

Client Information	Sampler: SRC	Lab PM: Edwards, Marty P	Carrier Tracking No(s):	COC No: 400-97378-35222.1
Client Contact: Steve Varsa	Phone: 913 980 0281	E-Mail: Marty.Edwards@Eurofinset.com		Page: Page 1 of 1
Company: Stantec Consulting Services Inc				Job #:

Address: 11153 Aurora Avenue	Due Date Requested:	Analysis Requested
City: Des Moines	TAT Requested (days): STD	
State, Zip: IA, 50322-7904		
Phone: 303-291-2239(Tel)	PO #: See Project Notes	
Email: steve.varsa@stantec.com	WO #:	
Project Name: Johnston Fed #6A 00	Project #: 40005479	
Site: J Fed 6 A	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

W-ERG-STN-11-02-20
-SAH-09 Johnston Fed#6 A

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:
			Preservation Code:				A		
TB-01	11/13/2020	1300	G	Water	—		2	2	Trip Blank
DUP-01	11/13/2020	1409	G	Water	—		3	3	Blind Dup
MW-1	11/13/2020	1334	G	Water	—		3	3	
MW-3	11/13/2020	1353	G	Water	—		3	3	
MW-4	11/13/2020	1401	G	Water	—		3	3	
MW-5	11/13/2020	1410	G	Water	—		3	3	
MW-7	11/13/2020	1417	G	Water	—		3	3	
MW-8	11/13/2020	1425	G	Water	—		3	3	
MW-9	11/13/2020	1431	G	"	—		3	3	

SRC SRC

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: Sam R Clar	Date/Time: 11/16/2020 0700	Company: STN	Received by:	Date/Time: 11-17-20 0936	Company: 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: 1.1°C IR-8

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: 400-256644.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Marty.Edwards@Eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Env LLC		Accreditations Required (See note):		Job #: 400-195959-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 12/1/2020			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: ElPaso CGP Company-08 Johnston Fed #6A	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 (400-195959-1)	11/13/20	13:00 Mountain		Water			X	2	
DUP-01 (400-195959-2)	11/13/20	14:09 Mountain		Water			X	3	
MW-1 (400-195959-3)	11/13/20	13:39 Mountain		Water			X	3	
MW-3 (400-195959-4)	11/13/20	13:53 Mountain		Water			X	3	
MW-4 (400-195959-5)	11/13/20	14:01 Mountain		Water			X	3	
MW-5 (400-195959-6)	11/13/20	14:10 Mountain		Water			X	3	
MW-7 (400-195959-7)	11/13/20	14:17 Mountain		Water			X	3	
MW-8 (400-195959-8)	11/13/20	14:25 Mountain		Water			X	3	
MW-9 (400-195959-9)	11/13/20	14:31 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 Raver	11-24-20 1530	EA			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/25/20 11:54	Company ELE

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

Cooler Temperature(s) °C and Other Remarks: 0.2

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-195959-1

Login Number: 195959 **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	1.1°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-195959-1

Login Number: 195959 **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 25480

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 25480
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of the 2020 ANNUAL GROUNDWATER REPORT: Content satisfactory 1. Continue semi-annual groundwater monitoring events in 2021 2. Continue quarterly site visits to facilitate removal of measurable free product where it is present 3. Pursuant to the EPCGP's January 5, 2021 letter, mobile DPE activities are to be completed before October 2021 to remove remaining free product from MW-1. 4. Provide OCD a follow-up correspondence once the date of the work is scheduled 5. Completed activities and summarize in the 2021 Annual Report and to be submitted no later than March 31, 2022	12/29/2021