2017 ANNUAL GROUNDWATER REPORT

Gallegos Canyon Unit #142E
NMOCD Case#: 3RP-179-0
Meter Code: 03906
T29N, R12W Sec 25, Unit G

SITE DETAILS

Site Location: Latitude: 36.699300 N, Longitude: -108.046700 W
Land Type: Private/Fee
Operator: BP America Production Company

SITE BACKGROUND

Environmental Remediation activities at the Gallegos Canyon Unit #142 (Site) are being 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, LLC's (EPCGP's) program methods. Currently, the Site is operated by BP America Production Company and is active.

The Site is located on private land (T29N, R12W, Sec25, Unit G). An initial site assessment was completed in April 1994, and an excavation to approximately 9 feet below ground surface (bgs) was completed in April 1994, removing approximately 20 cubic yards (cy) of soil. In October 1998 another excavation was completed, removing 882 cy of soil. Various site investigations have occurred since 1997. Monitoring wells were installed in 1997 (MW-1), 2001 (MW-2), and 2014 (MW-3 and MW-5 through MW-8). Monitoring well MW-4 was not installed. Temporary piezometers PZ-1 through PZ-6 were installed and removed in 1997. Free product has been observed and historically recovered at the Site. BP has indicated that they had a release in the vicinity of MW-2. Currently, groundwater sampling is conducted on a semi-annual basis.

SUMMARY OF 2017 ACTIVITIES

Pursuant to the 1995 remediation plan Stantec provided access notifications via email to NMOCD on May 30, 2017, and November 6, 2017. Copies of the access notifications are provided as Appendix A. On June 11 and November 13, 2017, water levels were gauged at MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, and MW-8. Groundwater samples were collected from each well that did not contain free product, using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event approximately 0.5 foot above termination depth of the monitoring wells 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 TestAmerica Laboratories, Inc. in Pensacola, Florida where they were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX). As requested by the NMOCD on November 13, 2018, BTEX constituents were analyzed using United States Environmental Protection Agency (EPA)

Method 8260 during the November sampling event. The unused sample water was combined in a waste container and taken to Basin Disposal, Inc. for disposal. Waste disposal documentation is included as Appendix B.

SUMMARY TABLES

Historic analytical and water level data are summarized in Table 1 and Table 2, respectively. When free product was present, static water level elevations were corrected for measurable thicknesses of free product (specific gravity of 0.75).

SITE MAPS

Groundwater analytical maps (Figures 1 and 3) and groundwater elevation contour maps (Figures 2 and 4) summarize results of the 2017 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix C.

GROUNDWATER RESULTS

- The groundwater elevations indicate the flow direction at the Site was generally to the southeast during 2017 (see Figures 2 and 4).
- One or more groundwater samples collected in 2017 from MW-1, MW-2, MW-3, MW-5, MW-7, and MW-8 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. Monitoring well MW-6 was below the NMWQCC standard or not detected.
- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or not detected in the Site monitoring wells sampled in 2017.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or not detected in the Site monitoring wells sampled in 2017.
- Concentrations of total xylenes exceeded the NMWQCC standard (620 µg/L) at MW-2 and MW-8 in the November 2017 samples. All other Site monitoring wells sampled in 2017 were either below the NMWQCC standard or not detected for total xylenes.

PLANNED FUTURE ACTIVITIES

Pursuant to the work plan dated September 18, 2017, EPCGP will continue to conduct semi-annual groundwater monitoring events through 2018. Monitoring wells sampled during these events will be analyzed for BTEX constituents using EPA Method 8260. The

results will be summarized in the 2018 Annual report for the Site, submitted in early 2019.

EPCGP will await NMOCD receipt and review of information pertaining to the BP release at the site before determining what, if any, additional work may be required of EPCGP.

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TABLES

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Gallegos Canyon Unit #142E					
Location	**Date**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethylbenzene (µg/L)**	**Total Xylenes (µg/L)**
NMWQCC Standards:		10	750	750	620
MW-1	03/10/97	4010	7960	213	2050
MW-1	08/06/97	1040	1310	49.4	647
MW-1	11/05/97	543	719	33.9	342
MW-1	02/13/98	343	354	27.6	394
MW-1	05/06/98	429	216	13.6	176
MW-1	05/04/99	143	20.4	7.78	63.3
MW-1	05/25/00	230	4.4	6	450
MW-1	06/01/01	130	0.5	3.5	6.1
MW-1	05/14/02	34	4.9	1	3.3
MW-1	03/07/03	270	36.8	8.3	21.1
MW-1	09/17/03	150	77	1.9	12.8
MW-1	03/22/04	1.4	<0.14	<0.029	<0.082
MW-1	03/17/05	169	1.3	2.7	6.6
MW-1	06/23/05	810	1.9	0.62	8.1
MW-1	09/26/05	232	14.9	4	15.1
MW-1	12/14/05	354	10.6	5.9	25.6
MW-1	03/28/06	362	0.37J	15	15.7
MW-1	06/14/06	210	6.5	2.3	6.1
MW-1	06/28/07	109	12.6	1.1	5.5
MW-1	06/23/08	2320	305	140	934
MW-1	06/02/09	35.3	<1	0.75J	1.4J
MW-1	12/30/09	597	10.7J	26.5	159
MW-1	11/09/10	8610	2770	348	2810
MW-1	11/16/11	229	36.2	5.3	39.3
MW-1	06/07/13	810	<0.30	<0.20	4.3J
MW-1	09/11/13	25	<0.30	<0.20	0.39J
MW-1	12/13/13	330	<0.90	6.9	20
MW-1	04/03/14	560	<3.8	<2.0	<6.5
MW-1	10/25/14	57	<0.70	1.9	3J
MW-1	05/30/15	270	<5.0	1.6	32
MW-1	11/18/15	990	1.6	26	250
MW-1	04/18/16	22	<5.0	<1.0	<5.0
MW-1	10/14/16	520	<10	<2.0	<10
MW-1	06/11/17	190	<10	<2.0	<10
MW-1	11/13/17	45	<1.0	<1.0	<10

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Gallegos Canyon Unit #142E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	12/13/01	22000	25000	500	4300
MW-2	09/17/03	6890	4760	219	1770
MW-2	03/22/04	13000	8880	321	2850
MW-2	03/17/05	2800	1640	125	978
MW-2	09/14/05	1980	915	63.8	391
MW-2	06/14/06	2140	811	83.5	610
MW-2	06/28/07	2100	492	140	1050
MW-2	06/23/08	221	1.5J	3.9	5.8
MW-2	12/30/09	6660	6750	764	6210
MW-2	11/09/10	3900	2450	342	2660
MW-2	11/16/11	2040	1020	231	1520
MW-2	06/07/13	6000	1100	500	3800
MW-2	09/11/13	2200	470	240	1900
MW-2	12/13/13	5500	830	510	3700
MW-2	05/30/15	3300	140	570	3400
MW-2	11/18/15	4000	120	520	1500
MW-2	11/13/17	2100	77	220	1800
MW-3	10/25/14	<0.38	<0.70	<0.50	<1.6
MW-3	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-3	11/18/15	<1.0	<1.0	<1.0	<3.0
MW-3	11/13/17	69	7.8	6.8	160
MW-5	10/25/14	1.8	<0.70	0.89J	11
MW-5	05/30/15	<1.0	<5.0	<1.0	<5.0
MW-5	11/18/15	<1.0	<1.0	<1.0	<3.0
MW-5	04/18/16	22	<5.0	<1.0	5.9
MW-5	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-5	06/11/17	13	<5.0	1.9	15
MW-5	11/13/17	<1.0	<1.0	<1.0	<10
MW-6	10/25/14	1.1	<0.70	<0.50	<1.6
MW-6	05/30/15	190	<25	<5.0	110
MW-6	11/18/15	<1.0	<1.0	<1.0	<3.0
MW-6	04/18/16	47	<5.0	20	6.4
MW-6	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-6	06/11/17	2.2	<5.0	<1.0	<5.0
MW-6	11/13/17	<1.0	<1.0	<1.0	<10

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

Gallegos Canyon Unit #142E					
Location	**Date**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethylbenzene (µg/L)**	**Total Xylenes (µg/L)**
NMWQCC Standards:		10	750	750	620
MW-7	10/25/14	4.7	0.7J	1.7	5.7J
MW-7	05/30/15	6.5	<5.0	<1.0	1.8J
MW-7	11/18/15	4.3	<1.0	<1.0	<3.0
MW-7	04/18/16	480	350	31	200
MW-7	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-7	06/11/17	120	11	1.9	18
MW-7	11/13/17	7.4	<1.0	<1.0	<10
TMW-1	12/30/09	3660	1550	520	4110
TMW-1	11/09/10	8880	14400	956	9040
TMW-1	11/16/11	3890	6250	420	3610
TMW-1	06/07/13	5100	1100	190	2600
TMW-1	09/11/13	6600	960	190	2600
TMW-1	12/13/13	6500	2200	410	4000
TMW-1 abandoned on September 8, 2014, and replaced with MW-8					
MW-8	10/25/14	0.77J	<0.70	<0.50	<1.6
MW-8	05/30/15	36	<5.0	3.1	19
MW-8	11/18/15	6.6	<1.0	<1.0	<3.0
MW-8	04/18/16	3	<5.0	<1.0	<5.0
MW-8	10/14/16	4.8	<5.0	<1.0	<5.0
MW-8	11/13/17	1900	65	190	1600

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).

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	03/10/97	5481.83	16.78	NR		5465.05
MW-1	08/06/97	5481.83	14.46	NR		5467.37
MW-1	11/05/97	5481.83	15.02	NR		5466.81
MW-1	02/13/98	5481.83	18.18	NR		5463.65
MW-1	05/06/98	5481.83	18.69	NR		5463.14
MW-1	05/04/99	5481.83	17.61	NR		5464.22
MW-1	05/25/00	5481.83	16.44	NR		5465.39
MW-1	06/01/01	5481.83	17.08	NR		5464.75
MW-1	05/14/02	5481.83	14.70	NR		5467.13
MW-1	03/07/03	5481.83	15.32	ND		5466.52
MW-1	09/17/03	5481.83	DRY	ND		5460.12
MW-1	03/22/04	5481.83	17.38	ND		5464.45
MW-1	03/17/05	5481.83	18.15	ND		5463.69
MW-1	06/23/05	5481.83	14.72	ND		5467.11
MW-1	09/26/05	5481.83	11.95	ND		5469.88
MW-1	12/14/05	5481.83	14.67	ND		5467.16
MW-1	01/09/06	5481.83	15.67	ND		5466.16
MW-1	01/18/06	5481.83	15.97	ND		5465.86
MW-1	03/28/06	5481.83	18.16	ND		5463.67
MW-1	06/14/06	5481.83	13.08	ND		5468.75
MW-1	06/28/07	5481.83	16.18	ND		5465.65
MW-1	06/23/08	5481.83	15.45	ND		5466.38
MW-1	06/02/09	5481.83	17.80	ND		5464.03
MW-1	12/30/09	5481.83	16.82	ND		5465.01
MW-1	01/25/10	5481.83	17.61	ND		5464.22
MW-1	05/25/10	5481.83	18.45	ND		5463.38
MW-1	09/24/10	5481.83	14.59	ND		5467.24
MW-1	11/09/10	5481.83	14.86	ND		5466.97
MW-1	02/01/11	5481.83	17.46	ND		5464.37
MW-1	05/03/11	5481.83	19.22	ND		5462.61
MW-1	09/27/11	5481.83	11.12	ND		5470.71
MW-1	11/16/11	5481.83	12.75	ND		5469.08
MW-1	02/16/12	5481.83	15.47	ND		5466.36
MW-1	05/07/12	5481.83	16.21	ND		5465.62
MW-1	06/07/13	5481.83	14.06	ND		5467.77
MW-1	09/11/13	5481.83	12.61	ND		5469.22
MW-1	12/13/13	5481.83	14.22	ND		5467.61
MW-1	04/03/14	5481.83	17.66	ND		5464.17
MW-1	10/25/14	5481.83	12.69	ND		5469.14
MW-1	05/30/15	5481.83	16.29	ND		5465.54
MW-1	11/18/15	5481.83	14.52	ND		5467.31

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
MW-1	04/18/16	5481.83	19.06	ND		5462.77
MW-1	10/14/16	5481.83	15.54	ND		5466.29
MW-1	06/11/17	5481.83	17.44	ND		5464.39
MW-1	11/13/17	5481.83	14.65	ND		5467.18

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	12/13/01	5481.56	14.52	NR		5467.04
MW-2	05/14/02	5481.56	14.37	NR		5467.19
MW-2	09/17/03	5481.56	DRY	ND		5463.56
MW-2	03/22/04	5481.56	17.06	ND		5464.50
MW-2	03/17/05	5481.56	17.83	ND		5463.73
MW-2	09/14/05	5481.56	11.45	ND		5470.11
MW-2	01/09/06	5481.56	15.35	ND		5466.21
MW-2	01/18/06	5481.56	15.65	ND		5465.91
MW-2	06/14/06	5481.56	12.64	ND		5468.92
MW-2	06/28/07	5481.56	16.86	ND		5464.70
MW-2	06/23/08	5481.56	15.15	ND		5466.41
MW-2	06/02/09	5481.56	17.84	17.42	0.42	5464.04
MW-2	12/30/09	5481.56	16.48	16.45	0.03	5465.10
MW-2	01/25/10	5481.56	17.45	17.27	0.18	5464.25
MW-2	05/25/10	5481.56	18.55	18.05	0.50	5463.39
MW-2	09/24/10	5481.56	14.25	ND		5467.31
MW-2	11/09/10	5481.56	14.50	14.49	0.01	5467.07
MW-2	02/01/11	5481.56	17.15	ND		5464.41
MW-2	05/03/11	5481.56	18.91	ND		5462.65
MW-2	09/27/11	5481.56	12.65	ND		5468.91
MW-2	11/16/11	5481.56	12.37	ND		5469.19
MW-2	02/16/12	5481.56	15.13	ND		5466.43
MW-2	05/07/12	5481.56	16.91	ND		5464.65
MW-2	06/07/13	5481.56	13.63	ND		5467.93
MW-2	09/11/13	5481.56	12.18	ND		5469.38
MW-2	12/13/13	5481.56	13.92	ND		5467.64
MW-2	04/03/14	5481.56	17.42	17.31	0.11	5464.22
MW-2	10/25/14	5481.56	12.14	ND		5469.42
MW-2	05/30/15	5481.56	15.92	ND		5465.64
MW-2	11/18/15	5481.56	14.26	ND		5467.30
MW-2	04/18/16	5481.56	18.99	18.69	0.30	5462.80
MW-2	10/14/16	5481.56	15.26	ND		5466.30
MW-2	06/11/17	5481.56	17.23	17.09	0.14	5464.44
MW-2	11/13/17	5481.56	14.28	ND		5467.28

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to Water (ft.)	Depth to LNAPL (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	10/25/14	5481.87	12.53	ND		5469.34
MW-3	05/30/15	5481.87	16.32	ND		5465.55
MW-3	11/18/15	5481.87	14.65	ND		5467.22
MW-3	04/18/16	5481.87	19.18	ND		5462.69
MW-3	10/14/16	5481.87	15.64	ND		5466.23
MW-3	06/11/17	5481.87	17.57	17.40	0.17	5464.43
MW-3	11/13/17	5481.87	14.64	ND		5467.23
MW-5	10/25/14	5482.04	12.73	ND		5469.31
MW-5	05/30/15	5482.04	16.50	ND		5465.54
MW-5	11/18/15	5482.04	14.80	ND		5467.24
MW-5	04/18/16	5482.04	19.20	ND		5462.84
MW-5	10/14/16	5482.04	15.78	ND		5466.26
MW-5	06/11/17	5482.04	17.65	ND		5464.39
MW-5	11/13/17	5482.04	14.81	ND		5467.23
MW-6	10/25/14	5481.45	12.31	ND		5469.14
MW-6	05/30/15	5481.45	16.01	ND		5465.44
MW-6	11/18/15	5481.45	14.36	ND		5467.09
MW-6	04/18/16	5481.45	18.73	ND		5462.72
MW-6	10/14/16	5481.45	15.35	ND		5466.10
MW-6	06/11/17	5481.45	17.14	ND		5464.31
MW-7	10/25/14	5481.80	12.59	ND		5469.21
MW-7	05/30/15	5481.80	16.32	ND		5465.48
MW-7	11/18/15	5481.80	14.67	ND		5467.13
MW-7	04/18/16	5481.80	19.09	ND		5462.71
MW-7	10/14/16	5481.80	15.66	ND		5466.14
MW-7	06/11/17	5481.80	17.44	ND		5464.36
MW-7	11/13/17	5481.80	14.67	ND		5467.13

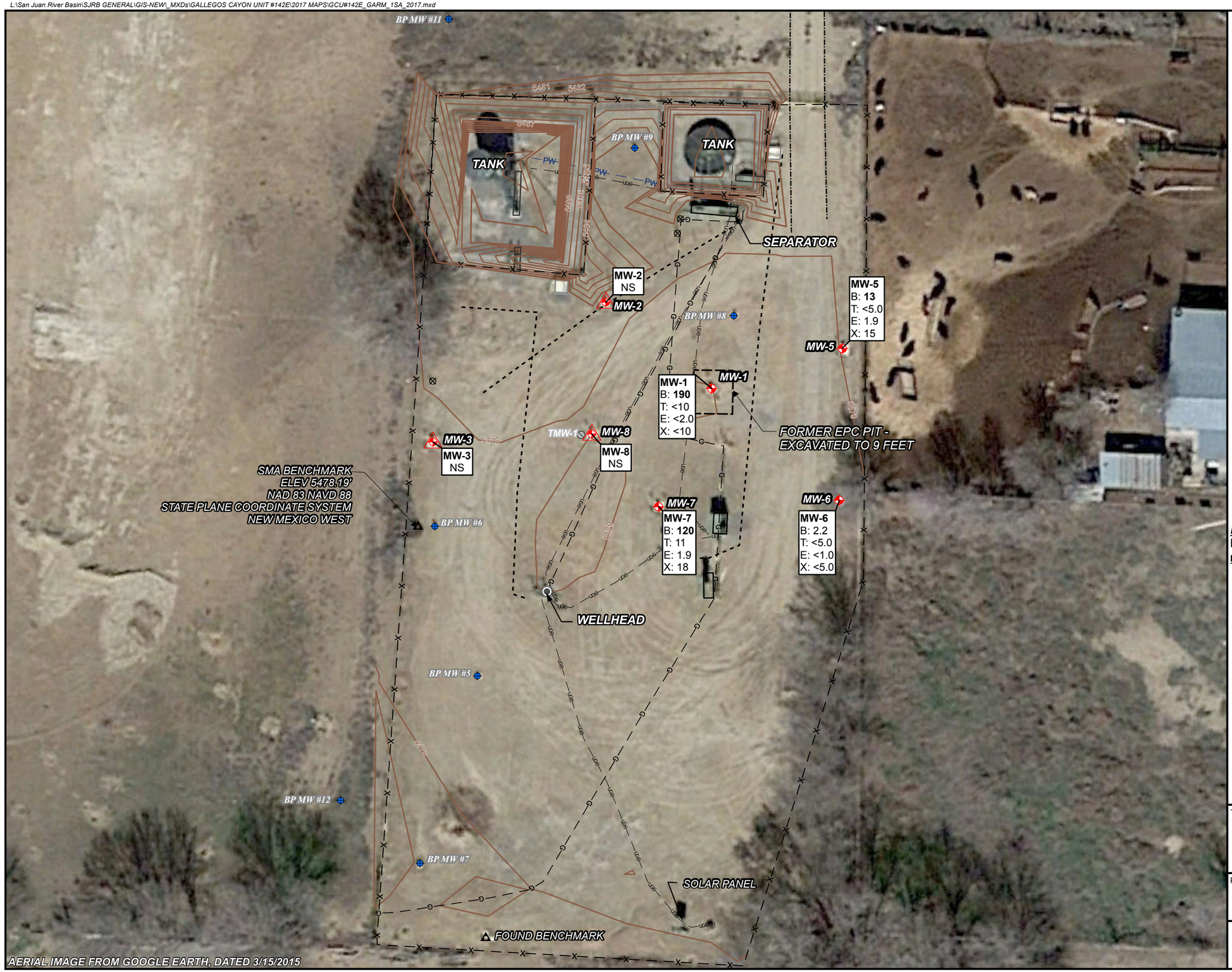
TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	**Date**	**TOC**	**Depth to Water (ft.)**	**Depth to LNAPL (ft.)**	**LNAPL Thickness (ft.)**	**GW Elevation (ft.)**
TMW-1	01/06/06	5481.43	15.29	ND		5466.14
TMW-1	01/09/06	5481.43	15.27	ND		5466.16
TMW-1	01/18/06	5481.43	15.57	ND		5465.87
TMW-1	06/23/08	5481.43	15.04	ND		5466.39
TMW-1	12/30/09	5481.43	NA	ND		NA
TMW-1	01/25/10	5481.43	17.23	ND		5464.20
TMW-1	05/25/10	5481.43	18.70	17.80		5463.41
TMW-1	09/24/10	5481.43	14.45	14.10		5467.25
TMW-1	11/09/10	5481.43	14.62	14.37		5467.00
TMW-1	02/01/11	5481.43	17.45	17.00		5464.32
TMW-1	05/03/11	5481.43	19.76	18.55		5462.58
TMW-1	09/27/11	5481.43	12.43	12.03		5469.30
TMW-1	11/16/11	5481.43	12.44	12.31		5469.09
TMW-1	02/16/12	5481.43	14.25	12.03		5468.85
TMW-1	05/07/12	5481.43	14.20	14.18		5467.25
TMW-1	06/07/13	5481.43	13.65	ND		5467.78
TMW-1	09/11/13	5481.43	12.14	ND		5469.29
TMW-1	12/13/13	5481.43	13.90	ND		5467.53
TMW-1	04/03/14	5481.43	17.36	17.25		5464.16
TMW-1 abandoned on September 8, 2014, and replaced with MW-8						
MW-8	10/25/14	5481.83	12.50	ND		5469.33
MW-8	05/30/15	5481.83	16.28	ND		5465.55
MW-8	11/18/15	5481.83	14.60	ND		5467.23
MW-8	04/18/16	5481.83	19.11	ND		5462.72
MW-8	10/14/16	5481.83	15.61	ND		5466.22
MW-8	06/11/17	5481.83	18.09	17.20	0.89	5464.41
MW-8	11/13/17	5481.83	14.63	ND		5467.20

Notes:
"ft" = feet
"TOC" = Top of casing
LNAPL = light non-aqueous phase liquid
"ND" = LNAPL not detected
"NR" = LNAPL not recorded

FIGURES

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\GALLEGOS CAYON UNIT #142E\2017 MAPS\GCU#142E_GARM_1SA_2017.mxd



LEGEND:

- 5795 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- ABANDONED UNKNOWN LINE
- FENCE
- PW — PRODUCED WATER LINE
- UGC — UNDERGROUND CABLE
- G — UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- SMA BENCHMARK
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- MONITORING WELL ASSOCIATED WITH UNRELATED RELEASE
- WELLHEAD
- RIG ANCHOR

NOTE:
MW-4 was a soil boring only (no well constructed).

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = BELOW METHOD DETECTION 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
	7/6/2017	SLG	SLG	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
JUNE 11, 2017

PROJECT: **GALLEGOS CANYON UNIT #142E**
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: 1

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\GALLEGOS CAYON UNIT #142E\2017 MAPS\GCU#142E_GECM_1SA_2017.mxd

BP MW #11
BP MW #9
BP MW #8
BP MW #6
BP MW #5
BP MW #12
BP MW #7
TANK
TANK
SEPARATOR
WELLHEAD
SOLAR PANEL
FOUND BM
FORMER EPC PIT - EXCAVATED TO 9 FEET
MW-2 5464.44
MW-5 5464.39
MW-1 5464.39
MW-8 5464.41
MW-3 5464.43
MW-7 5464.36
MW-6 5464.31
TMW-1
5464.42
5464.4
5464.38
5464.36
5464.34
5464.32
SMA BENCHMARK
ELEV 5478.19'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
AERIAL IMAGE FROM GOOGLE EARTH, DATED 3/15/2015

LEGEND:

- 5795 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- ABANDONED UNKNOWN LINE
- FENCE
- PRODUCED WATER LINE
- UGC — UNDERGROUND CABLE
- G — UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- SMA BENCHMARK
- MONITORING WELL
- MONITORING WELL WITH MEASUREABLE FREE PRODUCT
- MONITORING WELL ASSOCIATED WITH UNRELATED RELEASE
- WELLHEAD
- RIG ANCHOR

NOTES:

- 5467.31 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 5467.3 — 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
	7/6/2017	SLG	SLG	SRV

TITLE:

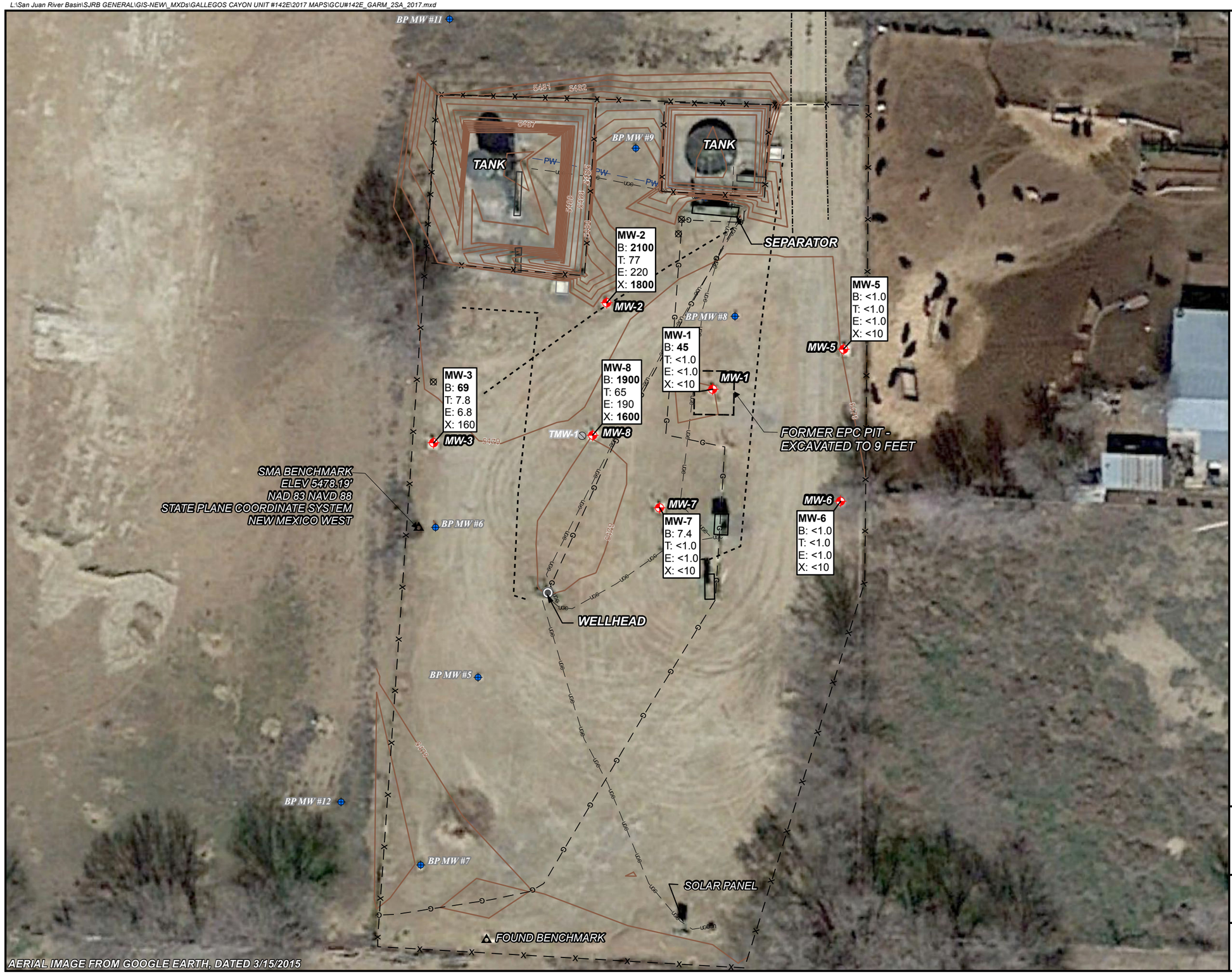
GROUNDWATER ELEVATION MAP
JUNE 11, 2017

PROJECT: **GALLEGOS CANYON UNIT #142E**
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **2**

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\GALLEGOS CAYON UNIT #142E\2017 MAPS\GCU#142E_GARM_2SA_2017.mxd



LEGEND:

- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- ABANDONED UNKNOWN LINE
- FENCE
- PRODUCED WATER LINE
- UNDERGROUND CABLE
- UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- SMA BENCHMARK
- MONITORING WELL
- MONITORING WELL ASSOCIATED WITH UNRELATED RELEASE
- WELLHEAD
- RIG ANCHOR

NOTE:
MW-4 was a soil boring only (no well constructed).

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = BELOW METHOD DETECTION 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
	12/1/2017	SLG	SLG	SRV

TITLE:

GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 13, 2017

PROJECT: **GALLEGOS CANYON UNIT #142E**
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **3**

L:\San Juan River Basin\SJRB GENERAL\GIS-NEW_MXDs\GALLEGOS CAYON UNIT #142E\2017 MAPS\GCU#142E_GECM_2SA_2017.mxd

BP MW #11
TANK
TANK
BP MW #9
PW
SEPARATOR
MW-2
5467.28
MW-2
BP MW #8
MW-5
5467.23
MW-5
MW-1
5467.18
MW-1
5467.25
TMW-1
MW-8
MW-8
5467.20
MW-3
MW-3
5467.23
FORMER EPC PIT -
EXCAVATED TO 9 FEET
SMA BENCHMARK
ELEV 5478.19'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST
BP MW #6
5467.2
5467.15
MW-7
MW-7
5467.13
5467.1
MW-6
MW-6
5467.06
WELLHEAD
BP MW #5
BP MW #12
BP MW #7
SOLAR PANEL
FOUND BM
AERIAL IMAGE FROM GOOGLE EARTH, DATED 3/15/2015

LEGEND:

- 5795 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- ABANDONED UNKNOWN LINE
- FENCE
- PRODUCED WATER LINE
- UGC — UNDERGROUND CABLE
- G — UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- SMA BENCHMARK
- MONITORING WELL
- MONITORING WELL ASSOCIATED WITH UNRELATED RELEASE
- WELLHEAD
- RIG ANCHOR

NOTES:

- 5467.31 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 5467.3 — 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
	12/5/2017	SLG	SLG	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 13, 2017

PROJECT: **GALLEGOS CANYON UNIT #142E**
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

Stantec

Figure No.: **4**

APPENDICES

APPENDIX A – NOTIFICATIONS OF SAMPLING ACTIVITIES

APPENDIX B – WASTE DISPOSAL DOCUMENTATION

APPENDIX C – JUNE 11, 2017 GROUNDWATER SAMPLING ANALYTICAL REPORT
NOVEMBER 13, 2017 GROUNDWATER SAMPLING ANALYTICAL REPORT

APPENDIX A

From: Varsa, Steve
To: Randolph.Bayliss@state.nm.us
Cc: brandon.powell@state.nm.us; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Tuesday, May 30, 2017 3:05:18 PM

Hi Randy –

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

Site Name	NMOCD Case #
Canada Mesa #2	3RP-155-0
Fields A#7A	3RP-170-0
Fogelson 4-1	3RP-068-0
Gallegos Canyon Unit #124E	3RP-407-0
GCU Com A #142E	3RP-179-0
Hammond #41A	3RP-186-0
James F. Bell #1E	3RP-196-0
Johnston Fed #4	3RP-201-0
Johnston Fed #6A	3RP-202-0
K27 LDO72	3RP-204-0
Knight #1	3RP-207-0
Lateral L 40 Line Drip	3RP-212-0
Lat O-21 Line Drip	3RP-213-0
Lindrith B #24	3RP-214-0
Miles Fed #1A	3RP-223-0
Sandoval GC A #1A	3RP-235-0
Standard Oil Com #1	3RP-238-0
State Gas Com N #1	3RP-239-0

Groundwater sampling and monitoring is planned to be conducted the week of June 5, 2017.

Thank you,
Steve

Stephen Varsa, P.G.
Supervising Hydrogeologist
MWH, now part of Stantec
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523

Office: (515) 253-0830
steve.varsa@stantec.com

From: Varsa, Steve
To: Bayliss, Randolph, EMNRD
Cc: Smith, Cory, EMNRD; Fields, Vanessa, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Monday, November 06, 2017 11:41:36 AM

Hi Randy –

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

Site Name	NMOCD Case #
Canada Mesa #2	3RP-155-0
Fields A#7A	3RP-170-0
Fogelson 4-1	3RP-068-0
Gallegos Canyon Unit #124E	3RP-407-0
GCU Com A #142E	3RP-179-0
James F. Bell #1E	3RP-196-0
Johnston Fed #4	3RP-201-0
Johnston Fed #6A	3RP-202-0
K27 LDO72	3RP-204-0
Knight #1	3RP-207-0
Lateral L 40 Line Drip	3RP-212-0
Lat O-21 Line Drip	3RP-213-0
Miles Fed #1A	3RP-223-0
Sandoval GC A #1A	3RP-235-0
Standard Oil Com #1	3RP-238-0
State Gas Com N #1	3RP-239-0

Groundwater sampling and monitoring is planned to be conducted November 10-14, 2017.

Please contact Joe Wiley, remediation manager with El Paso CGP Company, at (713) 420-3475, or me, if you have any questions.

Thank you,
Steve

Stephen Varsa, P.G.
Supervising Hydrogeologist
MWH, now part of Stantec
11153 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
Cell: (515) 710-7523
Office: (515) 253-0830
steve.varsa@stantec.com

APPENDIX B

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. 688185
NMOCD PERMIT: NM -001-0005
Oil Field Waste Document, Form C138
INVOICE:

DATE 6/11/17
DEL. TKT#.

GENERATOR: ElPaso CGP
BILL TO: ElPaso CGP

HAULING CO. ~~Stan. Oil~~ Stantec
DRIVER:

ORDERED BY: Joseph Wiley
(Print Full Name)
CODES:

WASTE DESCRIPTION: ☒ **Exempt Oilfield Waste** ☑ Produced Water ☐ Drilling/Completion Fluids ☐ Reserve Pit

STATE: ☐ NM ☐ CO ☐ AZ ☐ UT

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

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1		Fogelson 4-1, Gallegos CO 124E	50 BBL					
2		SCU Com A 142E Johnson Fed 4						
3		Johnston Federal 6A Lateral L-40 Lat 0-21 line						
4		Sandoval GC A#1A Standard Oil Com 1						
5								

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

☑ Approved ☐ Denied ATTENDANT SIGNATURE [signature]

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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. 700071

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

DATE 11-14-17

DEL. TKT#.

GENERATOR: El Paso

BILL TO: El Paso

HAULING CO. Stantec

DRIVER: Sam Spring
(Print Full Name)

ORDERED BY: Joseph Wiley

CODES:

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

STATE: ☑ NM ☐ CO ☐ AZ ☐ UT

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

NO.	TRUCK	LOCATION(S)	VOLUME	COST	H2S	COST	TOTAL	TIME
1	1	Fogelson 4-1	1	75			75 17 NOV 14	2:31 pm
2		~~State Gas Com~~, Knight JF Bell, ~~Lat L-40~~, ~~Std Oil Com~~						
3		~~Sandoval~~, GCU 124E ~~J Fed 4~~, ~~J Fed 6~~						
4		Fields A7A, GCU 142E Fogelson, Canada Mesa, K-27						
5		Miles Fed						

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 reproduction 168-6

APPENDIX C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 400-139224-1
Client Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

For:
Stantec Consulting Services Inc
1560 Broadway
Suite 1800
Denver, Colorado 80202

Attn: Ms. Sarah Gardner

Madonna Myers

Authorized for release by:
6/22/2017 10:28:29 AM
Madonna Myers, Project Manager II
(615)796-1870
madonna.myers@testamericainc.com

Designee for

Carol Webb, Project Manager II
(850)471-6250
carol.webb@testamericainc.com

Table of Contents

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)
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, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Job ID: 400-139224-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-139224-1

Comments
No additional comments.

Receipt
The samples were received on 6/13/2017 8:53 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

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

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: MW-1 — Lab Sample ID: 400-139224-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	190		2.0		ug/L	2		8021B	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 400-139224-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	13		1.0		ug/L	1		8021B	Total/NA
Ethylbenzene	1.9		1.0		ug/L	1		8021B	Total/NA
Xylenes, Total	15		5.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 400-139224-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2		1.0		ug/L	1		8021B	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 400-139224-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	120		1.0		ug/L	1		8021B	Total/NA
Ethylbenzene	1.9		1.0		ug/L	1		8021B	Total/NA
Toluene	11		5.0		ug/L	1		8021B	Total/NA
Xylenes, Total	18		5.0		ug/L	1		8021B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 400-139224-5

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-139224-1	MW-1	Water	06/11/17 14:10	06/13/17 08:53
400-139224-2	MW-5	Water	06/11/17 14:00	06/13/17 08:53
400-139224-3	MW-6	Water	06/11/17 14:20	06/13/17 08:53
400-139224-4	MW-7	Water	06/11/17 14:20	06/13/17 08:53
400-139224-5	TRIP BLANK	Water	06/11/17 13:50	06/13/17 08:53

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: MW-1
Date Collected: 06/11/17 14:10
Date Received: 06/13/17 08:53

Lab Sample ID: 400-139224-1
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**190**		2.0		ug/L			06/17/17 07:52	2
Ethylbenzene	<2.0		2.0		ug/L			06/17/17 07:52	2
Toluene	<10		10		ug/L			06/17/17 07:52	2
Xylenes, Total	<10		10		ug/L			06/17/17 07:52	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*103*		*78 - 124*		*06/17/17 07:52*	*2*

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: MW-5
Date Collected: 06/11/17 14:00
Date Received: 06/13/17 08:53

Lab Sample ID: 400-139224-2
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**13**		1.0		ug/L			06/17/17 08:27	1
Ethylbenzene	**1.9**		1.0		ug/L			06/17/17 08:27	1
Toluene	<5.0		5.0		ug/L			06/17/17 08:27	1
Xylenes, Total	**15**		5.0		ug/L			06/17/17 08:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*94*		*78 - 124*		*06/17/17 08:27*	*1*

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: MW-6
Date Collected: 06/11/17 14:20
Date Received: 06/13/17 08:53

Lab Sample ID: 400-139224-3
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.2**		1.0		ug/L			06/19/17 22:58	1
Ethylbenzene	<1.0		1.0		ug/L			06/19/17 22:58	1
Toluene	<5.0		5.0		ug/L			06/19/17 22:58	1
Xylenes, Total	<5.0		5.0		ug/L			06/19/17 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*110*		*78 - 124*		*06/19/17 22:58*	*1*

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: MW-7
Date Collected: 06/11/17 14:20
Date Received: 06/13/17 08:53

Lab Sample ID: 400-139224-4
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	120		1.0		ug/L			06/19/17 23:29	1
Ethylbenzene	1.9		1.0		ug/L			06/19/17 23:29	1
Toluene	11		5.0		ug/L			06/19/17 23:29	1
Xylenes, Total	18		5.0		ug/L			06/19/17 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*107*		*78 - 124*		*06/19/17 23:29*	*1*

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: TRIP BLANK
Date Collected: 06/11/17 13:50
Date Received: 06/13/17 08:53

Lab Sample ID: 400-139224-5
Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/17/17 06:41	1
Ethylbenzene	<1.0		1.0		ug/L			06/17/17 06:41	1
Toluene	<5.0		5.0		ug/L			06/17/17 06:41	1
Xylenes, Total	<5.0		5.0		ug/L			06/17/17 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*96*		*78 - 124*		*06/17/17 06:41*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

GC VOA

Analysis Batch: 357255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-139224-1	MW-1	Total/NA	Water	8021B	
400-139224-2	MW-5	Total/NA	Water	8021B	
400-139224-5	TRIP BLANK	Total/NA	Water	8021B	
MB 400-357255/5	Method Blank	Total/NA	Water	8021B	
LCS 400-357255/1004	Lab Control Sample	Total/NA	Water	8021B	
400-139101-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
400-139101-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 357549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-139224-3	MW-6	Total/NA	Water	8021B	
400-139224-4	MW-7	Total/NA	Water	8021B	
MB 400-357549/4	Method Blank	Total/NA	Water	8021B	
LCS 400-357549/1003	Lab Control Sample	Total/NA	Water	8021B	
400-139224-3 MS	MW-6	Total/NA	Water	8021B	
400-139224-3 MSD	MW-6	Total/NA	Water	8021B	

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 400-357255/5
Matrix: Water
Analysis Batch: 357255

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/16/17 17:14	1
Ethylbenzene	<1.0		1.0		ug/L			06/16/17 17:14	1
Toluene	<5.0		5.0		ug/L			06/16/17 17:14	1
Xylenes, Total	<5.0		5.0		ug/L			06/16/17 17:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*99*		*78 - 124*		*06/16/17 17:14*	*1*

Lab Sample ID: LCS 400-357255/1004
Matrix: Water
Analysis Batch: 357255

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	48.5		ug/L		97	85 - 115		
Ethylbenzene			50.0	50.5		ug/L		101	85 - 115		
Toluene			50.0	50.1		ug/L		100	85 - 115		
Xylenes, Total			150	151		ug/L		101	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*98*		*78 - 124*

Lab Sample ID: 400-139101-A-1 MS
Matrix: Water
Analysis Batch: 357255

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	59.3		ug/L		119	44 - 150		
Ethylbenzene	1.6		50.0	59.4		ug/L		116	70 - 142		
Toluene	<5.0		50.0	63.5		ug/L		127	69 - 136		
Xylenes, Total	25		150	203		ug/L		119	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*98*		*78 - 124*

Lab Sample ID: 400-139101-A-1 MSD
Matrix: Water
Analysis Batch: 357255

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	59.9		ug/L		120	44 - 150	1	16
Ethylbenzene	1.6		50.0	60.9		ug/L		119	70 - 142	2	16
Toluene	<5.0		50.0	64.0		ug/L		128	69 - 136	1	16
Xylenes, Total	25		150	206		ug/L		121	68 - 142	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*102*		*78 - 124*

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 400-357549/4
Matrix: Water
Analysis Batch: 357549

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/19/17 13:57	1
Ethylbenzene	<1.0		1.0		ug/L			06/19/17 13:57	1
Toluene	<5.0		5.0		ug/L			06/19/17 13:57	1
Xylenes, Total	<5.0		5.0		ug/L			06/19/17 13:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (pid)	*106*		*78 - 124*		*06/19/17 13:57*	*1*

Lab Sample ID: LCS 400-357549/1003
Matrix: Water
Analysis Batch: 357549

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	17.8		ug/L		89	85 - 115		
Ethylbenzene			20.0	18.3		ug/L		92	85 - 115		
Toluene			20.0	18.0		ug/L		90	85 - 115		
Xylenes, Total			60.0	56.2		ug/L		94	85 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*104*		*78 - 124*

Lab Sample ID: 400-139224-3 MS
Matrix: Water
Analysis Batch: 357549

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	2.2		50.0	62.4		ug/L		120	44 - 150		
Ethylbenzene	<1.0		50.0	61.9		ug/L		124	70 - 142		
Toluene	<5.0		50.0	60.4		ug/L		121	69 - 136		
Xylenes, Total	<5.0		150	189		ug/L		126	68 - 142		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*108*		*78 - 124*

Lab Sample ID: 400-139224-3 MSD
Matrix: Water
Analysis Batch: 357549

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	2.2		50.0	59.9		ug/L		116	44 - 150	4	16
Ethylbenzene	<1.0		50.0	59.6		ug/L		119	70 - 142	4	16
Toluene	<5.0		50.0	58.1		ug/L		116	69 - 136	4	16
Xylenes, Total	<5.0		150	182		ug/L		122	68 - 142	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (pid)	*108*		*78 - 124*

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Client Sample ID: MW-1

Lab Sample ID: 400-139224-1

Date Collected: 06/11/17 14:10

Matrix: Water

Date Received: 06/13/17 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		2	5 mL	5 mL	357255	06/17/17 07:52	CMW	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-5

Lab Sample ID: 400-139224-2

Date Collected: 06/11/17 14:00

Matrix: Water

Date Received: 06/13/17 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	357255	06/17/17 08:27	CMW	TAL PEN
	Instrument ID: CH_JOAN									

Client Sample ID: MW-6

Lab Sample ID: 400-139224-3

Date Collected: 06/11/17 14:20

Matrix: Water

Date Received: 06/13/17 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	357549	06/19/17 22:58	CMW	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: MW-7

Lab Sample ID: 400-139224-4

Date Collected: 06/11/17 14:20

Matrix: Water

Date Received: 06/13/17 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	357549	06/19/17 23:29	CMW	TAL PEN
	Instrument ID: CH_PAULA									

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-139224-5

Date Collected: 06/11/17 13:50

Matrix: Water

Date Received: 06/13/17 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	357255	06/17/17 06:41	CMW	TAL PEN
	Instrument ID: CH_JOAN									

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
TestAmerica Job ID: 400-139224-1
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

Laboratory: TestAmerica Pensacola

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-11-18
Arkansas DEQ	State Program	6	88-0689	09-01-17
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-17
Illinois	NELAP	5	200041	10-09-17
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-17
Kentucky (UST)	State Program	4	53	06-30-17
Kentucky (WW)	State Program	4	98030	12-31-17
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-17
Maryland	State Program	3	233	09-30-17
Massachusetts	State Program	1	M-FL094	06-30-17
Michigan	State Program	5	9912	06-30-17
New Jersey	NELAP	2	FL006	06-30-17
North Carolina (WW/SW)	State Program	4	314	12-31-17
Oklahoma	State Program	6	9810	08-31-17
Pennsylvania	NELAP	3	68-00467	01-31-18
Rhode Island	State Program	1	LAO00307	12-30-17
South Carolina	State Program	4	96026	06-30-17
Tennessee	State Program	4	TN02907	06-30-17
Texas	NELAP	6	T104704286-16-10	09-30-17
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-17

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: ElPaso CGP Company, LLC - GCU COM A#142E

TestAmerica Job ID: 400-139224-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	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 = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: S. Gardner & J. Garvey	Lab PM: Webb, Carol M	Carrier Tracking No(s):	COC No: 400-65859-26934.1
Client Contact: Ms. Sarah Gardner	Phone: 3032912239	E-Mail: carol.webb@testamericainc.com		Page: Page 1 of 1
Company: Stantec Consulting Services Inc				Job #:

Address: 1560 Broadway Suite 1800	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Denver	TAT Requested (days): Standard		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: CO, 80202			
Phone: 303-291-2239(Tel)	PO #: Purchase Order Requested		
Email: sarah.gardner@mwhglobal.com	WO #:		Other:
Project Name: GCU Com A #142E	Project #: 40005479		
Site: GCU Con A#142E	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B - BTEX 8021	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-1	6/11/2017	1410	G	W	N	N	2	2	
MW-5	6/11/2017	1400	G	W	N	N	2	2	
MW-6	6/11/2017	1420	G	W	N	N	2	2	
MW-7	6/11/2017	1420	G	W	N	N	2	2	
TRIP BLANK	6/11/2017	1350	—	W	N	N	2	2	

400-139224 COC

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Sarah Gardner	6/12/2017 800	Stantec		6/13/17 0853	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

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

6/22/2017

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-139224-1

Login Number: 139224

List Source: TestAmerica Pensacola

List Number: 1

Creator: Franklin, Justin H

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5°C IR-2
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	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 400-146062-1
Client Project/Site: El Paso CGP Company - GCU COM A 142E

For:
Stantec Consulting Services Inc
1560 Broadway
Suite 1800
Denver, Colorado 80202

Attn: Ms. Sarah Gardner

Carol M Webb

Authorized for release by:
11/24/2017 9:23:42 AM

Carol Webb, Project Manager II
(850)471-6250
carol.webb@testamericainc.com

Table of Contents

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)
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: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Job ID: 400-146062-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-146062-1

Comments
No additional comments.

Receipt
The samples were received on 11/15/2017 8:12 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.8º C.

GC/MS VOA
Method 8260C: The following sample contained Benzene above the reporting limit (RL): TRIP BLANK (400-146062-8). Reanalysis was performed with concurring results.

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

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-1 — Lab Sample ID: 400-146062-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	45		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-8 — Lab Sample ID: 400-146062-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	1900		10		ug/L	10		8260C	Total/NA
Toluene	65		10		ug/L	10		8260C	Total/NA
Ethylbenzene	190		10		ug/L	10		8260C	Total/NA
Xylenes, Total	1600		100		ug/L	10		8260C	Total/NA

Client Sample ID: MW-7 — Lab Sample ID: 400-146062-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	7.4		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 400-146062-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	69		2.0		ug/L	2		8260C	Total/NA
Toluene	7.8		2.0		ug/L	2		8260C	Total/NA
Ethylbenzene	6.8		2.0		ug/L	2		8260C	Total/NA
Xylenes, Total	160		20		ug/L	2		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 400-146062-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2100		20		ug/L	20		8260C	Total/NA
Toluene	77		20		ug/L	20		8260C	Total/NA
Ethylbenzene	220		20		ug/L	20		8260C	Total/NA
Xylenes, Total	1800		200		ug/L	20		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 400-146062-6

No Detections.

Client Sample ID: MW-6 — Lab Sample ID: 400-146062-7

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 400-146062-8

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

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-146062-1	MW-1	Water	11/13/17 14:25	11/15/17 08:12
400-146062-2	MW-8	Water	11/13/17 14:20	11/15/17 08:12
400-146062-3	MW-7	Water	11/13/17 14:10	11/15/17 08:12
400-146062-4	MW-3	Water	11/13/17 13:59	11/15/17 08:12
400-146062-5	MW-2	Water	11/13/17 13:53	11/15/17 08:12
400-146062-6	MW-5	Water	11/13/17 13:43	11/15/17 08:12
400-146062-7	MW-6	Water	11/13/17 13:36	11/15/17 08:12
400-146062-8	TRIP BLANK	Water	11/13/17 13:30	11/15/17 08:12

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-1
Date Collected: 11/13/17 14:25
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**45**		1.0		ug/L			11/20/17 17:30	1
Toluene	<1.0		1.0		ug/L			11/20/17 17:30	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/17 17:30	1
Xylenes, Total	<10		10		ug/L			11/20/17 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*104*		*81 - 121*		*11/20/17 17:30*	*1*
4-Bromofluorobenzene	*112*		*78 - 118*		*11/20/17 17:30*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/20/17 17:30*	*1*

Client Sample ID: MW-8
Date Collected: 11/13/17 14:20
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-2
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1900		10		ug/L			11/20/17 20:48	10
Toluene	65		10		ug/L			11/20/17 20:48	10
Ethylbenzene	190		10		ug/L			11/20/17 20:48	10
Xylenes, Total	1600		100		ug/L			11/20/17 20:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*102*		*81 - 121*		*11/20/17 20:48*	*10*
4-Bromofluorobenzene	*116*		*78 - 118*		*11/20/17 20:48*	*10*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/20/17 20:48*	*10*

Client Sample ID: MW-7
Date Collected: 11/13/17 14:10
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-3
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**7.4**		1.0		ug/L			11/20/17 17:52	1
Toluene	<1.0		1.0		ug/L			11/20/17 17:52	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/17 17:52	1
Xylenes, Total	<10		10		ug/L			11/20/17 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*104*		*81 - 121*		*11/20/17 17:52*	*1*
4-Bromofluorobenzene	*111*		*78 - 118*		*11/20/17 17:52*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/20/17 17:52*	*1*

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-3
Date Collected: 11/13/17 13:59
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-4
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	69		2.0		ug/L			11/20/17 20:04	2
Toluene	7.8		2.0		ug/L			11/20/17 20:04	2
Ethylbenzene	6.8		2.0		ug/L			11/20/17 20:04	2
Xylenes, Total	160		20		ug/L			11/20/17 20:04	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*81 - 121*		*11/20/17 20:04*	*2*
4-Bromofluorobenzene	*113*		*78 - 118*		*11/20/17 20:04*	*2*
Toluene-d8 (Surr)	*107*		*80 - 120*		*11/20/17 20:04*	*2*

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-2
Date Collected: 11/13/17 13:53
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-5
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2100		20		ug/L			11/20/17 21:10	20
Toluene	77		20		ug/L			11/20/17 21:10	20
Ethylbenzene	220		20		ug/L			11/20/17 21:10	20
Xylenes, Total	1800		200		ug/L			11/20/17 21:10	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*81 - 121*		*11/20/17 21:10*	*20*
4-Bromofluorobenzene	*113*		*78 - 118*		*11/20/17 21:10*	*20*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/20/17 21:10*	*20*

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-5
Date Collected: 11/13/17 13:43
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-6
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			11/20/17 18:14	1
Toluene	<1.0		1.0		ug/L			11/20/17 18:14	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/17 18:14	1
Xylenes, Total	<10		10		ug/L			11/20/17 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*81 - 121*		*11/20/17 18:14*	*1*
4-Bromofluorobenzene	*113*		*78 - 118*		*11/20/17 18:14*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/20/17 18:14*	*1*

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-6
Date Collected: 11/13/17 13:36
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-7
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/17 18:36	1
Toluene	<1.0		1.0		ug/L			11/20/17 18:36	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/17 18:36	1
Xylenes, Total	<10		10		ug/L			11/20/17 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*107*		*81 - 121*		*11/20/17 18:36*	*1*
4-Bromofluorobenzene	*114*		*78 - 118*		*11/20/17 18:36*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/20/17 18:36*	*1*

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: TRIP BLANK
Date Collected: 11/13/17 13:30
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-8
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4.5**		1.0		ug/L			11/20/17 13:27	1
Toluene	<1.0		1.0		ug/L			11/20/17 13:27	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/17 13:27	1
Xylenes, Total	<10		10		ug/L			11/20/17 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*102*		*81 - 121*		*11/20/17 13:27*	*1*
4-Bromofluorobenzene	*112*		*78 - 118*		*11/20/17 13:27*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/20/17 13:27*	*1*

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

GC/MS VOA

Analysis Batch: 376632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-146062-1	MW-1	Total/NA	Water	8260C	
400-146062-2	MW-8	Total/NA	Water	8260C	
400-146062-3	MW-7	Total/NA	Water	8260C	
400-146062-4	MW-3	Total/NA	Water	8260C	
400-146062-5	MW-2	Total/NA	Water	8260C	
400-146062-6	MW-5	Total/NA	Water	8260C	
400-146062-7	MW-6	Total/NA	Water	8260C	
400-146062-8	TRIP BLANK	Total/NA	Water	8260C	
MB 400-376632/4	Method Blank	Total/NA	Water	8260C	
LCS 400-376632/1002	Lab Control Sample	Total/NA	Water	8260C	
680-145565-B-5 MS	Matrix Spike	Total/NA	Water	8260C	
680-145565-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	

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

Lab Sample ID: MB 400-376632/4
Matrix: Water
Analysis Batch: 376632

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			11/20/17 12:08	1
Toluene	<1.0		1.0		ug/L			11/20/17 12:08	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/17 12:08	1
Xylenes, Total	<10		10		ug/L			11/20/17 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*102*		*81 - 121*		*11/20/17 12:08*	*1*
4-Bromofluorobenzene	*113*		*78 - 118*		*11/20/17 12:08*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/20/17 12:08*	*1*

Lab Sample ID: LCS 400-376632/1002
Matrix: Water
Analysis Batch: 376632

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	42.2		ug/L		84	70 - 130		
Toluene			50.0	44.0		ug/L		88	70 - 130		
Ethylbenzene			50.0	45.5		ug/L		91	70 - 130		
Xylenes, Total			100	91.7		ug/L		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*105*		*81 - 121*
4-Bromofluorobenzene	*106*		*78 - 118*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 680-145565-B-5 MS
Matrix: Water
Analysis Batch: 376632

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<1.0		50.0	42.6		ug/L		85	56 - 142		
Toluene	<1.0		50.0	42.5		ug/L		85	65 - 130		
Ethylbenzene	<1.0		50.0	41.3		ug/L		83	58 - 131		
Xylenes, Total	<10		100	81.2		ug/L		81	59 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane	*104*		*81 - 121*
4-Bromofluorobenzene	*104*		*78 - 118*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 680-145565-B-5 MSD
Matrix: Water
Analysis Batch: 376632

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<1.0		50.0	43.1		ug/L		86	56 - 142	1	30
Toluene	<1.0		50.0	45.3		ug/L		91	65 - 130	6	30

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

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

Lab Sample ID: 680-145565-B-5 MSD
Matrix: Water
Analysis Batch: 376632

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
Ethylbenzene	<1.0		50.0	44.9		ug/L		90	58 - 131	8	30
Xylenes, Total	<10		100	88.3		ug/L		88	59 - 130	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane	*105*		*81 - 121*
4-Bromofluorobenzene	*108*		*78 - 118*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-1
Date Collected: 11/13/17 14:25
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-1
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	376632	11/20/17 17:30	S1K	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-8
Date Collected: 11/13/17 14:20
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-2
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		10	5 mL	5 mL	376632	11/20/17 20:48	S1K	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-7
Date Collected: 11/13/17 14:10
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-3
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	376632	11/20/17 17:52	S1K	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-3
Date Collected: 11/13/17 13:59
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-4
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		2	5 mL	5 mL	376632	11/20/17 20:04	S1K	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-2
Date Collected: 11/13/17 13:53
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-5
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		20	5 mL	5 mL	376632	11/20/17 21:10	S1K	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: MW-5
Date Collected: 11/13/17 13:43
Date Received: 11/15/17 08:12

Lab Sample ID: 400-146062-6
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	376632	11/20/17 18:14	S1K	TAL PEN
	Instrument ID: Darwin									

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Client Sample ID: MW-6

Lab Sample ID: 400-146062-7

Date Collected: 11/13/17 13:36
Matrix: Water
Date Received: 11/15/17 08:12

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	376632	11/20/17 18:36	S1K	TAL PEN
	Instrument ID: Darwin									

Client Sample ID: TRIP BLANK

Lab Sample ID: 400-146062-8

Date Collected: 11/13/17 13:30
Matrix: Water
Date Received: 11/15/17 08:12

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	376632	11/20/17 13:27	S1K	TAL PEN
	Instrument ID: Darwin									

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
TestAmerica Job ID: 400-146062-1
Project/Site: El Paso CGP Company - GCU COM A 142E

Laboratory: TestAmerica Pensacola

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-11-18
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	12-31-17
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-17
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-17
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-17
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-18
Rhode Island	State Program	1	LAO00307	12-30-17
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: El Paso CGP Company - GCU COM A 142E

TestAmerica Job ID: 400-146062-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Daniel Babcock	Lab PM: Webb, Carol M	Carrier Tracking No(s):	COC No: 400-69057-27991.1
Client Contact: Ms. Sarah Gardner	Phone:	E-Mail: carol.webb@testamericainc.com		Page: Page 1 of 1
Company: Stantec Consulting Services Inc				Job #: 203720281

Address: 1560 Broadway Suite 1800	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Denver	TAT Requested (days): 10 Day Std		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: CO, 80202	PO #: Purchase Order Requested		
Phone: 303-291-2239(Tel)	WO#: ART W-ERS-STN-05-17-17-SLS-05		
Email: sarah.gardner@mwhglobal.com	Project #: 40005479 GCU COM A #142E		
Project Name: GCU Com A #142E Nov 2017	SSOW#:		
Site:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	8021B - BTEX 8260	Special Instructions/Note:
MW-1	11/13/17	1425	G	W	2	Per ART
MW-8		1420			2	
MW-7		1410			2	
MW-3		1359			2	
MW-2		1353			2	
MW-5		1343			2	
MW-6		1336			2	
Trip Blank	11/13/17	1330	—	—	2	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Daniel Babcock	11/14/17 1700	Stantec		11.15.17 0812	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.8C IR7 SS

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 400-146062-1

Login Number: 146062
List Number: 1
Creator: Perez, Trina M

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8°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	