



**2024 ANNUAL
GROUNDWATER REPORT –
Gallegos Canyon Unit
Com A #142E**

San Juan County, New Mexico

NMOCD Incident No.
nAUTOfAB000219

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ABBREVIATIONS

µg/L	micrograms per liter
Bgs	below ground surface
BP	BP America Production Company
BTEX	benzene, toluene, ethylbenzene, and total xylenes
cy	cubic yard
Envirotech	Envirotech, Inc.
EPA	United States Environmental Protection Agency
Eurofins	Eurofins Environment Testing Southeast, LLC
EPCGP	El Paso CGP Company
HydraSleeve	HydraSleeve™
LNAPL	light non-aqueous phase liquid
MDPE	mobile dual-phase extraction
NMOCD	New Mexico Oil Conservation Division
NMOSE	New Mexico Office of the State Engineer
NMWQCC	New Mexico Water Quality Control Commission
NNEPA	Navajo Nation Environmental Protection Agency
PAH	polycyclic aromatic hydrocarbons
SCM	Site Conceptual Model
Simcoe	Simcoe LLC
Stantec	Stantec Consulting Services Inc.

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1.0 INTRODUCTION

This 2024 Annual Groundwater Report has been prepared on behalf of El Paso CGP Company (EPCGP), a subsidiary of Kinder Morgan, Inc., by Stantec Consulting Services Inc. (Stantec). This report summarizes groundwater sampling and associated activities completed in 2024 at the Gallegos Canyon Unit Com A #142E site (Site; Meter Code 03906), located at Unit G, Section 25, Township 29 North, Range 12 West, in San Juan County, New Mexico. The location of the Site is Latitude 36.699300, Longitude - 108.046700, depicted in Figure 1. The Site has been assigned Incident Number nAUTOAB000219 by the New Mexico Oil Conservation Division (NMOCD).

2.0 SITE BACKGROUND

Environmental remediation activities at the 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 NMOCD in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into EPCGP's program methods. Currently, the Site is operated by Simcoe LLC (Simcoe) and is active. According to NMOCD records, Simcoe assumed operation of the Site from BP America Production Company (BP), on February 28, 2020.

The Site is located on private land. An initial site assessment related to the former El Paso pit 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 at the location of the pit. In October 1998 another excavation was completed, removing 882 cy of soil. Various site investigations have occurred since 1997. Temporary piezometers PZ-1 through PZ-6 were installed and removed in 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 advanced as a soil boring but was not installed. A detailed Site history is presented in Appendix A.

A Site Plan map depicting the locations of monitoring wells, piezometers, soil borings, and current and historical site features is provided as Figure 2.

According to an April 5, 2018, C-141 form submitted by BP, a release was discovered from a discharge pit located in the vicinity of MW-2 in January 1996. On June 2, 2009, light nonaqueous-phase liquid (LNAPL) was discovered in monitoring well MW-2. LNAPL was subsequently discovered in monitoring wells MW-3, MW-8, and TW-1. In early 2019 EPCGP prepared a site conceptual model (SCM) providing a summary of the assessment and remedial activities completed by EPCGP for their release and known information regarding the BP releases at the site. Based on the available information, no further action by EPCGP was recommended, and the SCM and no further action request was submitted to the NMOCD on February 11, 2019. To date, no response from the NMOCD

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has been received regarding this request. In the interim, groundwater sampling continues to be conducted on a semi-annual basis.

3.0 GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the 1995 Remediation Plan, Stantec provided access notifications via email to NMOCD on May 7, 2024, and October 28, 2024. Copies of the access notifications are provided as Appendix B. On May 13 and November 8, 2024, water levels were gauged at MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, and MW-8. No LNAPL was detected in site monitoring wells during water level gauging in 2024.

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

The groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC, in Pensacola, Florida where they were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using United States Environmental Protection Agency (EPA) Method 8260. One trip blank and one blind field duplicate were also collected during each sampling event.

The unused sample water was placed in a waste container and transported to the Envirotech, Inc. (Envirotech) land farm, located in Bloomfield, NM for disposal. Waste disposal documentation is included as Appendix C.

4.0 GROUNDWATER RESULTS

Historical groundwater analytical results and well gauging data are summarized in Tables 1 and 2, respectively. Groundwater analytical data maps (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2024 groundwater sampling and gauging events. The groundwater analytical lab reports are included as Appendix D. The following summarizes the groundwater monitoring and sampling conducted during this reporting period:

- The groundwater elevations indicate the flow direction at the Site was generally to the east-southeast during 2024 (see Figures 4 and 6).
- The concentration of benzene detected in the groundwater samples collected from MW-2 in May and November 2024 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. Monitoring well MW-2 is located hydraulically downgradient from the BP release and is upgradient from the original EPCGP pit being addressed under this incident number. Detections of benzene in remaining

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groundwater samples collected from site monitoring wells in 2024 were below the NMWQCC standard or were not detected.

- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or were not detected in site monitoring wells sampled in 2024.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in site monitoring wells sampled in 2024.
- The concentration of total xylenes detected in the groundwater samples collected from MW-2 in May and November 2024 exceeded the NMWQCC standard (620 µg/L). Detections of total xylenes in remaining ground water samples collected from site monitoring wells in 2024 were below the NMWQCC standard or were not detected.
- A field duplicate was collected from monitoring well MW-1 during the May and November 2024 sampling events. Significant discrepancies were not noted between either set of primary and duplicate samples.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2024 groundwater monitoring events.

5.0 SITE CLOSURE REQUEST

EPCGP respectfully requests a response from the NMOCD to the February 2019 SCM and No Further Action request. Data presented in that document and subsequent water quality data presented in this report indicate the remaining dissolved hydrocarbon impacts at the site are related to releases by BP. EPCGP summarized the rationale for the NFA request with the NMOCD during a conference call held on March 7, 2024.

TABLES

TABLE 1 – GROUNDWATER ANALYTICAL RESULTS

TABLE 2 – GROUNDWATER ELEVATION RESULTS

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	01/09/06	NS	NS	NS	NS
MW-1	01/18/06	NS	NS	NS	NS
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	01/25/10	NS	NS	NS	NS
MW-1	05/25/10	NS	NS	NS	NS
MW-1	09/24/10	NS	NS	NS	NS
MW-1	11/09/10	8610	2770	348	2810
MW-1	02/01/11	NS	NS	NS	NS
MW-1	05/03/11	NS	NS	NS	NS
MW-1	09/27/11	NS	NS	NS	NS
MW-1	11/16/11	229	36.2	5.3	39.3
MW-1	02/16/12	NS	NS	NS	NS
MW-1	05/07/12	NS	NS	NS	NS
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

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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	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
MW-1	05/17/18	8.6	<1.0	<1.0	<10
DUP-01(MW-1)*	05/17/18	8.4	<1.0	<1.0	<10
MW-1	10/28/18	1.5	<1.0	<1.0	<10
MW-1	05/22/19	85	<1.0	1	<10
MW-1	11/11/19	<1.0	<1.0	<1.0	<10
DUP-01(MW-1)*	11/11/19	<1.0	<1.0	<1.0	<10
MW-1	05/15/20	14	<1.0	<1.0	<10
MW-1	11/11/20	<1.0	<1.0	<1.0	<10
MW-1	05/21/21	54	<1.0	<1.0	<10
MW-1	11/12/21	2.5	<1.0	<1.0	<10
MW-1	05/19/22	11	<1.0	<1.0	<10
MW-1	11/02/22	4.0	<1.0	<1.0	<10
MW-1	05/21/23	<1.0	<1.0	<1.0	<10
MW-1	11/13/23	20	<1.0	<1.0	<10
DUP-01(MW-1)*	11/13/23	17	<1.0	<1.0	<10
MW-1	05/13/24	6.8	<1.0	<1.0	<10
DUP-01(MW-1)*	05/13/24	7.7	<1.0	<1.0	<10
MW-1	11/08/24	1.9	<1.0	<1.0	<10
DUP-01(MW-1)*	11/08/24	2.5	<1.0	<1.0	<10
MW-2	12/13/01	22000	25000	500	4300
MW-2	05/14/02	NS	NS	NS	NS
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	01/09/06	NS	NS	NS	NS
MW-2	01/18/06	NS	NS	NS	NS
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	06/02/09	NS	NS	NS	NS
MW-2	12/30/09	6660	6750	764	6210
MW-2	01/25/10	NS	NS	NS	NS
MW-2	05/25/10	NS	NS	NS	NS
MW-2	09/24/10	NS	NS	NS	NS
MW-2	11/09/10	3900	2450	342	2660
MW-2	02/01/11	NS	NS	NS	NS

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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	05/03/11	NS	NS	NS	NS
MW-2	09/27/11	NS	NS	NS	NS
MW-2	11/16/11	2040	1020	231	1520
MW-2	02/16/12	NS	NS	NS	NS
MW-2	05/07/12	NS	NS	NS	NS
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	04/03/14	NS	NS	NS	NS
MW-2	10/25/14	NS	NS	NS	NS
MW-2	05/30/15	3300	140	570	3400
MW-2	11/18/15	4000	120	520	1500
MW-2	04/18/16	NS	NS	NS	NS
MW-2	10/14/16	NS	NS	NS	NS
MW-2	06/11/17	NS	NS	NS	NS
MW-2	11/13/17	2100	77	220	1800
MW-2	05/17/18	NS	NS	NS	NS
MW-2	10/28/18	NS	NS	NS	NS
MW-2	05/22/19	1500	<25	840	6200
MW-2	11/11/19	1000	<10	390	2800
MW-2	05/15/20	1100	<25	450	3000
MW-2	11/11/20	1100	<10	550	3800
MW-2	05/21/21	960	<10	600	6100
MW-2	11/12/21	660	<20	520	3200
MW-2	05/19/22	1200	<50	800	5700
MW-2	11/02/22	470	<5.0	350	1300
MW-2	05/21/23	570	<10	740	4600
MW-2	11/13/23	220	<5.0	180	1200
MW-2	05/13/24	300	<5.0	420	4100
MW-2	11/08/24	310	<20	500	3000
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	04/18/16	NS	NS	NS	NS
MW-3	10/14/16	NS	NS	NS	NS
MW-3	06/11/17	NS	NS	NS	NS
MW-3	11/13/17	69	7.8	6.8	160
MW-3	05/17/18	11	6.4	18	200
MW-3	10/28/18	<1.0	<1.0	<1.0	<10
MW-3	05/22/19	2.3	<1.0	1.3	18
MW-3	11/11/19	<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-3	05/15/20	5.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/15/20	5.2	<1.0	<1.0	<10
MW-3	11/11/20	<1.0	<1.0	<1.0	<10
MW-3	05/21/21	2.1	<1.0	<1.0	<10
MW-3	11/12/21	<1.0	<1.0	<1.0	<10
MW-3	05/19/22	<1.0	<1.0	<1.0	<10
MW-3	11/02/22	<1.0	<1.0	<1.0	<10
MW-3	05/21/23	<1.0	<1.0	2.6	11
MW-3	11/13/23	<1.0	<1.0	4.2	<10
MW-3	05/13/24	<1.0	<1.0	<1.0	<10
MW-3	11/08/24	<1.0	<1.0	<1.0	<10
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-5	05/17/18	<1.0	<1.0	<1.0	<10
MW-5	10/28/18	<1.0	<1.0	<1.0	<10
DUP-01(MW-5)*	10/28/18	<1.0	<1.0	<1.0	<10
MW-5	05/22/19	<1.0	<1.0	<1.0	<10
MW-5	11/11/19	<1.0	<1.0	<1.0	<10
MW-5	05/15/20	<1.0	<1.0	<1.0	<10
MW-5	11/11/20	<1.0	<1.0	<1.0	<10
MW-5	05/21/21	<1.0	<1.0	<1.0	<10
MW-5	11/12/21	<1.0	<1.0	<1.0	<10
MW-5	05/19/22	<1.0	<1.0	<1.0	<10
MW-5	11/02/22	<1.0	<1.0	<1.0	<10
MW-5	05/21/23	<1.0	<1.0	<1.0	<10
MW-5	11/13/23	<1.0	<1.0	<1.0	<10
MW-5	05/13/24	<1.0	<1.0	<1.0	<10
MW-5	11/08/24	<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-6	05/17/18	<1.0	<1.0	<1.0	<10
MW-6	10/28/18	<1.0	<1.0	<1.0	<10
MW-6	05/22/19	<1.0	<1.0	<1.0	<10
DUP-01(MW-6)*	05/22/19	<1.0	<1.0	<1.0	<10
MW-6	11/11/19	<1.0	<1.0	<1.0	<10
MW-6	05/15/20	<1.0	<1.0	<1.0	<10
MW-6	11/11/20	<1.0	<1.0	<1.0	<10
MW-6	05/21/21	<1.0	<1.0	<1.0	<10
MW-6	11/12/21	<1.0	<1.0	<1.0	<10
MW-6	05/19/22	<1.0	<1.0	<1.0	<10
MW-6	11/02/22	<1.0	<1.0	<1.0	<10
MW-6	05/21/23	<1.0	<1.0	<1.0	<10
MW-6	11/13/23	<1.0	<1.0	<1.0	<10
MW-6	05/13/24	<1.0	<1.0	<1.0	<10
MW-6	11/08/24	<1.0	<1.0	<1.0	<10
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
MW-7	05/17/18	15	<1.0	<1.0	<10
MW-7	10/28/18	<1.0	<1.0	<1.0	<10
MW-7	05/22/19	<1.0	<1.0	<1.0	<10
MW-7	11/11/19	<1.0	<1.0	<1.0	<10
MW-7	05/15/20	38	<1.0	1.9	<10
MW-7	11/11/20	<1.0	<1.0	<1.0	<10
MW-7	05/21/21	<1.0	<1.0	<1.0	<10
MW-7	11/12/21	<1.0	<1.0	<1.0	<10
MW-7	05/19/22	<1.0	<1.0	<1.0	<10
MW-7	11/02/22	<1.0	<1.0	<1.0	<10
MW-7	05/21/23	3.3	<1.0	<1.0	<10
MW-7	11/13/23	<1.0	<1.0	<1.0	<10
MW-7	05/13/24	3.0	<1.0	<1.0	<10
MW-7	11/08/24	<1.0	<1.0	<1.0	<10
TMW-1	01/06/06	NS	NS	NS	NS
TMW-1	01/09/06	NS	NS	NS	NS
TMW-1	01/18/06	NS	NS	NS	NS
TMW-1	06/23/08	NS	NS	NS	NS

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
TMW-1	12/30/09	3660	1550	520	4110
TMW-1	01/25/10	NS	NS	NS	NS
TMW-1	05/25/10	NS	NS	NS	NS
TMW-1	09/24/10	NS	NS	NS	NS
TMW-1	11/09/10	8880	14400	956	9040
TMW-1	02/01/11	NS	NS	NS	NS
TMW-1	05/03/11	NS	NS	NS	NS
TMW-1	09/27/11	NS	NS	NS	NS
TMW-1	11/16/11	3890	6250	420	3610
TMW-1	02/16/12	NS	NS	NS	NS
TMW-1	05/07/12	NS	NS	NS	NS
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	04/03/14	NS	NS	NS	NS
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	06/11/17	NS	NS	NS	NS
MW-8	11/13/17	1900	65	190	1600
MW-8	05/17/18	96	3.4	5.2	74
MW-8	10/28/18	<1.0	<1.0	<1.0	<10
MW-8	05/22/19	1200	<10	120	700
MW-8	11/11/19	1.6	<1.0	<1.0	<10
MW-8	05/15/20	660	<5.0	31	<50
MW-8	11/11/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-8)*	11/11/20	2.4	<1.0	<1.0	<10
MW-8	05/21/21	790	<5.0	6.3	<50
DUP-01(MW-8)*	05/21/21	590	<5.0	<5.0	<50
MW-8	11/12/21	150	<1.0	7.2	24
DUP-01(MW-8)*	11/12/21	130	<1.0	5.5	18
MW-8	05/19/22	1.2	<1.0	<1.0	<10
DUP-01(MW-8)*	05/19/22	1.5	<1.0	<1.0	<10
MW-8	11/02/22	49	<1.0	1.7	<10
DUP-01(MW-8)*	11/02/22	51	<1.0	1.9	<10
MW-8	05/21/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-8)*	05/21/23	<1.0	<1.0	<1.0	<10
MW-8	11/13/23	450	<2.0	<2.0	<20

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-8	05/13/24	<1.0	<1.0	<1.0	<10
MW-8	11/08/24	<1.0	<1.0	<1.0	<10

Notes:

"NS" = Not sampled

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

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	03/10/97	5481.83	NR	16.78		5465.05
MW-1	08/06/97	5481.83	NR	14.46		5467.37
MW-1	11/05/97	5481.83	NR	15.02		5466.81
MW-1	02/13/98	5481.83	NR	18.18		5463.65
MW-1	05/06/98	5481.83	NR	18.69		5463.14
MW-1	05/04/99	5481.83	NR	17.61		5464.22
MW-1	05/25/00	5481.83	NR	16.44		5465.39
MW-1	06/01/01	5481.83	NR	17.08		5464.75
MW-1	05/14/02	5481.83	NR	14.70		5467.13
MW-1	03/07/03	5481.83	ND	15.32		5466.52
MW-1	09/17/03	5481.83	ND	DRY		5460.12
MW-1	03/22/04	5481.83	ND	17.38		5464.45
MW-1	03/17/05	5481.83	ND	18.15		5463.69
MW-1	06/23/05	5481.83	ND	14.72		5467.11
MW-1	09/26/05	5481.83	ND	11.95		5469.88
MW-1	12/14/05	5481.83	ND	14.67		5467.16
MW-1	01/09/06	5481.83	ND	15.67		5466.16
MW-1	01/18/06	5481.83	ND	15.97		5465.86
MW-1	03/28/06	5481.83	ND	18.16		5463.67
MW-1	06/14/06	5481.83	ND	13.08		5468.75
MW-1	06/28/07	5481.83	ND	16.18		5465.65
MW-1	06/23/08	5481.83	ND	15.45		5466.38
MW-1	06/02/09	5481.83	ND	17.80		5464.03
MW-1	12/30/09	5481.83	ND	16.82		5465.01
MW-1	01/25/10	5481.83	ND	17.61		5464.22
MW-1	05/25/10	5481.83	ND	18.45		5463.38
MW-1	09/24/10	5481.83	ND	14.59		5467.24
MW-1	11/09/10	5481.83	ND	14.86		5466.97
MW-1	02/01/11	5481.83	ND	17.46		5464.37
MW-1	05/03/11	5481.83	ND	19.22		5462.61
MW-1	09/27/11	5481.83	ND	11.12		5470.71
MW-1	11/16/11	5481.83	ND	12.75		5469.08
MW-1	02/16/12	5481.83	ND	15.47		5466.36
MW-1	05/07/12	5481.83	ND	16.21		5465.62
MW-1	06/07/13	5481.83	ND	14.06		5467.77
MW-1	09/11/13	5481.83	ND	12.61		5469.22
MW-1	12/13/13	5481.83	ND	14.22		5467.61
MW-1	04/03/14	5481.83	ND	17.66		5464.17
MW-1	10/25/14	5481.83	ND	12.69		5469.14
MW-1	05/30/15	5481.83	ND	16.29		5465.54
MW-1	11/18/15	5481.83	ND	14.52		5467.31
MW-1	04/18/16	5481.83	ND	19.06		5462.77
MW-1	10/14/16	5481.83	ND	15.54		5466.29
MW-1	06/11/17	5481.83	ND	17.44		5464.39

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	11/13/17	5481.83	ND	14.65		5467.18
MW-1	05/17/18	5481.83	ND	16.74		5465.09
MW-1	10/28/18	5481.83	ND	12.31		5469.52
MW-1	05/22/19	5481.83	ND	15.85		5465.98
MW-1	11/11/19	5481.83	ND	11.51		5470.32
MW-1	05/15/20	5481.83	ND	15.37		5466.46
MW-1	11/11/20	5481.83	ND	11.91		5469.92
MW-1	05/21/21	5481.83	ND	15.78		5466.05
MW-1	11/12/21	5481.83	ND	12.70		5469.13
MW-1	05/19/22	5481.83	ND	16.26		5465.57
MW-1	11/02/22	5481.83	ND	13.10		5468.73
MW-1	05/21/23	5481.83	ND	16.38		5465.45
MW-1	11/13/23	5481.83	ND	14.41		5467.42
MW-1	05/13/24	5481.83	ND	16.55		5465.28
MW-1	11/08/24	5481.83	ND	11.88		5469.95
MW-2	12/13/01	5481.56	NR	14.52		5467.04
MW-2	05/14/02	5481.56	NR	14.37		5467.19
MW-2	09/17/03	5481.56	ND	DRY		5463.56
MW-2	03/22/04	5481.56	ND	17.06		5464.50
MW-2	03/17/05	5481.56	ND	17.83		5463.73
MW-2	09/14/05	5481.56	ND	11.45		5470.11
MW-2	01/09/06	5481.56	ND	15.35		5466.21
MW-2	01/18/06	5481.56	ND	15.65		5465.91
MW-2	06/14/06	5481.56	ND	12.64		5468.92
MW-2	06/28/07	5481.56	ND	16.86		5464.70
MW-2	06/23/08	5481.56	ND	15.15		5466.41
MW-2	06/02/09	5481.56	17.42	17.84	0.42	5464.04
MW-2	12/30/09	5481.56	16.45	16.48	0.03	5465.10
MW-2	01/25/10	5481.56	17.27	17.45	0.18	5464.25
MW-2	05/25/10	5481.56	18.05	18.55	0.50	5463.39
MW-2	09/24/10	5481.56	ND	14.25		5467.31
MW-2	11/09/10	5481.56	14.49	14.50	0.01	5467.07
MW-2	02/01/11	5481.56	ND	17.15		5464.41
MW-2	05/03/11	5481.56	ND	18.91		5462.65
MW-2	09/27/11	5481.56	ND	12.65		5468.91
MW-2	11/16/11	5481.56	ND	12.37		5469.19
MW-2	02/16/12	5481.56	ND	15.13		5466.43
MW-2	05/07/12	5481.56	ND	16.91		5464.65
MW-2	06/07/13	5481.56	ND	13.63		5467.93
MW-2	09/11/13	5481.56	ND	12.18		5469.38
MW-2	12/13/13	5481.56	ND	13.92		5467.64
MW-2	04/03/14	5481.56	17.31	17.42	0.11	5464.22
MW-2	10/25/14	5481.56	ND	12.14		5469.42

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	05/30/15	5481.56	ND	15.92		5465.64
MW-2	11/18/15	5481.56	ND	14.26		5467.30
MW-2	04/18/16	5481.56	18.69	18.99	0.30	5462.80
MW-2	10/14/16	5481.56	ND	15.26		5466.30
MW-2	06/11/17	5481.56	17.09	17.23	0.14	5464.44
MW-2	11/13/17	5481.56	ND	14.28		5467.28
MW-2	05/17/18	5481.56	16.39	16.43	0.04	5465.16
MW-2	10/28/18	5481.56	ND	11.67		5469.89
MW-2	05/22/19	5481.56	ND	15.56		5466.00
MW-2	11/11/19	5481.56	ND	10.92		5470.64
MW-2	05/15/20	5481.56	ND	15.05		5466.51
MW-2	11/11/20	5481.56	ND	11.35		5470.21
MW-2	05/21/21	5481.56	ND	15.43		5466.13
MW-2	11/12/21	5481.56	ND	12.19		5469.37
MW-2	05/19/22	5481.56	ND	15.93		5465.63
MW-2	11/02/22	5481.56	ND	12.69		5468.87
MW-2	05/21/23	5481.56	ND	16.08		5465.48
MW-2	11/13/23	5481.56	ND	14.04		5467.52
MW-2	05/13/24	5481.56	ND	16.22		5465.34
MW-2	11/08/24	5481.56	ND	11.08		5470.48
MW-3	10/25/14	5481.87	ND	12.53		5469.34
MW-3	05/30/15	5481.87	ND	16.32		5465.55
MW-3	11/18/15	5481.87	ND	14.65		5467.22
MW-3	04/18/16	5481.87	ND	19.18		5462.69
MW-3	10/14/16	5481.87	ND	15.64		5466.23
MW-3	06/11/17	5481.87	17.40	17.57	0.17	5464.43
MW-3	11/13/17	5481.87	ND	14.64		5467.23
MW-3	05/17/18	5481.87	ND	16.60		5465.27
MW-3	10/28/18	5481.87	ND	11.93		5469.94
MW-3	05/22/19	5481.87	ND	15.85		5466.02
MW-3	11/11/19	5481.87	ND	11.25		5470.62
MW-3	05/15/20	5481.87	ND	15.31		5466.56
MW-3	11/11/20	5481.87	ND	11.69		5470.18
MW-3	05/21/21	5481.87	ND	15.75		5466.12
MW-3	11/12/21	5481.87	ND	12.52		5469.35
MW-3	05/19/22	5481.87	ND	16.21		5465.66
MW-3	11/02/22	5481.87	ND	13.03		5468.84
MW-3	05/21/23	5481.87	ND	16.30		5465.57
MW-3	11/13/23	5481.87	ND	14.38		5467.49
MW-3	05/13/24	5481.87	ND	16.49		5465.38
MW-3	11/08/24	5481.87	ND	11.43		5470.44
MW-5	10/25/14	5482.04	ND	12.73		5469.31
MW-5	05/30/15	5482.04	ND	16.50		5465.54

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	11/18/15	5482.04	ND	14.80		5467.24
MW-5	04/18/16	5482.04	ND	19.20		5462.84
MW-5	10/14/16	5482.04	ND	15.78		5466.26
MW-5	06/11/17	5482.04	ND	17.65		5464.39
MW-5	11/13/17	5482.04	ND	14.81		5467.23
MW-5	05/17/18	5482.04	ND	16.95		5465.09
MW-5	10/28/18	5482.04	ND	12.31		5469.73
MW-5	05/22/19	5482.04	ND	16.10		5465.94
MW-5	11/11/19	5482.04	ND	11.58		5470.46
MW-5	05/15/20	5482.04	ND	15.62		5466.42
MW-5	11/11/20	5482.04	ND	11.97		5470.07
MW-5	05/21/21	5482.04	ND	16.01		5466.03
MW-5	11/12/21	5482.04	ND	12.81		5469.23
MW-5	05/19/22	5482.04	ND	16.46		5465.58
MW-5	11/02/22	5482.04	ND	13.28		5468.76
MW-5	05/21/23	5482.04	ND	16.64		5465.40
MW-5	11/13/23	5482.04	ND	14.64		5467.40
MW-5	05/13/24	5482.04	ND	16.79		5465.25
MW-5	11/08/24	5482.04	ND	11.71		5470.33
MW-6	10/25/14	5481.45	ND	12.31		5469.14
MW-6	05/30/15	5481.45	ND	16.01		5465.44
MW-6	11/18/15	5481.45	ND	14.36		5467.09
MW-6	04/18/16	5481.45	ND	18.73		5462.72
MW-6	10/14/16	5481.45	ND	15.35		5466.10
MW-6	06/11/17	5481.45	ND	17.14		5464.31
MW-6	11/13/17	5481.45	ND	14.39		5467.06
MW-6	05/17/18	5481.45	ND	16.37		5465.08
MW-6	10/28/18	5481.45	ND	11.85		5469.60
MW-6	05/22/19	5481.45	ND	15.60		5465.85
MW-6	11/11/19	5481.45	ND	11.21		5470.24
MW-6	05/15/20	5481.45	ND	15.10		5466.35
MW-6	11/11/20	5481.45	ND	11.59		5469.86
MW-6	05/21/21	5481.45	ND	15.55		5465.90
MW-6	11/12/21	5481.45	ND	12.39		5469.06
MW-6	05/19/22	5481.45	ND	15.92		5465.53
MW-6	11/02/22	5481.45	ND	12.56		5468.89
MW-6	05/21/23	5481.45	ND	16.08		5465.37
MW-6	11/13/23	5481.45	ND	14.15		5467.30
MW-6	05/13/24	5481.45	ND	16.23		5465.22
MW-6	11/08/24	5481.45	ND	11.40		5470.05
MW-7	10/25/14	5481.80	ND	12.59		5469.21
MW-7	05/30/15	5481.80	ND	16.32		5465.48
MW-7	11/18/15	5481.80	ND	14.67		5467.13

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-7	04/18/16	5481.80	ND	19.09		5462.71
MW-7	10/14/16	5481.80	ND	15.66		5466.14
MW-7	06/11/17	5481.80	ND	17.44		5464.36
MW-7	11/13/17	5481.80	ND	14.67		5467.13
MW-7	05/17/18	5481.80	ND	16.62		5465.18
MW-7	10/28/18	5481.80	ND	12.01		5469.79
MW-7	05/22/19	5481.80	ND	15.86		5465.94
MW-7	11/11/19	5481.80	ND	11.37		5470.43
MW-7	05/15/20	5481.80	ND	15.35		5466.45
MW-7	11/11/20	5481.80	ND	11.78		5470.02
MW-7	05/21/21	5481.80	ND	15.79		5466.01
MW-7	11/12/21	5481.80	ND	12.63		5469.17
MW-7	05/19/22	5481.80	ND	16.23		5465.57
MW-7	11/02/22	5481.80	ND	13.11		5468.69
MW-7	05/21/23	5481.80	ND	16.32		5465.48
MW-7	11/13/23	5481.80	ND	14.45		5467.35
MW-7	05/13/24	5481.80	ND	16.51		5465.29
MW-7	11/08/24	5481.80	ND	11.55		5470.25
TMW-1	01/06/06	5481.43	ND	15.29		5466.14
TMW-1	01/09/06	5481.43	ND	15.27		5466.16
TMW-1	01/18/06	5481.43	ND	15.57		5465.87
TMW-1	06/23/08	5481.43	ND	15.04		5466.39
TMW-1	12/30/09	5481.43	ND	NA		NA
TMW-1	01/25/10	5481.43	ND	17.23		5464.20
TMW-1	05/25/10	5481.43	17.80	18.70	0.90	5463.41
TMW-1	09/24/10	5481.43	14.10	14.45	0.35	5467.25
TMW-1	11/09/10	5481.43	14.37	14.62	0.25	5467.00
TMW-1	02/01/11	5481.43	17.00	17.45	0.45	5464.32
TMW-1	05/03/11	5481.43	18.55	19.76	1.21	5462.58
TMW-1	09/27/11	5481.43	12.03	12.43	0.40	5469.30
TMW-1	11/16/11	5481.43	12.31	12.44	0.13	5469.09
TMW-1	02/16/12	5481.43	12.03	14.25	2.22	5468.85
TMW-1	05/07/12	5481.43	14.18	14.20	0.02	5467.25
TMW-1	06/07/13	5481.43	ND	13.65		5467.78
TMW-1	09/11/13	5481.43	ND	12.14		5469.29
TMW-1	12/13/13	5481.43	ND	13.90		5467.53
TMW-1	04/03/14	5481.43	17.25	17.36	0.11	5464.16
TMW-1 abandoned on September 8, 2014, and replaced with MW-8						
MW-8	10/25/14	5481.83	ND	12.50		5469.33
MW-8	05/30/15	5481.83	ND	16.28		5465.55
MW-8	11/18/15	5481.83	ND	14.60		5467.23
MW-8	04/18/16	5481.83	ND	19.11		5462.72
MW-8	10/14/16	5481.83	ND	15.61		5466.22

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	06/11/17	5481.83	17.20	18.09	0.89	5464.41
MW-8	11/13/17	5481.83	ND	14.63		5467.20
MW-8	05/17/18	5481.83	ND	16.64		5465.19
MW-8	10/28/18	5481.83	ND	11.97		5469.86
MW-8	05/22/19	5481.83	ND	15.85		5465.98
MW-8	11/11/19	5481.83	ND	11.26		5470.57
MW-8	05/15/20	5481.83	ND	15.33		5466.50
MW-8	11/11/20	5481.83	ND	11.69		5470.14
MW-8	05/21/21	5481.83	ND	15.75		5466.08
MW-8	11/12/21	5481.83	ND	12.55		5469.28
MW-8	05/19/22	5481.83	ND	16.20		5465.63
MW-8	11/02/22	5481.83	ND	13.04		5468.79
MW-8	05/21/23	5481.83	ND	16.32		5465.51
MW-8	11/13/23	5481.83	ND	14.38		5467.45
MW-8	05/13/24	5481.83	ND	16.51		5465.32
MW-8	11/08/24	5481.83	ND	11.45		5470.38

Notes:

"ft" = feet

"TOC" = Top of casing

LNAPL = light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = Presence or Absence of LNAPL not recorded

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

FIGURES

FIGURE 1: SITE LOCATION

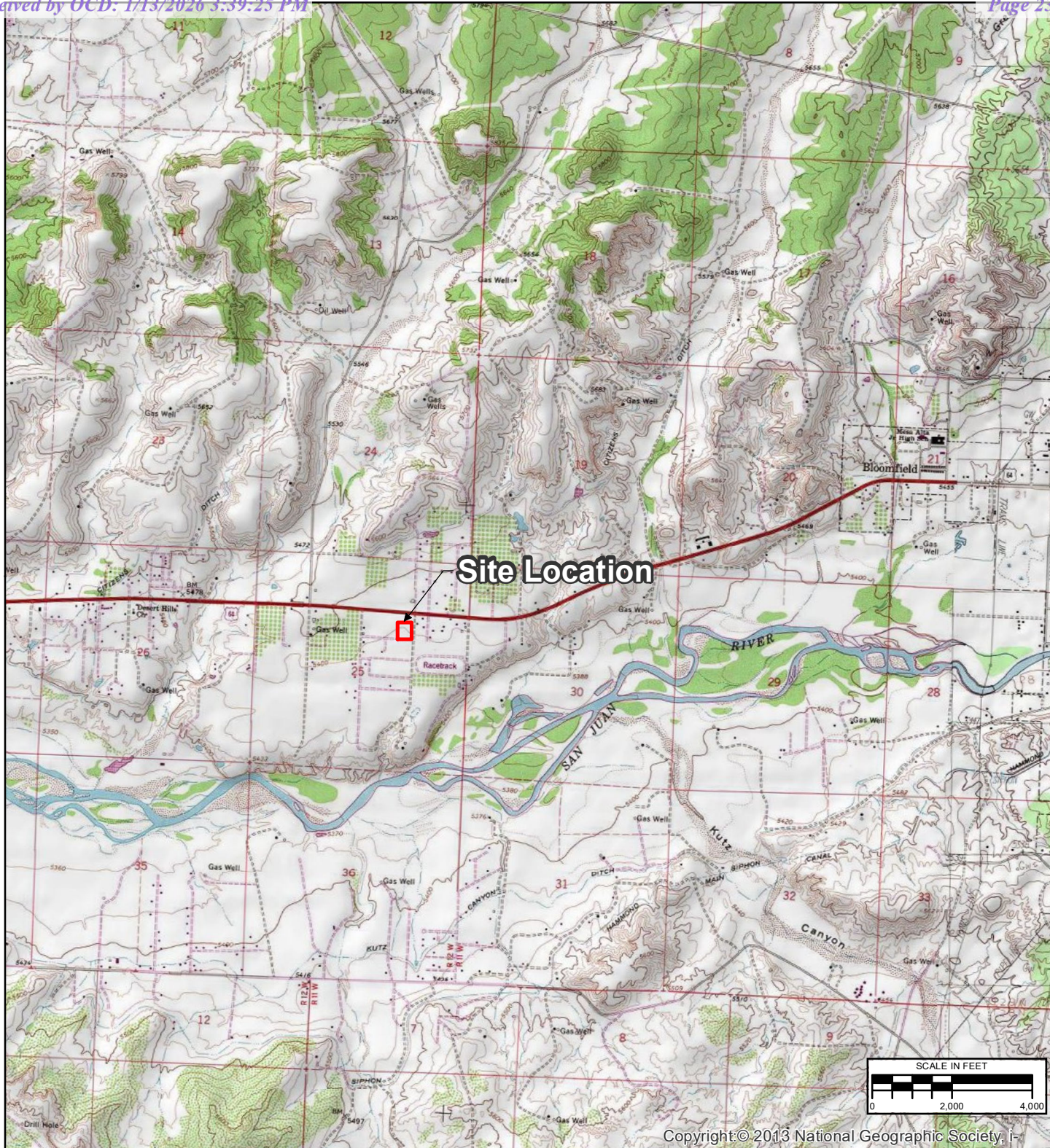
FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS – MAY 13, 2024

FIGURE 4: GROUNDWATER ELEVATION MAP – MAY 13, 2024

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS – NOVEMBER 8, 2024

FIGURE 6: GROUNDWATER ELEVATION MAP – NOVEMBER 8, 2024



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2/22/2021	SAH	SAH	SRV

TITLE		
SITE LOCATION		
PROJECT	GALLEGOS CANYON UNIT COM A #142E SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO	FIGURE
		1

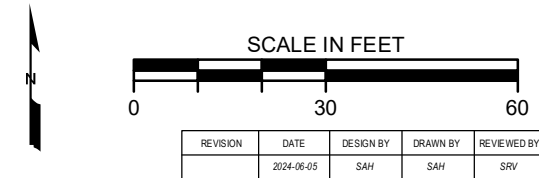
\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CAYON UNIT #142E\2024 MAPS\GCU#142E_SITEMAP_2024.mxd



LEGEND:

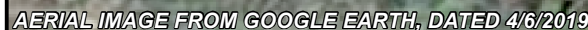
- APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UNKNOWN LINE (POTENTIALLY ABANDONED)
- LOCATION OF FORMER 95 BARREL UST REMOVED 7/19/2011
- FENCE
- PRODUCED WATER LINE
- UNDERGROUND CABLE
- UNDERGROUND GAS LINE
- APPROXIMATE FORMER DITCH
- APPROXIMATE EXTENT OF 10/1996 EPNG SOIL EXCAVATION (EXCAVATED TO 15.5 FEET)
- MONITORING WELL
- ABANDONED MONITORING WELL
- SOIL BORING
- SIMCOE MONITORING WELL
- BP WELL (10/29/2018)
- WELLHEAD
- SMA BENCHMARK
- RIG ANCHOR

NOTES:
UTILITY LOCATIONS ARE APPROXIMATE.
MW-4 WAS A SOIL BORING ONLY (NO WELL CONSTRUCTED).
BP FORMER PIT AND EXCAVATION PERIMETER INFORMATION OBTAINED FROM 06/24/2011 FIGURE FROM BLAGG ENGINEERING.



TITLE: SITE PLAN	
PROJECT: GALLEGOS CANYON UNIT COM A #142E SAN JUAN COUNTY, NEW MEXICO	
Stantec	Figure No.: 2

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\ MXDs\GALLEGOS CAYON UNIT #142E\2024 MAPS\GCU#142E GARM 1SA 2024.mxd



\\cd1001-c200\CTX-CIFSS\WD\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CAYON UNIT #142E\2024 MAPS\GCU#142E_GECM_1SA_2024.mxd

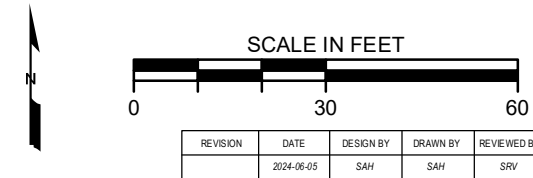


LEGEND:

- 5795 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- UNKNOWN LINE (POTENTIALLY ABANDONED)
- LOCATION OF FORMER 95 BARREL UST REMOVED 7/19/2011
- FENCE
- PW PRODUCED WATER LINE
- UGC UNDERGROUND CABLE
- G UNDERGROUND GAS LINE
- APPROXIMATE FORMER DITCH
- APPROXIMATE EXTENT OF 10/1996 EPNG SOIL EXCAVATION (EXCAVATED TO 15.5 FEET)
- MONITORING WELL
- ABANDONED MONITORING WELL
- SOIL BORING
- SIMCOE MONITORING WELL
- BP WELL (10/29/2018)
- WELLHEAD
- SMA BENCHMARK
- RIG ANCHOR

NOTES:

- 5465.38 GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- 5465.25 WATER LEVEL ELEVATION CONTOUR (DASHED WHERE INFERRED, FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW
- UTILITY LOCATIONS ARE APPROXIMATE.
- MW-4 WAS A SOIL BORING ONLY (NO WELL CONSTRUCTED).
- BP FORMER PIT AND EXCAVATION PERIMETER INFORMATION OBTAINED FROM 06/24/2011 FIGURE FROM BLAGG ENGINEERING.



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-06-05	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 13, 2024

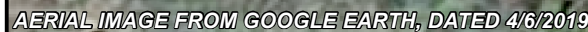
PROJECT:

GALLEGOS CANYON UNIT COM A #142E
SAN JUAN COUNTY, NEW MEXICO

Figure No.: **4**

Stantec

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\ MXDs\GALLEGOS CAYON UNIT #142E\2024 MAPS\GCU#142E GARM 2SA 2024.mxd



\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\ MXDs\GALLEGOS CAYON UNIT #142E\2024 MAPS\GCU#142E GEOM 2SA 2024.mxd



APPENDICES

APPENDIX A – SITE HISTORY

APPENDIX B – NMOCD NOTIFICATION OF SITE ACTIVITIES

APPENDIX C – WASTE DISPOSAL DOCUMENTATION

APPENDIX D – GROUNDWATER ANALYTICAL LAB REPORTS

APPENDIX A

Site History

GCU Com A #142E
Site History
San Juan River Basin, New Mexico

Date	Source (Regulatory File #)	Event/Action	Description/Comments
10/26/1984	API # 30-045-26125	Application for Permit to Drill	Amoco Production Company is operator.
1/7/1985	API # 30-045-26125	Sundry Notice	Spud and set casing. Spudded 12/4/1984, rig released 12/14/1984.
2/4/1985	API # 30-045-26125	Well Completion Report	Well completed 1/17/1985. First production 1/30/1985.
9/16/1995	nAUTOfAB000219	EPFS Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Outlines approach to investigating and remediating soil and groundwater at closed pit sites.
11/29/1995	nAUTOfAB000219	EPFS Addendum to the Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Amends work plan for include installation of additional wells for delienation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWQCC standards.
11/30/1995	nAUTOfAB000219	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
6/2/1997	nAUTOfAB000219 (3RP-179)	Semi-annual EPFS Pit Projects Groundwater Report	Lists pits where groundwater was encountered.
8/6/1997	nAUTOfAB000219 (3RP-179)	NMOCD review letter	Approves modifying reporting schedule from semi-annual to annual basis.
2/27/1998	nAUTOfAB000219 (3RP-179)	Phillip Services' 1997 Annual Report (for EPFS)	Documents pit closure, over-excavation, MW-1 installation and quarterly groundwater sampling.
7/8/1998	nAUTOfAB000219 (3RP-179)	NMOCD 1997 Annual Report review letter	NMOCD requests EPFS work cooperatively with operator to investigate and remediate the site.
7/9/1998	nAUTOfAB000219 (3RP-179)	NMOCD letter to Amoco Production Company	NMOCD requests Amoco cooperate with EPFS to investigate and remediate contaminated groundwater at the site.
3/31/1999	nAUTOfAB000219 (3RP-179)	Phillip Services' 1998 Annual Report (for EPFS)	Quarterly groundwater monitoring.
3/24/2000	nAUTOfAB000219 (3RP-179)	Phillip Services' 1999 Annual Report (for EPFS) submitted	Annual groundwater monitoring.

GCU Com A #142E
Site History
San Juan River Basin, New Mexico

2/26/2001	nAUTOfAB000219 (3RP-179)	Phillip Services' 2000 Annual Report (for EPFS)	Annual groundwater monitoring.
7/18/2001	nAUTOfAB000219 (3RP-179)	NMOCD 2000 Annual Report review letter	NMOCD requests EPFS work cooperatively with the operator to investigate and remediate contaminated groundwater.
12/10/2001	API # 30-045-26125	Change of Operator Name	Change from Amoco Production Company to BP America Production Company.
2/28/2002	Not in NMOCD files	MWH 2001 Annual Report (for EPFS)	MW-2 installed and groundwater sampling activities.
2/28/2003	nAUTOfAB000219 (3RP-179)	MWH 2002 Annual Report (for EPFS)	Annual groundwater sampling activities.
2/26/2004	nAUTOfAB000219 (3RP-179)	MWH 2003 Annual Report (for EPFS)	Semi-annual groundwater sampling activities.
2/21/2005	Not in NMOCD files	MWH 2004 Annual Report (for EPFS)	Quarterly groundwater sampling.
3/2/2006	Not in NMOCD files	MWH 2005 Annual Report (for EPFS)	Quarterly groundwater sampling.
2/16/2007	Not in NMOCD files	MWH 2006 Annual Report (for EPFS)	TW-1 installed; quarterly groundwater sampling.
4/2/2008	nAUTOfAB000219 (3RP-179)	MWH 2007 Annual Report (for EPTPC)	Annual groundwater sampling activities.
2/28/2009	nAUTOfAB000219 (3RP-179)	MWH 2008 Annual Report (for EPTPC)	Annual groundwater sampling activities.
4/16/2010	nAUTOfAB000219 (3RP-179)	MWH 2009 Annual Report (for EPTPC)	Semi-annual groundwater sampling, LNAPL recovery.
3/2/2011	nAUTOfAB000219 (Case # 3RP-179)	MWH Final 2010 Annual Report (for EPTPC)	Semi-annual groundwater sampling. LNAPL recovery at MW-2.
7/28/2011	API # 30-045-26125	Blagg Engineering Field Report	Closure activities for BGT and composite sampling. No apparent evidence of a release observed from BGT.
8/16/2012	nAUTOfAB000219 (Case # 3RP-179)	MWH 2011 Annual Report (for EPCGPC)	Annual groundwater sampling and quarterly LNAPL recovery.
4/4/2014	nAUTOfAB000219 (Case # 3RP-179)	MWH 2013 Annual Report (for EPCGP)	Quarterly groundwater sampling.
5/28/2014	nAUTOfAB000219 (Case # 3RP-179)	MWH 2014 Monitoring Well Installation Work Plan (for EPCGP)	Six monitoring wells are proposed for installation.

GCU Com A #142E
Site History
San Juan River Basin, New Mexico

12/23/2014	API # 30-045-26125	BP Release Notification and Corrective Action form dated 12/23/2014 & Closure of a Pit (Form C-144) dated 12/23/2014 and stating closure was completed 7/28/2011	BGT closure sampling activities.
2/3/2015	nAUTOfAB000219 (Case # 3RP-179)	MWH 2014 Annual Report (for EPCGP)	MW-3 through MW-8 installed. Semi-annual groundwater monitoring.
2/12/2016	nAUTOfAB000219 (Case # 3RP-179)	MWH 2015 Annual Report (for EPCGP)	Semi-annual groundwater monitoring.
3/20/2017	nAUTOfAB000219 (Case # 3RP-179)	MWH 2016 Annual Report (for EPCGP)	Semi-annual groundwater monitoring.
6/2/2017	nAUTOfAB000219 (Case # 3RP-179)	Letter from NMOCD to El Paso	Remediation plan requested.
7/19/2017	nAUTOfAB000219 (Case # 3RP-179)	Response letter from EPCGPC to NMOCD	BP release information requested before EPCGP conducts additional work.
11/14/2017	nAUTOfAB000219 (Case # 3RP-179)	Letter from NMOCD to EPCGP	NMOCD will open a file related to BP. It will soon appear as 3RP-1055 (GCU A #142E). BP will soon provide their monitoring data for these files.
3/28/2018	nAUTOfAB000219 (Case # 3RP-179)	Stantec 2017 Annual Report (for EPCGP)	Semi-annual groundwater monitoring activities.
4/5/2018	API # 30-045-26125	BP Release Notification and Corrective Action	Historical discharge noted from 1996 pit closure and excavated. During BGT closures in 2010, additional impacts were identified. BP installed several monitoring wells at those times.
4/5/2018	API # 30-045-26125	BP Groundwater Delineation Plan	Install two additional monitoring wells and conducting sampling.
7/16/2018	NAPM2321248396 (Case # 3RP-1055)	BP Impact Investigation Report (Blagg Engineering)	Documents installation of 3 monitoring wells and site-wide groundwater sampling results. (submitted under a C-141 for incident dated 9/5/2024)
1/25/2019	Not in NMOCD files	Stantec 2018 Groundwater Sampling Activities, Site Conceptual Model and Request for Site Closure (for EPCGP)	EPCGP requests closure of the Site.

GCU Com A #142E
Site History
San Juan River Basin, New Mexico

4/1/2020	nAUTOfAB000219	Stantec 2019 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities.
4/2/2020	API # 30-045-26125	Change of Operator	Changed from BP America Production Company to SIMCOE LLC.
4/8/2021	nAUTOfAB000219	Stantec 2020 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities. Report approved by NMOCD 1/30/2024.
4/20/2022	nAUTOfAB000219	Stantec 2021 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities. Report approved by NMOCD 4/30/2024.
3/27/2023	nAUTOfAB000219	Stantec 2022 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities. Report approved by NMOCD 5/3/2024.
3/7/2024	Not in NMOCD files	EPCGP and NMOCD conference call.	Discussed justification for No Further Action (NFA) request at the site. A slide presentation was provided to NMOCD.
3/21/2024	nAUTOfAB000219	Stantec 2023 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities.

APPENDIX B

NMOCD Notification of Site Activities

From: [Varsa, Steve](#)
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: [Wiley, Joe](#); [Buchanan, Michael, EMNRD](#)
Subject: FW: El Paso CGP Company - Notice of upcoming groundwater sampling activities (nAUTOfAB000668 - State Gas Com N#1)
Date: Monday, May 13, 2024 7:23:34 AM

Please note the work at the subject location has been rescheduled for May 19, 2024. For the remaining sites below, note the correct year is 2024, not 2023.

Thank you,
Steve

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

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From: Varsa, Steve
Sent: Tuesday, May 7, 2024 4:34 PM
To: 'OCD.ENVIRO@EMNRD.NM.GOV' <OCD.ENVIRO@EMNRD.NM.GOV>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrn.nm.gov>; Wiley, Joe <Joe_Wiley@kindermorgan.com>
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities

Pursuant to El Paso CGP's Groundwater Remediation Plan, this correspondence is to provide notice to the NMOCD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	5/15/2023
Fields A#7A	nAUTOfAB000176	5/17/2023
Fogelson 4-1	nAUTOfAB000192	5/14/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	5/14/2023
GCU Com A #142E	nAUTOfAB000219	5/13/2023
James F. Bell #1E	nAUTOfAB000291	5/14/2023
Johnston Fed #4	nAUTOfAB000305	5/15/2023
Johnston Fed #6A	nAUTOfAB000309	5/15/2023
K27 LDO72	nAUTOfAB000316	5/16/2023
Knight #1	nAUTOfAB000324	5/14/2023
Lateral L 40 Line Drip	nAUTOfAB000335	5/17/2023
Sandoval GC A #1A	nAUTOfAB000635	5/15/2023
Standard Oil Com #1	nAUTOfAB000666	5/16/2023
State Gas Com N #1	nAUTOfAB000668	5/13/2023

From: [Varsa, Steve](#)
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: [Buchanan, Michael, EMNRD](#); [Bratcher, Michael, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Monday, October 28, 2024 11:07:52 AM

Pursuant to El Paso CGP's Groundwater Remediation Plan, this correspondence is to provide notice to the NMOCDD of upcoming semi-annual groundwater sampling and monitoring activities at the following EPCGP project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOAB000065	11/9/2024
Fields A#7A	nAUTOAB000176	11/8/2024
Fogelson 4-1	nAUTOAB000192	11/5/2024
Gallegos Canyon Unit #124E	nAUTOAB000205	11/9/2024
GCU Com A #142E	nAUTOAB000219	11/7/2024
James F. Bell #1E	nAUTOAB000291	11/7/2024
Johnston Fed #4	nAUTOAB000305	11/8/2024
Johnston Fed #6A	nAUTOAB000309	11/8/2024
K27 LDO72	nAUTOAB000316	11/9/2024
Knight #1	nAUTOAB000324	11/5/2024
Lateral L 40 Line Drip	nAUTOAB000335	11/10/2024
Sandoval GC A #1A	nAUTOAB000635	11/8/2024
Standard Oil Com #1	nAUTOAB000666	11/9/2024
State Gas Com N #1	nAUTOAB000668	11/6/2024

Quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) are to occur on Monday and Tuesday, November 4 and 5, 2024.

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

Thank you,
Steve

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

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Quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) are to occur on Monday, May 13, 2024.

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

Thank you,
Steve

Stephen Varsa, P.G., R.G.

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

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APPENDIX C

Waste Disposal Documentation



MANIFEST # **85181**
GENERATOR **EL PASO** Pit Sites
POINT OF ORIGIN **See C-138 for**
TRANSPORTER **Location** **Envirotech**
DATE **05/21/24** JOB # **14073-0090**

DATE 05/21/24 JOB # 14073-0090

RESULTS			LANDFARM EMPLOYEE	<i>Cary Robinson</i>	NOTES	<i>Pit Sites</i>
<i>434</i>	CHLORIDE TEST	<i>1</i>				
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out			
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I			
<i>Pass</i>	PAINT FILTER TEST	<i>1</i>	certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.			

Signatures required prior to distribution of the legal document.

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

BOL# 85181

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05/21/24 TIME 0945

Attach test strip here

CUSTOMER ELPASOSITE See C-138 For Johnston Fed 4DRIVER [Signature]SAMPLE Soil Straight _____ With Dirt XCHLORIDE TEST 434 mg/KgACCEPTED YES X NO _____PAINT FILTER TEST Time started 0945 Time completed 0959PASS YES X NO _____SAMPLER/ANALYST [Signature]

Bill of Lading

Envirotech Inv 66775 on 11/14/24

MANIFEST # 88384

GENERATOR EIPASO see list below .

POINT OF ORIGIN Rio Vista Comp Station

TRANSPORTER E Tech

DATE 11/15/24 JOB # 14073-0090

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

[illegible]

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

Signatures required prior to distribution of the legal document.

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

BOL# 88384

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11/15/24TIME 11:00

Attach test strip here

CUSTOMER EL PASOSITE Rio Vista Comp Station ^{SEE LIST} ^{PEU} ^{See BOL for List}DRIVER [Signature]

SAMPLE

Soil _____ Straight _____ With Dirt X

CHLORIDE TEST

400 mg/Kg

ACCEPTED

YES X

NO _____

PAINT FILTER TEST

Time started

11:00

Time completed

11:10

PASS

YES X

NO _____

SAMPLER/ANALYST [Signature]

APPENDIX D

Groundwater Analytical Lab Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/30/2024 12:57:49 PM

JOB DESCRIPTION

GCU Com A #142E.00

JOB NUMBER

400-255996-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

Eurofins Pensacola

Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
5/30/2024 12:57:49 PM

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

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Laboratory Job ID: 400-255996-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: GCU Com A #142E.00

Job ID: 400-255996-1

Job ID: 400-255996-1

Eurofins Pensacola

Job Narrative
400-255996-1

Receipt

The samples were received on 5/15/2024 9:43 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.5° C.

GC/MS VOA

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-02 (400-255996-4). Elevated reporting limits (RLs) are provided.

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

VOA Prep

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

Eurofins Pensacola

Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: TB-01

Lab Sample ID: 400-255996-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-255996-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7.7		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-01

Lab Sample ID: 400-255996-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.8		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-02

Lab Sample ID: 400-255996-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	300		5.0		ug/L	5		8260D	Total/NA
Ethylbenzene	420		5.0		ug/L	5		8260D	Total/NA
Xylenes, Total - DL	4100		250		ug/L	25		8260D	Total/NA

Client Sample ID: MW-03

Lab Sample ID: 400-255996-5

No Detections.

Client Sample ID: MW-05

Lab Sample ID: 400-255996-6

No Detections.

Client Sample ID: MW-06

Lab Sample ID: 400-255996-7

No Detections.

Client Sample ID: MW-07

Lab Sample ID: 400-255996-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.0		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-08

Lab Sample ID: 400-255996-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-255996-1	TB-01	Water	05/13/24 12:00	05/15/24 09:43
400-255996-2	DUP-01	Water	05/13/24 00:00	05/15/24 09:43
400-255996-3	MW-01	Water	05/13/24 12:21	05/15/24 09:43
400-255996-4	MW-02	Water	05/13/24 12:28	05/15/24 09:43
400-255996-5	MW-03	Water	05/13/24 12:35	05/15/24 09:43
400-255996-6	MW-05	Water	05/13/24 12:40	05/15/24 09:43
400-255996-7	MW-06	Water	05/13/24 12:46	05/15/24 09:43
400-255996-8	MW-07	Water	05/13/24 12:49	05/15/24 09:43
400-255996-9	MW-08	Water	05/13/24 12:55	05/15/24 09:43

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

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: TB-01

Lab Sample ID: 400-255996-1

Date Collected: 05/13/24 12:00

Matrix: Water

Date Received: 05/15/24 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/23/24 18:21	1
Toluene	<1.0		1.0		ug/L			05/23/24 18:21	1
Ethylbenzene	<1.0		1.0		ug/L			05/23/24 18:21	1
Xylenes, Total	<10		10		ug/L			05/23/24 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 130		05/23/24 18:21	1
Toluene-d8 (Surr)	97		64 - 132		05/23/24 18:21	1
Dibromofluoromethane	89		75 - 126		05/23/24 18:21	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: DUP-01
Date Collected: 05/13/24 00:00
Date Received: 05/15/24 09:43

Lab Sample ID: 400-255996-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.7		1.0		ug/L			05/24/24 16:03	1
Toluene	<1.0		1.0		ug/L			05/24/24 16:03	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 16:03	1
Xylenes, Total	<10		10		ug/L			05/24/24 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 130					05/24/24 16:03	1
Toluene-d8 (Surr)	102		64 - 132					05/24/24 16:03	1
Dibromofluoromethane	108		75 - 126					05/24/24 16:03	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-01
Date Collected: 05/13/24 12:21
Date Received: 05/15/24 09:43

Lab Sample ID: 400-255996-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.8		1.0		ug/L			05/23/24 18:42	1
Toluene	<1.0		1.0		ug/L			05/23/24 18:42	1
Ethylbenzene	<1.0		1.0		ug/L			05/23/24 18:42	1
Xylenes, Total	<10		10		ug/L			05/23/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 130					05/23/24 18:42	1
Toluene-d8 (Surr)	99		64 - 132					05/23/24 18:42	1
Dibromofluoromethane	91		75 - 126					05/23/24 18:42	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-02

Lab Sample ID: 400-255996-4

Date Collected: 05/13/24 12:28

Matrix: Water

Date Received: 05/15/24 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	300		5.0		ug/L			05/23/24 19:03	5
Toluene	<5.0		5.0		ug/L			05/23/24 19:03	5
Ethylbenzene	420		5.0		ug/L			05/23/24 19:03	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 130					05/23/24 19:03	5
Toluene-d8 (Surr)	104		64 - 132					05/23/24 19:03	5
Dibromofluoromethane	89		75 - 126					05/23/24 19:03	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	4100		250		ug/L			05/24/24 20:40	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 130					05/24/24 20:40	25
Toluene-d8 (Surr)	102		64 - 132					05/24/24 20:40	25
Dibromofluoromethane	94		75 - 126					05/24/24 20:40	25

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-03
Date Collected: 05/13/24 12:35
Date Received: 05/15/24 09:43

Lab Sample ID: 400-255996-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 16:26	1
Toluene	<1.0		1.0		ug/L			05/24/24 16:26	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 16:26	1
Xylenes, Total	<10		10		ug/L			05/24/24 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 130		05/24/24 16:26	1
Toluene-d8 (Surr)	101		64 - 132		05/24/24 16:26	1
Dibromofluoromethane	107		75 - 126		05/24/24 16:26	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-05

Lab Sample ID: 400-255996-6

Date Collected: 05/13/24 12:40

Matrix: Water

Date Received: 05/15/24 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 16:48	1
Toluene	<1.0		1.0		ug/L			05/24/24 16:48	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 16:48	1
Xylenes, Total	<10		10		ug/L			05/24/24 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 130		05/24/24 16:48	1
Toluene-d8 (Surr)	100		64 - 132		05/24/24 16:48	1
Dibromofluoromethane	112		75 - 126		05/24/24 16:48	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-06

Lab Sample ID: 400-255996-7

Date Collected: 05/13/24 12:46

Matrix: Water

Date Received: 05/15/24 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 17:08	1
Toluene	<1.0		1.0		ug/L			05/24/24 17:08	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 17:08	1
Xylenes, Total	<10		10		ug/L			05/24/24 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		72 - 130		05/24/24 17:08	1
Toluene-d8 (Surr)	98		64 - 132		05/24/24 17:08	1
Dibromofluoromethane	107		75 - 126		05/24/24 17:08	1

Eurofins Pensacola

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-07
Date Collected: 05/13/24 12:49
Date Received: 05/15/24 09:43

Lab Sample ID: 400-255996-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.0		1.0		ug/L			05/24/24 17:31	1
Toluene	<1.0		1.0		ug/L			05/24/24 17:31	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 17:31	1
Xylenes, Total	<10		10		ug/L			05/24/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 130					05/24/24 17:31	1
Toluene-d8 (Surr)	101		64 - 132					05/24/24 17:31	1
Dibromofluoromethane	111		75 - 126					05/24/24 17:31	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-08

Lab Sample ID: 400-255996-9

Date Collected: 05/13/24 12:55

Matrix: Water

Date Received: 05/15/24 09:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 17:53	1
Toluene	<1.0		1.0		ug/L			05/24/24 17:53	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 17:53	1
Xylenes, Total	<10		10		ug/L			05/24/24 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 130		05/24/24 17:53	1
Toluene-d8 (Surr)	100		64 - 132		05/24/24 17:53	1
Dibromofluoromethane	111		75 - 126		05/24/24 17:53	1

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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: TB-01**Lab Sample ID: 400-255996-1****Date Collected: 05/13/24 12:00****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672502	05/23/24 18:21	CAR	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-255996-2****Date Collected: 05/13/24 00:00****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 16:03	CAR	EET PEN

Client Sample ID: MW-01**Lab Sample ID: 400-255996-3****Date Collected: 05/13/24 12:21****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672502	05/23/24 18:42	CAR	EET PEN

Client Sample ID: MW-02**Lab Sample ID: 400-255996-4****Date Collected: 05/13/24 12:28****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	672502	05/23/24 19:03	CAR	EET PEN
Total/NA	Analysis	8260D	DL	25	5 mL	5 mL	672648	05/24/24 20:40	CAR	EET PEN

Client Sample ID: MW-03**Lab Sample ID: 400-255996-5****Date Collected: 05/13/24 12:35****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 16:26	CAR	EET PEN

Client Sample ID: MW-05**Lab Sample ID: 400-255996-6****Date Collected: 05/13/24 12:40****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 16:48	CAR	EET PEN

Client Sample ID: MW-06**Lab Sample ID: 400-255996-7****Date Collected: 05/13/24 12:46****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 17:08	CAR	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Client Sample ID: MW-07**Lab Sample ID: 400-255996-8****Date Collected: 05/13/24 12:49****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 17:31	CAR	EET PEN

Client Sample ID: MW-08**Lab Sample ID: 400-255996-9****Date Collected: 05/13/24 12:55****Matrix: Water****Date Received: 05/15/24 09:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 17:53	CAR	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-672502/6****Date Collected: N/A****Matrix: Water****Date Received: N/A**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672502	05/23/24 11:43	CAR	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-672648/6****Date Collected: N/A****Matrix: Water****Date Received: N/A**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 11:54	CAR	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672502/1002****Date Collected: N/A****Matrix: Water****Date Received: N/A**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672502	05/23/24 10:21	CAR	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-672648/1002****Date Collected: N/A****Matrix: Water****Date Received: N/A**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672648	05/24/24 10:17	CAR	EET PEN

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

GC/MS VOA

Analysis Batch: 672502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-255996-1	TB-01	Total/NA	Water	8260D	
400-255996-3	MW-01	Total/NA	Water	8260D	
400-255996-4	MW-02	Total/NA	Water	8260D	
MB 400-672502/6	Method Blank	Total/NA	Water	8260D	
LCS 400-672502/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 672648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-255996-2	DUP-01	Total/NA	Water	8260D	
400-255996-4 - DL	MW-02	Total/NA	Water	8260D	
400-255996-5	MW-03	Total/NA	Water	8260D	
400-255996-6	MW-05	Total/NA	Water	8260D	
400-255996-7	MW-06	Total/NA	Water	8260D	
400-255996-8	MW-07	Total/NA	Water	8260D	
400-255996-9	MW-08	Total/NA	Water	8260D	
MB 400-672648/6	Method Blank	Total/NA	Water	8260D	
LCS 400-672648/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

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

Lab Sample ID: MB 400-672502/6

Matrix: Water

Analysis Batch: 672502

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/23/24 11:43	1
Toluene	<1.0		1.0		ug/L			05/23/24 11:43	1
Ethylbenzene	<1.0		1.0		ug/L			05/23/24 11:43	1
Xylenes, Total	<10		10		ug/L			05/23/24 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		72 - 130		05/23/24 11:43	1
Toluene-d8 (Surr)	101		64 - 132		05/23/24 11:43	1
Dibromofluoromethane	108		75 - 126		05/23/24 11:43	1

Lab Sample ID: LCS 400-672502/1002

Matrix: Water

Analysis Batch: 672502

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	43.3		ug/L		87	70 - 130
Toluene	50.0	51.1		ug/L		102	70 - 130
Ethylbenzene	50.0	50.0		ug/L		100	70 - 130
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 130
o-Xylene	50.0	50.4		ug/L		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		72 - 130
Toluene-d8 (Surr)	99		64 - 132
Dibromofluoromethane	89		75 - 126

Lab Sample ID: MB 400-672648/6

Matrix: Water

Analysis Batch: 672648

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 11:54	1
Toluene	<1.0		1.0		ug/L			05/24/24 11:54	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 11:54	1
Xylenes, Total	<10		10		ug/L			05/24/24 11:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		72 - 130		05/24/24 11:54	1
Toluene-d8 (Surr)	102		64 - 132		05/24/24 11:54	1
Dibromofluoromethane	89		75 - 126		05/24/24 11:54	1

Lab Sample ID: LCS 400-672648/1002

Matrix: Water

Analysis Batch: 672648

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	44.9		ug/L		90	70 - 130
Toluene	50.0	52.8		ug/L		106	70 - 130

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

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

Lab Sample ID: LCS 400-672648/1002				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 672648							
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	50.0	50.4		ug/L		101	70 - 130
m-Xylene & p-Xylene	50.0	52.1		ug/L		104	70 - 130
o-Xylene	50.0	51.0		ug/L		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene	97		72 - 130				
Toluene-d8 (Surr)	98		64 - 132				
Dibromofluoromethane	99		75 - 126				

Eurofins Pensacola

3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001 Fax: 850-476-2671

Chain of Custody Record



Environment Testing

Client Information		Sampler: EMMA RB.		Lab PM: Whitmire, Cheyenne R		400-255996 COC		ig No(s):		COC No: 400-130500-41348.1	
Client Contact: Joe Wiley		Phone: 515-253-0830		E-Mail: Cheyenne.Witmire@et.eurofinsus.com		State of Origin:		Page: 1 of 1		Job #:	
Company: El Paso Energy Corporation		PWSID:		Analysis Requested							
Address: 1001 Louisiana Street Room S1905B		Due Date Requested: STD		Field Returned Sample (Yes or No) 8260D - BTEX - 8260 ERB							
City: Houston		TAT Requested (days): STD									
State, Zip: TX, 77002		Compliance Project: ☐ Yes ☐ No									
Phone:		PO #: WD104033									
Email: joe.wiley@kindermorgan.com		WO #: GCU #142E_ERG_ARF_5-1-2024									
Project Name: GCU Com A #142E.00		Project #: 40015823		Field Returned Sample (Yes or No) 8260D - BTEX - 8260 ERB							
Site:		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)		Special Instructions/Note:	
TB-01		5/13/2024		1200		G		Water		N N X	
DUP-01		5/13/2024		—		G		Water		N N X	
MW-01		5/13/2024		1221		G		Water		N N X	
MW-02		5/13/2024		1228		G		Water		N N X	
MW-03		5/13/2024		1235		G		Water		N N X	
MW-05		5/13/2024		1240		G		Water		N N X	
MW-06		5/13/2024		1246		G		Water		N N X	
MW-07		5/13/2024		1249		G		Water		N N X	
MW-08		5/13/2024		1255		G		Water		N N X	
ERB								Water			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological											
Deliverable Requested: I, II, III, IV, Other (specify)						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Special Instructions/QC Requirements:											
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:			
Relinquished by: Emma Brady				Date/Time: 5/13/24 1330		Company: STN		Received by: BP		Date/Time: 5/15/24 943	
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 0.5°C IR10					

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-255996-1

Login Number: 255996

List Source: Eurofins Pensacola

List Number: 1

Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.5°C IR10
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-255996-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-25



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/24/2024 4:00:59 PM

JOB DESCRIPTION

GCU Com A #142E.00

JOB NUMBER

400-265806-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

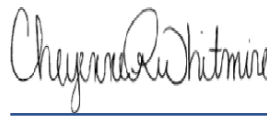
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Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
Cheyenne Whitmire, Senior Project Manager
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Laboratory Job ID: 400-265806-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: GCU Com A #142E.00

Job ID: 400-265806-1

Job ID: 400-265806-1

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Job Narrative
400-265806-1

Receipt

The samples were received on 11/12/2024 9:24 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.4° C.

GC/MS VOA

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-2 (400-265806-4). Elevated reporting limits (RLs) are provided.

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

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Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: TB-01

Lab Sample ID: 400-265806-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-265806-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.5		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-1

Lab Sample ID: 400-265806-3

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

Client Sample ID: MW-2

Lab Sample ID: 400-265806-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	310		20		ug/L	20		8260D	Total/NA
Ethylbenzene	500		20		ug/L	20		8260D	Total/NA
Xylenes, Total	3000		200		ug/L	20		8260D	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 400-265806-5

No Detections.

Client Sample ID: MW-5

Lab Sample ID: 400-265806-6

No Detections.

Client Sample ID: MW-6

Lab Sample ID: 400-265806-7

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 400-265806-8

No Detections.

Client Sample ID: MW-8

Lab Sample ID: 400-265806-9

No Detections.

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-265806-1	TB-01	Water	11/08/24 17:15	11/12/24 09:24
400-265806-2	DUP-01	Water	11/08/24 12:00	11/12/24 09:24
400-265806-3	MW-1	Water	11/08/24 17:21	11/12/24 09:24
400-265806-4	MW-2	Water	11/08/24 17:30	11/12/24 09:24
400-265806-5	MW-3	Water	11/08/24 17:37	11/12/24 09:24
400-265806-6	MW-5	Water	11/08/24 17:43	11/12/24 09:24
400-265806-7	MW-6	Water	11/08/24 17:51	11/12/24 09:24
400-265806-8	MW-7	Water	11/08/24 18:07	11/12/24 09:24
400-265806-9	MW-8	Water	11/08/24 18:15	11/12/24 09:24

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: TB-01
Date Collected: 11/08/24 17:15
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 13:50	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 13:50	1
Toluene	<1.0		1.0		ug/L			11/20/24 13:50	1
Xylenes, Total	<10		10		ug/L			11/20/24 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		72 - 130		11/20/24 13:50	1
Dibromofluoromethane	99		75 - 126		11/20/24 13:50	1
Toluene-d8 (Surr)	102		64 - 132		11/20/24 13:50	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: DUP-01
Date Collected: 11/08/24 12:00
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.5		1.0		ug/L			11/20/24 14:12	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 14:12	1
Toluene	<1.0		1.0		ug/L			11/20/24 14:12	1
Xylenes, Total	<10		10		ug/L			11/20/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					11/20/24 14:12	1
Dibromofluoromethane	102		75 - 126					11/20/24 14:12	1
Toluene-d8 (Surr)	103		64 - 132					11/20/24 14:12	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-1
Date Collected: 11/08/24 17:21
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.9		1.0		ug/L			11/20/24 14:35	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 14:35	1
Toluene	<1.0		1.0		ug/L			11/20/24 14:35	1
Xylenes, Total	<10		10		ug/L			11/20/24 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		72 - 130					11/20/24 14:35	1
Dibromofluoromethane	105		75 - 126					11/20/24 14:35	1
Toluene-d8 (Surr)	110		64 - 132					11/20/24 14:35	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-2
Date Collected: 11/08/24 17:30
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	310		20		ug/L			11/20/24 18:22	20
Ethylbenzene	500		20		ug/L			11/20/24 18:22	20
Toluene	<20		20		ug/L			11/20/24 18:22	20
Xylenes, Total	3000		200		ug/L			11/20/24 18:22	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130					11/20/24 18:22	20
Dibromofluoromethane	99		75 - 126					11/20/24 18:22	20
Toluene-d8 (Surr)	105		64 - 132					11/20/24 18:22	20

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-3
Date Collected: 11/08/24 17:37
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 14:58	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 14:58	1
Toluene	<1.0		1.0		ug/L			11/20/24 14:58	1
Xylenes, Total	<10		10		ug/L			11/20/24 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		72 - 130					11/20/24 14:58	1
Dibromofluoromethane	109		75 - 126					11/20/24 14:58	1
Toluene-d8 (Surr)	109		64 - 132					11/20/24 14:58	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-5
Date Collected: 11/08/24 17:43
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 15:21	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 15:21	1
Toluene	<1.0		1.0		ug/L			11/20/24 15:21	1
Xylenes, Total	<10		10		ug/L			11/20/24 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130					11/20/24 15:21	1
Dibromofluoromethane	101		75 - 126					11/20/24 15:21	1
Toluene-d8 (Surr)	105		64 - 132					11/20/24 15:21	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-6

Lab Sample ID: 400-265806-7

Date Collected: 11/08/24 17:51

Matrix: Water

Date Received: 11/12/24 09:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 15:43	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 15:43	1
Toluene	<1.0		1.0		ug/L			11/20/24 15:43	1
Xylenes, Total	<10		10		ug/L			11/20/24 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130		11/20/24 15:43	1
Dibromofluoromethane	103		75 - 126		11/20/24 15:43	1
Toluene-d8 (Surr)	105		64 - 132		11/20/24 15:43	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-7
Date Collected: 11/08/24 18:07
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 16:06	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 16:06	1
Toluene	<1.0		1.0		ug/L			11/20/24 16:06	1
Xylenes, Total	<10		10		ug/L			11/20/24 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130					11/20/24 16:06	1
Dibromofluoromethane	102		75 - 126					11/20/24 16:06	1
Toluene-d8 (Surr)	103		64 - 132					11/20/24 16:06	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: MW-8

Lab Sample ID: 400-265806-9

Date Collected: 11/08/24 18:15

Matrix: Water

Date Received: 11/12/24 09:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 16:29	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 16:29	1
Toluene	<1.0		1.0		ug/L			11/20/24 16:29	1
Xylenes, Total	<10		10		ug/L			11/20/24 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	114		72 - 130		11/20/24 16:29	1
Dibromofluoromethane	106		75 - 126		11/20/24 16:29	1
Toluene-d8 (Surr)	109		64 - 132		11/20/24 16:29	1

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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Client Sample ID: TB-01**Lab Sample ID: 400-265806-1****Date Collected: 11/08/24 17:15****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 13:50	WPD	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-265806-2****Date Collected: 11/08/24 12:00****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 14:12	WPD	EET PEN

Client Sample ID: MW-1**Lab Sample ID: 400-265806-3****Date Collected: 11/08/24 17:21****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 14:35	WPD	EET PEN

Client Sample ID: MW-2**Lab Sample ID: 400-265806-4****Date Collected: 11/08/24 17:30****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		20	5 mL	5 mL	691768	11/20/24 18:22	WPD	EET PEN

Client Sample ID: MW-3**Lab Sample ID: 400-265806-5****Date Collected: 11/08/24 17:37****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 14:58	WPD	EET PEN

Client Sample ID: MW-5**Lab Sample ID: 400-265806-6****Date Collected: 11/08/24 17:43****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 15:21	WPD	EET PEN

Client Sample ID: MW-6**Lab Sample ID: 400-265806-7****Date Collected: 11/08/24 17:51****Matrix: Water****Date Received: 11/12/24 09:24**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 15:43	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services, Inc.
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Job ID: 400-265806-1

Client Sample ID: MW-7
Date Collected: 11/08/24 18:07
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 16:06	WPD	EET PEN

Client Sample ID: MW-8
Date Collected: 11/08/24 18:15
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265806-9
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	8260D		1	5 mL	5 mL	691768	11/20/24 16:29	WPD	EET PEN

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

Lab Sample ID: MB 400-691768/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 08:55	WPD	EET PEN

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

Lab Sample ID: LCS 400-691768/1002
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691768	11/20/24 07:58	WPD	EET PEN

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

QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

GC/MS VOA

Analysis Batch: 691768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265806-1	TB-01	Total/NA	Water	8260D	
400-265806-2	DUP-01	Total/NA	Water	8260D	
400-265806-3	MW-1	Total/NA	Water	8260D	
400-265806-4	MW-2	Total/NA	Water	8260D	
400-265806-5	MW-3	Total/NA	Water	8260D	
400-265806-6	MW-5	Total/NA	Water	8260D	
400-265806-7	MW-6	Total/NA	Water	8260D	
400-265806-8	MW-7	Total/NA	Water	8260D	
400-265806-9	MW-8	Total/NA	Water	8260D	
MB 400-691768/4	Method Blank	Total/NA	Water	8260D	
LCS 400-691768/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

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

Lab Sample ID: MB 400-691768/4

Matrix: Water

Analysis Batch: 691768

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 08:55	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 08:55	1
Toluene	<1.0		1.0		ug/L			11/20/24 08:55	1
Xylenes, Total	<10		10		ug/L			11/20/24 08:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		72 - 130		11/20/24 08:55	1
Dibromofluoromethane	101		75 - 126		11/20/24 08:55	1
Toluene-d8 (Surr)	102		64 - 132		11/20/24 08:55	1

Lab Sample ID: LCS 400-691768/1002

Matrix: Water

Analysis Batch: 691768

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	54.3		ug/L		109	70 - 130
m-Xylene & p-Xylene	50.0	53.3		ug/L		107	70 - 130
o-Xylene	50.0	56.0		ug/L		112	70 - 130
Ethylbenzene	50.0	56.2		ug/L		112	70 - 130
Toluene	50.0	56.2		ug/L		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		67 - 134
4-Bromofluorobenzene	100		72 - 130
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	101		64 - 132

Eurofins Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-265806-1

Login Number: 265806

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc.
Project/Site: GCU Com A #142E.00

Job ID: 400-265806-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-25
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	P330-21-00056	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-25

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 542824

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 542824
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Annual Groundwater Monitoring Report accepted for record.	7/15/2026
amaxwell	Submit a request for no further action as a standalone document. If one has been previously submitted as a standalone document, please email ashley.maxwell@emnrd.nm.gov with the application ID.	7/15/2026