2023 ANNUAL GROUNDWATER REPORT

Gallegos Canyon Unit #142E Incident Number: nAUTOfAB000219 Meter Code: 03906 T29N, R12W Sec 25, Unit G

SITE DETAILS

Site Location:Latitude: 36.699300 N, Longitude: -108.046700 WLand Type:Private/FeeOperator:Simcoe LLC

SITE BACKGROUND

Environmental remediation activities at the Gallegos Canyon Unit #142 (Site) are being managed pursuant to the procedures set forth in the document entitled, "Remediation Plan for Groundwater Encountered During Pit Closure Activities" (Remediation Plan, El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the New Mexico Oil Conservation Division (NMOCD) in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into El Paso CGP Company, LLC's (EPCGP's) program methods. Currently, the Site is operated by 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 (T29N, R12W, Sec25, Unit G). 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.

The location of the Site is presented on Figure 1. 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 has been received regarding this request. In the interim, groundwater sampling continues to be conducted on a semi-annual basis.

GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the 1995 remediation plan Stantec provided access notifications via email to NMOCD on May 12, 2023, and November 2, 2023. Copies of the access notifications are provided as Appendix B. On May 21 and November 13, 2023, water levels were gauged at MW-1, MW-2,

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MW-3, MW-5, MW-6, MW-7, and MW-8. No LNAPL was detected in site monitoring wells during water level gauging in 2023.

Groundwater samples were collected from each well using HydraSleeveTM (HydraSleeve) nopurge 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 Envirotech, Inc. (Envirotech), located in Bloomfield, NM for disposal. Waste disposal documentation is included as Appendix C.

SUMMARY TABLES

Historic analytical and water level data are summarized in Table 1 and Table 2, respectively.

SITE MAPS

Groundwater analytical maps (Figures 3 and 5) and groundwater elevation contour maps (Figures 4 and 6) summarize results of the 2023 groundwater sampling and gauging events.

ANALYTICAL LAB REPORTS

The groundwater analytical lab reports are included as Appendix D.

GROUNDWATER RESULTS

- The groundwater elevations indicate the flow direction at the Site was generally to the east-southeast during 2023 (see Figures 4 and 6).
- The concentration of benzene detected in at least one groundwater sample collected from MW-1, MW-2, and MW-8 in 2023 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. Monitoring wells MW-1, MW-2, and MW-8 are located hydraulically downgradient from the BP release, and wells MW-2 and MW-8 are upgradient from the original EPCGP pit being addressed under this incident number. Detections of benzene in remaining groundwater samples collected from Site monitoring wells in 2023 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 the site monitoring wells sampled in 2023.

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- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in the site monitoring wells sampled in 2023.
- The concentration of total xylenes detected in the groundwater samples collected from MW-2 in 2023 exceeded the NMWQCC standard (620 µg/L) in May and November 2023. Detections of total xylenes in remaining ground water samples collected from Site monitoring wells in 2023 were below the NMWQCC standard or were not detected.
- A field duplicate was collected from monitoring wells MW-8 during the May 2023 sampling event, and from MW-1 during the November 2023 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 2023 groundwater monitoring events.

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.

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TABLES

TABLE 1 – GROUNDWATER ANALYTICAL RESULTSTABLE 2 – GROUNDWATER ELEVATION RESULTS

	Gallegos Canyon Unit #142E								
		Benzene	Toluene	Ethylbenzene	Total Xylenes				
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)				
	CC 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	<0.30	6.9	20				
MW-1	04/03/14	560	< 3.8	<2.0	<6.5				
MW-1	10/25/14	560	<0.70	1.9	<0.5 3J				
MW-1	05/30/15	270	< 5.0	1.9	32				
MW-1				26	250				
	11/18/15	990	1.6	20	200				

	Ga	llegos Can			
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
	C 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-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
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

Gallegos Canyon Unit #142E								
		Benzene	Toluene	Ethylbenzene	Total Xylenes			
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)			
NMWQC	C Standards:	10	750	750	620			
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-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			
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			

.

	Ga	llegos Can	yon Unit #	#142E	
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQC	C Standards:	10	750	750	620
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-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-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
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

	Ga	llegos Can	-		
		Benzene	Toluene	Ethylbenzene	Total Xylenes
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)
NMWQCC Standards:		10	750	750	620
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-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
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
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

TABLE 1 - GROUNDWATER ANALYTICAL RESULTS

	Ga	llegos Can	yon Unit #	#142E					
		Benzene	Toluene	Ethylbenzene	Total Xylenes				
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)				
NMWQCO	C Standards:	10	750	750	620				
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				

Notes:

"NS" = Not sampled

 μ g/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

		G	allegos Can	yon Unit #	142E	
			Depth to	Depth to	LNAPL	GW Elevation
Location	Date	ТОС	LNAPL (ft.)	Water (ft.)	Thickness (ft.)	(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

	Gallegos Canyon Unit #142E								
		_	Depth to	Depth to	LNAPL	GW Elevation			
Location	Date	тос	LNAPL (ft.)	Water (ft.)	Thickness (ft.)	(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-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			
MW-2	05/30/15	5481.56	ND	15.92		5465.64			
MW-2	11/18/15	5481.56	ND	14.26		5467.30			

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.

		G	allegos Can	yon Unit #1	142E	
			Depth to	Depth to	LNAPL	GW Elevation
Location	Date	TOC	LNAPL (ft.)	Water (ft.)	Thickness (ft.)	(ft.)
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-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-5	10/25/14	5482.04	ND	12.73		5469.31
MW-5	05/30/15	5482.04	ND	16.50		5465.54
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

	Gallegos Canyon Unit #142E								
			Depth to	Depth to	LNAPL	GW Elevation			
Location	Date	тос	LNAPL (ft.)	Water (ft.)	Thickness (ft.)	(ft.)			
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-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		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-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			
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			

		G	allegos Can	iyon Unit #′	142E	
			Depth to	Depth to	LNAPL	GW Elevation
Location	Date	ТОС	LNAPL (ft.)	Water (ft.)	Thickness (ft.)	(ft.)
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
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
			-		d replaced with M	
MW-8		5481.83		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
NW-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

TABLE 2 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #142E						
LocationDateDepth toDepth toLNAPLGW ElevationLocationDateTOCLNAPL (ft.)Water (ft.)Thickness (ft.)(ft.)						
MW-8	05/21/23	5481.83	ND	16.32		5465.51
MW-8	11/13/23	5481.83	ND	14.38		5467.45

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] \times 0.75). A specific gravity of 0.75 is within the range of gas condensate (<u>https://www.sciencedirect.com/topics/earth-and-planetary-sciences/gas-condensate</u>)

FIGURES

FIGURE 1: SITE LOCATION

- FIGURE 2: SITE PLAN
- FIGURE 3: GROUNDWATER ANALYTICAL RESULTS MAY 21, 2023
- FIGURE 4: GROUNDWATER ELEVATION MAP MAY 21, 2023
- FIGURE 5: GROUNDWATER ANALYTICAL RESULTS NOVEMBER 13, 2023
- FIGURE 6: GROUNDWATER ELEVATION MAP NOVEMBER 13, 2023



Released to Imaging: 6/16/2025 11:26:00 AM



<u>LEGEND:</u>

<u>—5795</u> —	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			
—G— —	UNDERGROUND GAS LINE			
	APPROXIMATE FORMER DITCH APPROXIMATE EXTENT OF 10/1996 EPNG SOIL EXCAVATION (EXCAVATED TO 15.5 FEET)			
+	MONITORING WELL			
0	ABANDONED MONITORING WELL			
+	SOIL BORING			
	SIMCOE MONITORING WELL			
	BP WELL (10/29/2018)			
۲	WELLHEAD			
۵	SMA BENCHMARK			
Ø	RIG ANCHOR			
ru I	SCALE IN FEET			
٩	REVISION DATE DESIGN BY DRAWN BY REVEWED BY 2024-02-09 SAH SAH SRV			
TITLE:				
SITE PLAN				
PROJECT: GALLEGOS CANYON UNIT COM A #142E SAN JUAN COUNTY, NEW MEXICO				
	Stantec Figure No.: 2			



LEGEND:

<u> </u>	APPRO CONTC						
	ACCES	S ROAL)				
	UNKNOWN LINE (POTENTIALLY ABANDONED)						
————	LOCATION OF FORMER 95 BARREL UST REMOVED 7/19/2011 FENCE						
— P W —	PRODU						
					-		
					_		
—G— —	UNDER						
	APPRO						
	APPRO SOIL EX 15.5 FE	KCAVAT					-
•	MONIT	ORING	WELL				
\otimes	ABAND		IONI	TOF	RING	WELL	
\$	SOIL BO	ORING					
	SIMCO	E MONI	TORI	١G	WELI	-	
	BP WELL (10/29/2018)						
۲	WELLHEAD						
Δ	SMA BENCHMARK						
Ø	RIG AN	CHOR					
NOTES: UTILITY LOCATIC BP FORMER PIT FROM 06/24/2011 EXPLANATION O RESULTS IN BOL IN EXCESS OF TI	AND EXCA FIGURE F F ANALYT DFACE/RE	VATION P ROM BLA ES AND A	ERIME [®] GG EN PPLIC/ IDICAT	GINE ABLE E CC	ERING ESTAN NCEN	B. DARDS:	DBTAINED
NS = NOT SAMPL µg/L = MICROGR/ <1 = BELOW REP	.ED AMS PER L	ITER					
ANALYTE		NMWQC	C STA	ND	ARDS		
B = Benzene T = Toluene		10 μg/l 750 μg/l					
E = Ethylbenzer X = Total Xylene		750 μg/l 620 μg/l	-				
	55	020 µg/i	-				
		S	CALE	IN	FEET		
h							
	0 Г	REVISION	DATE	30	ESIGN BY	DRAWN BY	60 REVIEWED BY
•		REVISION	2024-02-0	_	SAH	SAH	SRV
TITLE:							
GROUNDWATER ANALYTICAL RESULTS MAY 21, 2023							
PROJECT:				-			
GALLE SAN	GOS CA I JUAN						2E
					e No.:		
5	Stant	ec				3	



LEGEND:

<u>LLGLND.</u>									
5795	APPROX. GROUNI CONTOUR AND EL								
	ACCESS ROAD								
	UNKNOWN LINE (F ABANDONED)	POTENTIA	LLY						
	LOCATION OF FORMER 95 BARREL UST REMOVED 7/19/2011 FENCE								
— P₩- —	PRODUCED WATER LINE								
—use —usc	UNDERGROUND C	ABLE							
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+	SIMCOE MONITORING WELL								
+	BP WELL (10/29/2018)								
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Δ	SMA BENCHMARK								
Ø	RIG ANCHOR								
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GROUNDWATER ELEVATION MAP MAY 21, 2023									
PROJECT:									
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	Stantec	Figure No.:	4	SAN JUAN COUNTY, NEW MEXICO Figure No.: 4					

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LEGEND:

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PROJECT: GALLE SAN		ANYON COUN	-	-	-		2 E
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LEGEND:

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GROUNDWATER ELEVATION MAP NOVEMBER 13, 2023							
PROJECT: GALLEGOS CANYON UNIT COM A #142E							
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	San Juan County, New Mexico Figure No.: 6						

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



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	Unknown	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	Unknown	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	Unknown	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 closre, 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.

-			
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.

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 and MW-5 through MW-8 installed and one soil boring (SB-4) advanced. 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.
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.
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.

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

4/8/2021	nAUTOfAB000219	Stantec 2020 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities.
4/20/2022	Not in NMOCD files	Stantec 2021 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities.
3/27/2023	Not in NMOCD files	Stantec 2022 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater monitoring activities.

APPENDIX B

NMOCD Notification of Site Activities



From:	Varsa, Steve
To:	nelson.valez@state.nm.us
Cc:	Bratcher, Mike, EMNRD; Wiley, Joe
Subject:	El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date:	Friday, May 12, 2023 9:54:16 PM

Hi Nelson -

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	5/20/2023
Fields A#7A	nAUTOfAB000176	5/21/2023
Fogelson 4-1	nAUTOfAB000192	5/18/2023
Gallegos Canyon Unit #124E	nAUTOfAB000205	5/17/2023
GCU Com A #142E	nAUTOfAB000219	5/21/2023
James F. Bell #1E	nAUTOfAB000291	5/18/2023
Johnston Fed #4	nAUTOfAB000305	5/19/2023
Johnston Fed #6A	nAUTOfAB000309	5/19/2023
K27 LDO72	nAUTOfAB000316	5/20/2023
Knight #1	nAUTOfAB000324	5/17/2023
Lateral L 40 Line Drip	nAUTOfAB000335	5/21/2023
Sandoval GC A #1A	nAUTOfAB000635	5/19/2023
Standard Oil Com #1	nAUTOfAB000666	5/20/2023
State Gas Com N #1	nAUTOfAB000668	5/22/2023

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Wednesday, May 17, 2023.

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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From:	Varsa, Steve
То:	nelson.valez@state.nm.us
Cc:	Bratcher, Mike, EMNRD; Wiley, Joe
Subject:	El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date:	Thursday, November 2, 2023 6:17:33 AM

Hi Nelson -

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

Site Name	Incident Number	Sample Date		
Canada Mesa #2	nAUTOfAB000065	11/12/2023		
Fields A#7A	nAUTOfAB000176	11/15/2023		
Fogelson 4-1	nAUTOfAB000192	11/8/2023		
Gallegos Canyon Unit #124E	nAUTOfAB000205	11/9/2023		
GCU Com A #142E	nAUTOfAB000219	11/9/2023		
James F. Bell #1E	nAUTOfAB000291	11/15/2023		
Johnston Fed #4	nAUTOfAB000305	11/11/2023		
Johnston Fed #6A	nAUTOfAB000309	11/11/2023		
K27 LDO72	nAUTOfAB000316	11/12/2023		
Knight #1	nAUTOfAB000324	11/7/2023		
Lateral L 40 Line Drip	nAUTOfAB000335	11/16/2023		
Sandoval GC A #1A	nAUTOfAB000635	11/11/2023		
Standard Oil Com #1	nAUTOfAB000666	11/12/2023		
State Gas Com N #1	nAUTOfAB000668	11/10/2023		

We also plan to conduct quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) on Tuesday, November 7, 2023.

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





OCD: 3/21/2024 7:14:32 AM

Received by

C			Dtech					genera Point c Transp	ST # 794 TOR KIN DF ORIGIN R ORTER F	der M io Viste uvirote	Comp Statio	
LOAD		-	COMPLETE DESCRIPT	ON OF SHIF	MENT	<u> </u>			TRANSPO	RTING COMPANY		
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
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	CHLORIDE TEST	<u> </u>	Soil w/ Debris After					Dut				
Pass	CHLORIDE TEST PAINT FILTER TEST	1	By signing as the dr certify the material Into the load. Landfa	is from the	above ment	tioned Gene	erator/Point o	of Origin and I	that no addition	al material ha	d to or tampered with. 1 as been added or mixed cordingly. 557-0109	
Generat	or Onsite Contact	bear	A 1						+		557-0109	

Signatures required prior to distribution of the legal document.

Received by OCD: 3/21/2024 7:14:32 AM

Benvir	otech	BOL# 79427	
CHL	ORIDE TESTING / P	AINT FILTER TES	STING
DATE 5/22	2023TIME	1550	Attach test strip here
CUSTOMER	Kinder Morgan		AD A
SITE	Bio Vista Comp	Station Blancon	last Pit B
DRIVER	- Austri Say		sites
SAMPLE	Soil Straight	With Dirt	
CHLORIDE TEST	-281 mg/Kg		
ACCEPTED	YES	NO	- 5
PAINT FILTER TEST	Time started 1560	Time completed 1600	4
PASS	YES	NO	
SAMPLER/ANALYST	Mandertal		
	V		

5796 US Hwy 64, Farmington, NM 87401 Ph (505) 632-0615 #r (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com

Received by OCD: 3/21/2024 7:14:32 AM

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PHONE			U.S. HIGHWAY 64 •	Bill of Lading GE PC TF FARMINGTON, NEW MEXICO 87401 DA				GEN POIN TRAN	IANIFEST # 82577 ENERATOR <u>EL POSO</u> OINT OF ORIGIN <u>See the C-1386</u> RANSPORTER <u>Envirotech</u> ATE <u>11 16 2</u> JOB # <u>14073-0081</u> TRANSPORTING COMPANY			
NO.	DESTINATION		MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#		TIME	DRIVER SIGNATURE	
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				~		1						
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	CHLORIDE TEST		□ Soil w/ Debris □ Afte									
Pass	CHLORIDE TEST PAINT FILTER TEST	1	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to o certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been into the load. Landfarm employee signature is certification of the above material being received and placed according to the load.						as been added or mixed			

Generator Onsite Contact

Phone

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records / Billing Yellow - Customer Pink - LF Copy
Benvir	otech BOL# 8257	7
CHL	ORIDE TESTING / PAINT FILTER TE	STING
DATE _1(/16	123 TIME 1430	Attach test strip here
CUSTOMER	ELPASO	QUAR
SITE	See Bol 82577	<u> </u>
DRIVER	Stoven by Comple	9
SAMPLE	Soil Straight With Dirt	8
CHLORIDE TEST	-272 mg/Kg	7
ACCEPTED	YES NO	5
PAINT FILTER TEST	Time started 1430 Time completed 1441	4
PASS	YES NO	2
SAMPLER/ANALYST	- C-pl	1-
	/	

5796 US Hwy 64, Farmington, NM 87401 Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com Released to Imaging: 6/16/2025 11:26:00 AM

APPENDIX D

Groundwater Analytical Lab Reports



Received by OCD: 3/21/2024 7:14:32 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa Stantec Consulting Services Inc 11311 Aurora Avenue Des Moines, Iowa 50322-7904 Generated 6/13/2023 5:53:03 PM Revision 1

JOB DESCRIPTION

GCU Com A #142E.00 SDG NUMBER GCU 142

JOB NUMBER

400-238103-1

Eurofins Pensacola 3355 McLemore Drive Pensacola FL 32514

See page two for job notes and contact information.

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 6/13/2023 5:53:03 PM **Revision 1**

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

SDG: GCU 142

Laboratory Job ID: 400-238103-1

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Case Narrative

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

Job ID: 400-238103-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-238103-1

Comments

No additional comments.

Receipt

The samples were received on 5/23/2023 9:10 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 5.2° C.

GC/MS VOA

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-2 (400-238103-4). 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.

SDG: GCU 142

Page 42 of 89

		Deleci	lion Sun	illiary	/			
Client: Stantec Consulting Service Project/Site: GCU Com A #142E.0								: 400-238103-1 SDG: GCU 142
Client Sample ID: TRIP BL	ANK					Lab Sar	nple ID: 4	00-238103-1
No Detections.								
Client Sample ID: DUP-01						Lab San	nple ID: 4	00-238103-2
No Detections.							<u> </u>	
Client Sample ID: MW-1						Lab Sar	nple ID: 4	00-238103-3
No Detections.								
Client Sample ID: MW-2						Lab San	nple ID: 4	00-238103-4
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Benzene	570		10		ug/L	10	8260D	Total/NA
Ethylbenzene	740		10		ug/L	10	8260D	Total/NA
Xylenes, Total - DL	4600		250		ug/L	25	8260D	Total/NA
Client Sample ID: MW-3						Lab Sar	nple ID: 4	00-238103-5
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Ргер Туре
Ethylbenzene	2.6		1.0		ug/L	1	8260D	Total/NA
Xylenes, Total	11		10		ug/L	1	8260D	Total/NA
Client Sample ID: MW-5						Lab Sar	nple ID: 4	00-238103-6
No Detections.								
Client Sample ID: MW-6						Lab Sar	nple ID: 4	00-238103-7
No Detections.								
Client Sample ID: MW-7						Lab San	nple ID: 4	00-238103-8
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Benzene	3.3		1.0		ug/L	1	8260D	Total/NA
Client Sample ID: MW-8						Lab Sar	nple ID: 4	00-238103-9
No Detections								

Detection Summary

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

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

Job ID: 400-238103-1 SDG: GCU 142

				- 3
Method	Method Description	Protocol	Laboratory	
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN	-
5030C	Purge and Trap	SW846	EET PEN	
00000	r arge and map	0110+0		

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 Page 45 of 89

Job ID: 400-238103-1 SDG: GCU 142

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-238103-1	TRIP BLANK	Water	05/21/23 07:00	05/23/23 09:10
400-238103-2	DUP-01	Water	05/21/23 07:05	05/23/23 09:10
400-238103-3	MW-1	Water	05/21/23 07:50	05/23/23 09:10
400-238103-4	MW-2	Water	05/21/23 07:45	05/23/23 09:10
400-238103-5	MW-3	Water	05/21/23 07:35	05/23/23 09:10
400-238103-6	MW-5	Water	05/21/23 07:30	05/23/23 09:10
400-238103-7	MW-6	Water	05/21/23 07:25	05/23/23 09:10
400-238103-8	MW-7	Water	05/21/23 07:20	05/23/23 09:10
400-238103-9	MW-8	Water	05/21/23 07:40	05/23/23 09:10

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

Client Sample ID: TRIP BLANK Date Collected: 05/21/23 07:00 Date Received: 05/23/23 09:10

Eurofins Pensacola

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5 6 7

Job ID: 400-238103-1 SDG: GCU 142

Lab Sample ID: 400-238103-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/02/23 23:22	1
Toluene	<1.0		1.0		ug/L			06/02/23 23:22	1
Ethylbenzene	<1.0		1.0		ug/L			06/02/23 23:22	1
Xylenes, Total	<10		10		ug/L			06/02/23 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		64 - 132			-		06/02/23 23:22	1
Dibromofluoromethane	113		75 - 126					06/02/23 23:22	1
4-Bromofluorobenzene	92		72 - 130					06/02/23 23:22	1

RL

1.0

1.0

1.0

10

Limits

64 - 132

75 - 126

72 - 130

MDL Unit

ug/L

ug/L

ug/L

ug/L

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

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

Result Qualifier

<1.0

<1.0

<1.0

<10

%Recovery Qualifier

92

114

92

Client Sample ID: DUP-01 Date Collected: 05/21/23 07:05 Date Received: 05/23/23 09:10

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Toluene-d8 (Surr)

Dibromofluoromethane

4-Bromofluorobenzene

Surrogate

Job ID: 400-238103-1	
SDG: GCU 142	

Lab Sample ID: 400-238103-2

		Matrix	Water	
D	Prepared	Analyzed	Dil Fac	5
		06/02/23 23:44	1	
		06/02/23 23:44	1	
		06/02/23 23:44	1	_
		06/02/23 23:44	1	7
	Prepared	Analyzed	Dil Fac	2
		06/02/23 23:44	1	0
		06/02/23 23:44	1	9
		06/02/23 23:44	1	9
				13

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

Client Sample ID: MW-1 Date Collected: 05/21/23 07:50 Date Received: 05/23/23 09:10

6/13/2023 (Rev. 1)

Job ID: 400-238103-1 SDG: GCU 142

Lab Sample ID: 400-238103-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/03/23 00:07	1
Toluene	<1.0		1.0		ug/L			06/03/23 00:07	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 00:07	1
Xylenes, Total	<10		10		ug/L			06/03/23 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		64 - 132			-		06/03/23 00:07	1
Dibromofluoromethane	116		75 - 126					06/03/23 00:07	1
4-Bromofluorobenzene	91		72 - 130					06/03/23 00:07	1

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Client: Stantec Consulting Services Inc

Client Sample Results

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5 6

7

Job ID: 400-238103-1 SDG: GCU 142

Client Sample ID: MW-2 Date Collected: 05/21/23 07:45 Date Received: 05/23/23 09:10

Project/Site: GCU Com A #142E.00

Lab Sample ID: 400-238103-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	570		10		ug/L			06/03/23 11:46	10
Toluene	<10		10		ug/L			06/03/23 11:46	10
Ethylbenzene	740		10		ug/L			06/03/23 11:46	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		64 - 132					06/03/23 11:46	10
Dibromofluoromethane	107		75 - 126					06/03/23 11:46	10
4-Bromofluorobenzene	94		72 - 130					06/03/23 11:46	10
Method: SW846 8260D -	Volatile Organic	Compound	ds by GC/MS	- DL					
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte			-	MDL	Unit ug/L	<u> </u>	Prepared	Analyzed 06/04/23 13:03	Dil Fac
Analyte Xylenes, Total	Result			MDL		<u> </u>	Prepared Prepared		25
Analyte Xylenes, Total Surrogate	Result 4600	Qualifier	RL 250	MDL		<u> </u>		06/04/23 13:03	25 Dil Fac
Analyte Xylenes, Total Surrogate Toluene-d8 (Surr) Dibromofluoromethane	Result 4600 %Recovery	Qualifier	RL 250	MDL		<u>D</u> .		06/04/23 13:03 Analyzed	

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Released to Imaging: 6/16/2025 11:26:00 AM

RL

1.0

1.0

1.0

10

Limits

64 - 132

75 - 126

72 - 130

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

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

Result Qualifier

<1.0

<1.0

2.6

11

%Recovery Qualifier

100

108

96

Client Sample ID: MW-3 Date Collected: 05/21/23 07:35 Date Received: 05/23/23 09:10

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Toluene-d8 (Surr)

Dibromofluoromethane

4-Bromofluorobenzene

Surrogate

Job ID: 400-238103-1 SDG: GCU 142

Analyzed

06/03/23 08:22

06/03/23 08:22

06/03/23 08:22

06/03/23 08:22

Analyzed

06/03/23 08:22

06/03/23 08:22

06/03/23 08:22

Lab Sample ID: 400-238103-5

Matrix: Water

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Dil Fac

Dil Fac

1

1

1

1

1

1

1

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

Client Sample ID: MW-5 Date Collected: 05/21/23 07:30 Date Received: 05/23/23 09:10

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5 6 7

Job ID: 400-238103-1 SDG: GCU 142

Lab Sample ID: 400-238103-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/03/23 08:44	1
Toluene	<1.0		1.0		ug/L			06/03/23 08:44	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 08:44	1
Xylenes, Total	<10		10		ug/L			06/03/23 08:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		64 - 132			-		06/03/23 08:44	1
Dibromofluoromethane	114		75 - 126					06/03/23 08:44	1
4-Bromofluorobenzene	92		72 - 130					06/03/23 08:44	1

RL

1.0

1.0

1.0

10

Limits

64 - 132

75 - 126

72 - 130

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

Client Sample ID: MW-6 Date Collected: 05/21/23 07:25 Date Received: 05/23/23 09:10

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Toluene-d8 (Surr)

Dibromofluoromethane

4-Bromofluorobenzene

Surrogate

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

Result Qualifier

<1.0

<1.0

<1.0

<10

%Recovery Qualifier

92

113

91

Lab Sample ID: 400-238103-7

Analyzed

06/03/23 09:07

06/03/23 09:07

06/03/23 09:07

06/03/23 09:07

Analyzed

06/03/23 09:07

06/03/23 09:07

06/03/23 09:07

Matrix: Water

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Dil Fac

Dil Fac

1

1

1

1

1

1

1

Job ID: 400-238103-1 SDG: GCU 142

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

Client Sample ID: MW-7 Date Collected: 05/21/23 07:20 Date Received: 05/23/23 09:10

Eurofins	Pensacola

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Job ID: 400-238103-1 SDG: GCU 142

Lab Sample ID: 400-238103-8

Matrix: Water

5 6

7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.3		1.0		ug/L			06/03/23 09:30	1
Toluene	<1.0		1.0		ug/L			06/03/23 09:30	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 09:30	1
Xylenes, Total	<10		10		ug/L			06/03/23 09:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		64 - 132			-		06/03/23 09:30	1
Dibromofluoromethane	113		75 - 126					06/03/23 09:30	1
4-Bromofluorobenzene	92		72 - 130					06/03/23 09:30	1

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

Client Sample ID: MW-8 Date Collected: 05/21/23 07:40 Date Received: 05/23/23 09:10

Job ID: 400-238103-1
SDG: GCU 142

Lab Sample ID: 400-238103-9

Matrix: Water

5 6 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/03/23 10:38	1
Toluene	<1.0		1.0		ug/L			06/03/23 10:38	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/23 10:38	1
Xylenes, Total	<10		10		ug/L			06/03/23 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		64 - 132			-		06/03/23 10:38	1
Dibromofluoromethane	114		75 - 126					06/03/23 10:38	1
4-Bromofluorobenzene	92		72 - 130					06/03/23 10:38	1

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

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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	5
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)	8
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
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	13
NC	Not Calculated	13 14
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

Project/Site: GCU Com A #142E.00

5 6

7 8 9

Job ID: 400-238103-1 SDG: GCU 142

Lab Sample ID: 400-238103-1

Client Sample ID: TRIP BLANK Date Collected: 05/21/23 07:00 Date Received: 05/23/23 09:10

Client: Stantec Consulting Services Inc

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627521	06/02/23 23:22	WPD	EET PEN
lient Sam	ple ID: DUI	P-01					La	b Sample I	D: 400-2	238103
ate Collecte										trix: Wate
ate Received	d: 05/23/23 0	9:10								
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627521	06/02/23 23:44	WPD	EET PEN
liont Sam		/ 1						h Sampla II		220102
Client Sam							Ld	b Sample I		230103 trix: Wat
ate Conected									IVIA	unx. wai
	Batch	Batch	D	Dil	Initial	Final	Batch	Prepared	A	l ak
Prep Type Total/NA	Type	_ <u>Method</u> 8260D	Run	Factor	Amount 5 mL	Amount 5 mL	027521	or Analyzed 06/03/23 00:07	Analyst WPD	EET PEN
-	Analysis			I	5 IIIL	5 IIIL	027521	00/03/23 00.07	VVPD	
lient Sam	ple ID: MW	-2					La	b Sample I	D: 400-2	238103
ate Collecte									Ма	trix: Wat
ate Received	d: 05/23/23 0	9:10								
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	627676	06/03/23 11:46	WPD	EET PEN
Total/NA	Analysis	8260D	DL	25	5 mL	5 mL	627747	06/04/23 13:03	WPD	EET PEN
lient Sam	ole ID: MW	-3					La	b Sample I	D: 400-	238103
Date Collecte										trix: Wat
ate Received	d: 05/23/23 0	9:10								
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627676	06/03/23 08:22	WPD	EET PEN
lient Sam	nle ID: MW	-5					la	b Sample I	D· 400-	238103
ate Collecte							Eu	o cumpic ii		trix: Wat
ate Received									ind	
-				Dil	lu:14!-1	Eine -	Detab	Duenened		
Bron Ture	Batch	Batch Method	D	Dil Eastar	Initial Amount	Final	Batch	Prepared	Analyst	Lah
Prep Type Total/NA	Analysis	8260D	Run	Factor	Amount 5 mL	Amount 5 mL	627676	or Analyzed 06/03/23 08:44	Analyst WPD	EET PEN
-				1	JIIL	JIIL				
Client Sam							La	b Sample I		
ate Collecte									Ма	trix: Wat
ate Received	a: 05/23/23 0	9:10								
					Initial	Final	Batch	Prepared		
-	Batch	Batch		Dil	Initial	Filldi	Datch	Frepareu		
Prep Type Total/NA	Batch Type	Batch Method	Run	Factor	Amount	Amount	Number	or Analyzed 06/03/23 09:07	Analyst WPD	Lab EET PEN

Matrix: Water

Client: Stantec Consulting Services Inc

Lab Chronicle

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Job ID: 400-238103-1 SDG: GCU 142

Matrix: Water

Lab Sample ID: 400-238103-8

Client Sample ID: MW-7 Date Collected: 05/21/23 07:20 Date Received: 05/23/23 09:10

Project/Site: GCU Com A #142E.00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627676	06/03/23 09:30	WPD	EET PEN
lient Sam	ple ID: MW	/-8					La	b Sample II	D: 400-2	238103
ate Collecte	d: 05/21/23 0	7:40								trix: Wat
Date Receive	d: 05/23/23 0	9:10								
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627676	06/03/23 10:38	WPD	EET PEN
Client Sam Date Collecte Date Received	d: N/A	hod Blank					Lab Sa	ample ID: N		627521 trix: Wat
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627521	06/02/23 15:01	WPD	EET PEN
Date Collecte Date Receive	d: N/A	hod Blank					Lab Sa	ample ID: N		627676 trix: Wa
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627676	06/03/23 07:59	WPD	EET PEN
Client Sam Date Collecte Date Receive	d: N/A	hod Blank					Lab Sa	ample ID: N		627747 trix: Wat
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
							007747	06/04/23 08:07	WPD	
Total/NA	Analysis	8260D		1	5 mL	5 mL	627747	00/04/23 08:07	VVPD	EET PEN
Total/NA Client Sam Date Collecte	ple ID: Lab d: N/A	8260D Control Sar	nple	1	5 mL			e ID: LCS 4	00-627	521/100
Total/NA Client Sam Date Collecte	ple ID: Lab d: N/A		nple	Dil	5 mL				00-627	521/100
Total/NA Client Sam Date Collecte	ple ID: Lab d: N/A d: N/A	Control Sar	nple			Lat	o Sampl	e ID: LCS 4	00-627	EET PEN 521/100 trix: Wat
Total/NA Client Sam Date Collecte Date Received	ple ID: Lab d: N/A d: N/A Batch	Batch	-	Dil	Initial	Lak	Batch	e ID: LCS 4 Prepared	00-627 Ma	521/100 trix: Wat
Total/NA Client Sam Date Collecte Date Received Prep Type Total/NA Client Sam Date Collecte	ple ID: Lab d: N/A Batch Type Analysis ple ID: Lab d: N/A	Batch Method	<u>Run</u>	Dil Factor	Initial Amount	Final Amount 5 mL	Batch Number 627521	e ID: LCS 4 Prepared or Analyzed	00-627 Ma <u>Analyst</u> WPD 00-627	521/10(trix: Wat <u>Lab</u> EET PEN 676/10(
Total/NA Client Sam Date Collecte Date Received Prep Type Total/NA	ple ID: Lab d: N/A Batch Type Analysis ple ID: Lab d: N/A	Batch Method 8260D	<u>Run</u>	Dil Factor	Initial Amount	Final Amount 5 mL	Batch Number 627521	Prepared or Analyzed 06/02/23 13:57	00-627 Ma <u>Analyst</u> WPD 00-627	521/100 trix: Wat
Total/NA Client Sam Date Collecte Date Received Prep Type Total/NA Client Sam Date Collecte	ple ID: Lab d: N/A Batch Type Analysis ple ID: Lab d: N/A d: N/A	Batch Method 8260D Control Sar	<u>Run</u>	Dil Factor	Initial Amount 5 mL	Final Amount 5 mL	Batch Number 627521 D Sampl	e ID: LCS 4 Prepared or Analyzed 06/02/23 13:57 e ID: LCS 4	00-627 Ma <u>Analyst</u> WPD 00-627	521/100 trix: Wat <u>Lab</u> EET PEN 676/100

Job ID: 400-238103-1 SDG: GCU 142

Matrix: Water

Lab Sample ID: LCS 400-627747/1002

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	627747	06/04/23 07:21	WPD	EET PEN

Laboratory References:

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

Eurofins Pensacola

5 6

9

Released to Imaging: 6/16/2025 11:26:00 AM

QC Association Summary Client: Stantec Consulting Services Inc

Project/Site: GCU Com A #142E.00

GC/MS VOA

Analysis Batch: 627521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-238103-1	TRIP BLANK	Total/NA	Water	8260D	
400-238103-2	DUP-01	Total/NA	Water	8260D	
400-238103-3	MW-1	Total/NA	Water	8260D	
MB 400-627521/4	Method Blank	Total/NA	Water	8260D	
LCS 400-627521/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 627676

ab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
00-238103-4	MW-2	Total/NA	Water	8260D	
00-238103-5	MW-3	Total/NA	Water	8260D	
0-238103-6	MW-5	Total/NA	Water	8260D	
0-238103-7	MW-6	Total/NA	Water	8260D	
0-238103-8	MW-7	Total/NA	Water	8260D	
0-238103-9	MW-8	Total/NA	Water	8260D	
B 400-627676/4	Method Blank	Total/NA	Water	8260D	
CS 400-627676/1002	Lab Control Sample	Total/NA	Water	8260D	

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
400-238103-4 - DL	MW-2	Total/NA	Water	8260D		
MB 400-627747/4	Method Blank	Total/NA	Water	8260D		
LCS 400-627747/1002	Lab Control Sample	Total/NA	Water	8260D		

Job ID: 400-238103-1 SDG: GCU 142

QC Sample Results

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

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

Lab Sample ID: MB 400-627521/4 Matrix: Water Analysis Batch: 627521

-	MB	МВ						
Analyte	Result	Qualifier	RL	MDL Uni	t D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	ug/			06/02/23 15:01	1
Toluene	<1.0		1.0	ug/	L		06/02/23 15:01	1
Ethylbenzene	<1.0		1.0	ug/	L		06/02/23 15:01	1
Xylenes, Total	<10		10	ug/	L		06/02/23 15:01	1

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	94		64 - 132
Dibromofluoromethane	111		75 - 126
4-Bromofluorobenzene	91		72 - 130

Lab Sample ID: LCS 400-627521/1002 Matrix: Water Analysis Batch: 627521

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	51.2		ug/L		102	70 - 130	 -
Toluene	50.0	49.1		ug/L		98	70 - 130	
Ethylbenzene	50.0	51.7		ug/L		103	70 - 130	
Xylenes, Total	100	103		ug/L		103	70 - 130	

	LCS	LCS	
Toluene-d8 (Surr)	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)			67 - 134
Toluene-d8 (Surr)	94		64 - 132
Dibromofluoromethane	106		75 - 126
4-Bromofluorobenzene	95		72 - 130

Lab Sample ID: MB 400-627676/4 Matrix: Water

Analysis Batch: 627676

	MB MB					
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Benzene	<1.0	1.0	ug/L		06/03/23 07:59	1
Toluene	<1.0	1.0	ug/L		06/03/23 07:59	1
Ethylbenzene	<1.0	1.0	ug/L		06/03/23 07:59	1
Xylenes, Total	<10	10	ug/L		06/03/23 07:59	1

	MB	MB			
Surrogate	%Recovery	Qualifier	Limits	Prepared Analyze	d Dil Fac
Toluene-d8 (Surr)	92		64 - 132	06/03/23 07	:59 1
Dibromofluoromethane	113		75 - 126	06/03/23 07	:59 1
4-Bromofluorobenzene	91		72 - 130	06/03/23 07	:59 1

Lab Sample ID: LCS 400-627676/1002 Matrix: Water

Analysis Batch: 627676

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	50.0	48.7		ug/L		97	70 - 130	
Toluene	50.0	45.8		ug/L		92	70 - 130	

Eurofins Pensacola

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Method Blank

Analyzed

06/02/23 15:01

06/02/23 15:01

06/02/23 15:01

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prepared

Dil Fac

1

1

1

Released to Imaging: 6/16/2025 11:26:00 AM

QC Sample Results

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

Job ID: 400-238103-1 SDG: GCU 142

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

Lab Sample ID: LCS 400-6 Matrix: Water	527676/1002							Cli	ient	Saı	nple ID:	Lab Control S Prep Type: T	
Analysis Batch: 627676													
				Spike	LCS	LCS						%Rec	
Analyte				Added	Result	Qualif	ier	Unit		D	%Rec	Limits	
Ethylbenzene				50.0	48.3			ug/L			97	70 - 130	
Xylenes, Total				100	96.8			ug/L			97	70 - 130	
	LCS	LCS											
Surrogate	%Recovery	Qualif	lier	Limits									
1,2-Dichloroethane-d4 (Surr)	104			67 - 134									
Toluene-d8 (Surr)	93			64 - 132									
Dibromofluoromethane	107			75_126									
4-Bromofluorobenzene	94			72 - 130									
Matrix: Water Analysis Batch: 627747												Prep Type: T	otal/NA
Analista		MB N	1B Qualifier			MDL U	!4		~	_		Amelumed	
Analyte Xylenes, Total		$\frac{\sin \alpha}{10}$	lualitier	RL 10			nit g/L		D	Р	repared	Analyzed 06/04/23 08:07	Dil Fac
				10		u;	g/L					00/04/20 00:07	1
			1B										
Surrogate	%Recov		Qualifier	Limits					-	Р	repared	Analyzed	Dil Fac
Toluene-d8 (Surr)		93		64 - 132								06/04/23 08:07	1
Dibromofluoromethane		112		75 - 126								06/04/23 08:07	1
4-Bromofluorobenzene		91		72 - 130								06/04/23 08:07	1
Lab Sample ID: LCS 400-6	527747/1002							Cli	ient	Sai	nole ID:	Lab Control	Sample
Matrix: Water												Prep Type: T	
Analysis Batch: 627747													
· · · · · , · · · · · · · · · · · · · · · · · · ·				Spike	LCS	LCS						%Rec	
Analyte				Added	Result	Qualif	ier	Unit		D	%Rec	Limits	
Xylenes, Total				100	98.5			ug/L		_	98	70 - 130	
	LCS	LCS											
Surrogate	%Recovery		lior	l imits									

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		67 - 134
Toluene-d8 (Surr)	94		64 - 132
Dibromofluoromethane	106		75 - 126
4-Bromofluorobenzene	94		72 - 130

Eurofins Pensacola

3355 McLemore Drive

Chain of Custody Record

Pensacola, FL 32514 Phone: 850-474-1001 Fax: 850-478-267

lient Information	Sarah Ga	icher 1	Sean Cl	UN UN	tmire,	Cheye	enne R	2			Carrier	Trackin	y NO(S):			COC №: 400-120294-41348.	1
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Udress: D01 Louisiana Street Room S1905B	Due Date Request	fard	L			5	ΓΤ	Ţ								Preservation Codes:	
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ouston ate, Zip:	— Star	dard														D - Nitric Acid P	- AsnaO2 - Na2O4S - Na2SO3
K, 77002	Compliance Project	ct: ∆ Yes	A No													F-MeOH R	- Na2S2O3 - Na2S2O3 - H2SO4
	WD104033				0)											H - Ascorbic Acid	- TSP Dodecahydr - Acetone
^{nail:} e.wiley@kindermorgan.com	WO #: GCU #142E_EF	RG_ARF_04	1-26-2023		s or N										2	I - ICe V	- MCAA - pH 4-5
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			Sample	Matrix	ined S	BTEX - 8									Total Number		
		Sample	Туре	(W=water, S=solid,	I FIIG	D-B1									INUL		
ample Identification	Sample Date	Sample Time		O=waste/oil, BT=Tissue, A=Air)	Field	8260D - I				digiting in the second				4	Tota	Special Instru	uctions/Note:
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DUP-01	5/21/23	705	G	Water	+	-2			++		+ +	-					
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MW-2	5/21/23	745	G	Water		2		_	++		╪═╪				2		<u></u>
MW-3	5/21/23	735	G	Water	H	2							+	\pm	1		
MW-5	5/21/23	730		Water		2			++		+				2	<i>K</i> e	L.
MW-6	5/21/23	725	G	Water		2									- 2		
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												<u> </u>			~ //		er: 06/08/2021

Released to Imaging: 6/16/2025 11:26:00 AM

Job Number: 400-238103-1 SDG Number: GCU 142

List Source: Eurofins Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Login Number: 238103 List Number: 1 Creator: Perez, Trina M

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.2°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

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

Job ID: 400-238103-1 SDG: GCU 142

Laboratory: Eurofins Pensacola

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-23
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-0689	09-01-23
California	State	2510	06-30-23
Florida	NELAP	E81010	06-30-23
Georgia	State	E81010(FL)	06-30-23
Illinois	NELAP	200041	10-09-23
Kansas	NELAP	E-10253	10-31-23
Kentucky (UST)	State	53	06-30-23
Louisiana (All)	NELAP	30976	06-30-23
Louisiana (DW)	State	LA017	12-31-23
Maryland	State	233	09-30-23
Michigan	State	9912	06-30-23
North Carolina (WW/SW)	State	314	12-31-23
Oklahoma	NELAP	9810	08-31-23
Pennsylvania	NELAP	68-00467	01-31-24
South Carolina	State	96026	06-30-23
Tennessee	State	TN02907	06-30-23
Texas	NELAP	T104704286	09-30-23
US Fish & Wildlife	US Federal Programs	A22340	06-30-23
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-23
West Virginia DEP	State	136	03-31-24

Received by OCD: 3/21/2024 7:14:32 AM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Steve Varsa Stantec Consulting Services Inc 11311 Aurora Avenue Des Moines, Iowa 50322-7904 Generated 12/4/2023 9:56:58 AM

JOB DESCRIPTION

GCU Com A #142E.00

JOB NUMBER

400-246823-1

Eurofins Pensacola 3355 McLemore Drive Pensacola FL 32514

See page two for job notes and contact information.



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 12/4/2023 9:56:58 AM

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

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2

Case Narrative

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

Job ID: 400-246823-1

Laboratory: Eurofins Pensacola

Narrative

Job Narrative 400-246823-1

Receipt

The samples were received on 11/15/2023 8:54 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 1.8° C.

GC/MS VOA

Method 8260D: The matrix spike (MS) recovery for analytical batch 400-651430 was outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2 (400-246823-2) and MW-8 (400-246823-7). 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.

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

Detection Summary

Job ID: 400-246823-1

Client Sample ID: MW-1						Lab Sam	ple ID: 4	00-246823-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Benzene	20		1.0		ug/L	1	8260D	Total/NA
Client Sample ID: MW-2						Lab Sam	ple ID: 4	00-246823-2
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Benzene	220		5.0		ug/L	5	8260D	Total/NA
Ethylbenzene	180		5.0		ug/L	5	8260D	Total/NA
Xylenes, Total	1200		50		ug/L	5	8260D	Total/NA
Client Sample ID: MW-3						Lab Sam	ple ID: 4	00-246823-3
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Ргер Туре
Ethylbenzene	4.2		1.0		ug/L	1	8260D	Total/NA
Client Sample ID: MW-5						Lab Sam	ple ID: 4	00-246823-4
No Detections.								
Client Sample ID: MW-6						Lab Sam	ple ID: 4	00-246823-5
No Detections.								
Client Sample ID: MW-7						Lab Sam	ple ID: 4	00-246823-6
No Detections.								
Client Sample ID: MW-8						Lab Sam	ple ID: 4	00-246823-7
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Benzene	450		2.0		ug/L	2	8260D	Total/NA
Client Sample ID: DUP-01						Lab Sam	ple ID: 4	00-246823-8
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Benzene	17		1.0		ug/L	1	8260D	Total/NA
Client Sample ID: TB-01						Lab Sam	ple ID: 4	00-246823-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Project/Site: GCU Com A #142E.00

Client: Stantec Consulting Services Inc

Purge and Trap

Method Summary

Job ID: 400-246823-1

EET PEN

SW846

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN

Protocol References:

5030C

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: 400-246823-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-246823-1	MW-1	Water	11/13/23 16:39	11/15/23 08:54
400-246823-2	MW-2	Water	11/13/23 14:48	11/15/23 08:54
400-246823-3	MW-3	Water	11/13/23 16:52	11/15/23 08:54
400-246823-4	MW-5	Water	11/13/23 16:59	11/15/23 08:54
400-246823-5	MW-6	Water	11/13/23 17:05	11/15/23 08:54
400-246823-6	MW-7	Water	11/13/23 17:10	11/15/23 08:54
400-246823-7	MW-8	Water	11/13/23 17:16	11/15/23 08:54
400-246823-8	DUP-01	Water	11/13/23 12:00	11/15/23 08:54
400-246823-9	TB-01	Water	11/13/23 16:00	11/15/23 08:54

5

6

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

Client Sample ID: MW-1 Date Collected: 11/13/23 16:39 Date Received: 11/15/23 08:54

Dil Fac	5
1 1 1	
1	7
Dil Fac 1 1	8
1 1	9
	13

Job ID: 400-246823-1

Lab Sample ID: 400-246823-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	20		1.0		ug/L			11/22/23 15:24	
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 15:24	
Toluene	<1.0		1.0		ug/L			11/22/23 15:24	
Xylenes, Total	<10		10		ug/L			11/22/23 15:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene	88		72 - 130			-		11/22/23 15:24	
Dibromofluoromethane	105		75 - 126					11/22/23 15:24	
Toluene-d8 (Surr)	97		64 - 132					11/22/23 15:24	

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RL

5.0

5.0

5.0

50

Limits

72 - 130

75 - 126

64 - 132

MDL Unit

ug/L

ug/L

ug/L

ug/L

Page 73 of 89

Job ID: 400-246823-1

Project/Site: GCU Com A #142E.00 Client Sample ID: MW-2 Date Collected: 11/13/23 14:48

Client: Stantec Consulting Services Inc

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

Result Qualifier

220

180

<5.0

1200

%Recovery Qualifier

95

86

114

Date Received: 11/15/23 08:54

Analyte

Toluene

Surrogate

Benzene

Ethylbenzene

Xylenes, Total

4-Bromofluorobenzene

Dibromofluoromethane

Toluene-d8 (Surr)

Lab Sample ID: 400-246823-2 Matrix: Water

D Prepared Analyzed Dil Fac 11/22/23 17:52 5 5 11/22/23 17:52 11/22/23 17:52 5 11/22/23 17:52 5 Prepared Analyzed Dil Fac 11/22/23 17:52 5 11/22/23 17:52 5 5 11/22/23 17:52 12 13

RL

1.0

1.0

1.0

10

Limits

72 - 130

75 - 126

64 - 132

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

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

Result Qualifier

<1.0

4.2

<1.0

<10

%Recovery Qualifier

99

87

114

Client Sample ID: MW-3 Date Collected: 11/13/23 16:52 Date Received: 11/15/23 08:54

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

4-Bromofluorobenzene

Dibromofluoromethane

Toluene-d8 (Surr)

Surrogate

Wator	

Dil Fac

Dil Fac

1

1

1

1

1

1

1

Page 74 of 89

Lab Sample ID: 400-246823-3 Matrix: Water

Analyzed

11/22/23 15:42

11/22/23 15:42

11/22/23 15:42

11/22/23 15:42

Analyzed

11/22/23 15:42

11/22/23 15:42

11/22/23 15:42

Job ID: 400-246823-1

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

Client Sample ID: MW-5 Date Collected: 11/13/23 16:59 Date Received: 11/15/23 08:54

Job ID: 400-246823-1

Lab Sample ID: 400-246823-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/22/23 16:01	1
Ethylbenzene	<1.0		1.0		ug/L			11/22/23 16:01	1
Toluene	<1.0		1.0		ug/L			11/22/23 16:01	1
Kylenes, Total	<10		10		ug/L			11/22/23 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
l-Bromofluorobenzene	86		72 - 130					11/22/23 16:01	1
Dibromofluoromethane	110		75 - 126					11/22/23 16:01	1
Toluene-d8 (Surr)	96		64 - 132					11/22/23 16:01	1

Eurofins Pensacola

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Client Sample ID: MW-6 Date Collected: 11/13/23 17:05 Date Received: 11/15/23 08:54

Released to Imaging: 6/16/2025 11:26:00 AM

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

Lab Sample ID: 400-246823-5 Matrix: Water

Job ID: 400-246823-1

Method: SW846 8260D -	Volatile Organic Compour	nds by GC/MS					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0	1.0	ug/L			11/22/23 16:19	1
Ethylbenzene	<1.0	1.0	ug/L			11/22/23 16:19	1
Toluene	<1.0	1.0	ug/L			11/22/23 16:19	1
Xylenes, Total	<10	10	ug/L			11/22/23 16:19	1
Surrogate	%Recovery Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88	72 - 130				11/22/23 16:19	1
Dibromofluoromethane	110	75 - 126				11/22/23 16:19	1
Toluene-d8 (Surr)	97	64 - 132				11/22/23 16:19	1

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RL

1.0

1.0

1.0

10

Limits

72 - 130

75 - 126

64 - 132

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

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

Result Qualifier

<1.0

<1.0

<1.0

<10

%Recovery Qualifier

87

110

96

Client Sample ID: MW-7 Date Collected: 11/13/23 17:10 Date Received: 11/15/23 08:54

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

4-Bromofluorobenzene

Dibromofluoromethane

Toluene-d8 (Surr)

Surrogate

Job ID: 400-246823-1

JUD ID. 400-240023-

Analyzed

11/22/23 16:38

11/22/23 16:38

11/22/23 16:38

11/22/23 16:38

Analyzed

11/22/23 16:38

11/22/23 16:38

11/22/23 16:38

Lab Sample ID: 400-246823-6 Matrix: Water

ater 4

1

1

1

1

1

1

1

Dil Fac

Dil Fac

Page 77 of 89

RL

2.0

2.0

2.0

20

Limits

72 - 130

75 - 126

64 - 132

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

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

Result Qualifier

450

<2.0

<2.0

<20

%Recovery Qualifier

91

97

103

Client Sample ID: MW-8 Date Collected: 11/13/23 17:16 Date Received: 11/15/23 08:54

Analyte

Toluene

Benzene

Ethylbenzene

Xylenes, Total

4-Bromofluorobenzene

Dibromofluoromethane

Toluene-d8 (Surr)

Surrogate

Page 78 of 89

Lab Sample ID: 400-246823-7

Analyzed

11/22/23 17:34

11/22/23 17:34

11/22/23 17:34

11/22/23 17:34

Analyzed

11/22/23 17:34

11/22/23 17:34

11/22/23 17:34

Matrix: Water

RL

1.0

1.0

1.0

10

Limits

72 - 130

75 - 126

64 - 132

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

Client Sample ID: DUP-01 Date Collected: 11/13/23 12:00 Date Received: 11/15/23 08:54

Analyte

Toluene

Benzene

Ethylbenzene

Xylenes, Total

4-Bromofluorobenzene

Dibromofluoromethane

Toluene-d8 (Surr)

Surrogate

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

Result Qualifier

17

<1.0

<1.0

<10

%Recovery Qualifier

86

96

104

Eurofins Pensacola

Job ID: 400-246823-1

Analyzed

11/22/23 16:56

11/22/23 16:56

11/22/23 16:56

11/22/23 16:56

Analyzed

11/22/23 16:56

11/22/23 16:56

11/22/23 16:56

Lab Sample ID: 400-246823-8 Matrix: Water

Page 79 of 89

Dil Fac

Dil Fac

1

1

1

1

1

1

1

RL

1.0

1.0

1.0

10

Limits

72 - 130

75 - 126

64 - 132

MDL Unit

ug/L

ug/L

ug/L

ug/L

D

Prepared

Prepared

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

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

Result Qualifier

<1.0

<1.0

<1.0

<10

%Recovery Qualifier

85

108

97

Client Sample ID: TB-01 Date Collected: 11/13/23 16:00 Date Received: 11/15/23 08:54

Analyte

Benzene

Toluene

Ethylbenzene

Xylenes, Total

4-Bromofluorobenzene

Dibromofluoromethane

Toluene-d8 (Surr)

Surrogate

Job ID: 400-246823-1

Page 80 of 89

000 10. 400 240020 1

Lab Sample ID: 400-246823-9 Matrix: Water

Matrix:	Water
Analyzed	Dil Fac
11/22/23 15:05	1
11/22/23 15:05	1
11/22/23 15:05	1
11/22/23 15:05	1
Analyzed	Dil Fac
11/22/23 15:05	1
11/22/23 15:05	1
11/22/23 15:05	1

Glossary Abbreviation

¤ %R

CFL

CFU

CNF

DER

DL

Dil Fac

Definitions/Glossary

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

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

Percent Recovery

Contains Free Liquid

Colony Forming Unit

Dilution Factor

Contains No Free Liquid

Detection Limit (DoD/DOE)

Duplicate Error Ratio (normalized absolute difference)

Page 81 of 89

Job ID: 400-246823-1

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

Page 82 of 89

Job ID: 400-246823-1

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

Client Sample ID: MW-1 Date Collected: 11/13/23 16:39 Date Received: 11/15/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651430	11/22/23 15:24	CAR	EET PEN
lient Sam	ole ID: MW	1-2					La	b Sample I	D: 400-2	246823-
ate Collecte										trix: Wate
ate Received	d: 11/15/23 0	8:54								
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	651430	11/22/23 17:52	CAR	EET PEN
lient Sam	ole ID: MW	1-3					La	b Sample I	D· 400-	246823-
ate Collecte							Eu			trix: Wate
ate Received										
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651430	11/22/23 15:42	CAR	EET PEN
Client Sam	ole ID: MW	-5					la	b Sample I	D: 400-3	246823
Date Collecte							Eu			trix: Wat
ate Received										
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651430	11/22/23 16:01	CAR	EET PEN
- Client Som		1.6						h Sampla II		046000
Client Sam							La	b Sample I		trix: Wate
	d: 11/15/23 0								Wid	
							Datak	Duomonod		
-	Datah	Datab		D :1	In March	Einal				
_	Batch	Batch Mothod	Pup	Dil Eactor	Initial Amount	Final Amount	Batch Numbor	Prepared	Analyst	Lab
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab FET PEN
Prep Type Total/NA	Type Analysis	Method 8260D	Run				Number 651430	or Analyzed 11/22/23 16:19	CAR	EET PEN
Prep Type Total/NA Client Sam	Type Analysis	Method 8260D	Run	Factor	Amount	Amount	Number 651430	or Analyzed	CAR D: 400-2	EET PEN
Prep Type Total/NA Client Sam Date Collected	Type Analysis DIE ID: MW d: 11/13/23 1	Method 8260D 7:10	Run	Factor	Amount	Amount	Number 651430	or Analyzed 11/22/23 16:19	CAR D: 400-2	EET PEN
Prep Type Total/NA Client Sam Date Collected	Type Analysis DIE ID: MW d: 11/13/23 1	Method 8260D 7:10	Run	Factor 1	Amount	Amount	Bumber 651430	or Analyzed 11/22/23 16:19 b Sample I	CAR D: 400-2	EET PEN
Prep Type Total/NA Client Sam Date Collecte Date Received	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch	Method 8260D 7-7 7:10 8:54 Batch		Factor 1 Dil	Amount 5 mL	Amount 5 mL	Batch	or Analyzed 11/22/23 16:19 b Sample I Prepared	CAR D: 400-2 Ma	EET PEN 246823- trix: Wate
Prep Type Total/NA Client Sam Date Collecte Date Received Prep Type	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch Type	Method 8260D 7-7 7:10 8:54 Batch Method	Run	Factor 1 Dil Factor	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 651430 La Batch Number	or Analyzed 11/22/23 16:19 b Sample I Prepared or Analyzed	CAR D: 400-2 Ma Analyst	EET PEN 246823- trix: Wate
Prep Type Total/NA Client Sam Date Collecte Date Received	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch	Method 8260D 7-7 7:10 8:54 Batch		Factor 1 Dil	Amount 5 mL	Amount 5 mL	Batch	or Analyzed 11/22/23 16:19 b Sample I Prepared	CAR D: 400-2 Ma	EET PEN 246823- trix: Wate
Prep Type Total/NA Client Sam Date Collecter Date Received Prep Type Total/NA	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch Type Analysis	Method 8260D 7-7 7:10 8:54 Batch Method 8260D		Factor 1 Dil Factor	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 651430 La Batch Number 651430	or Analyzed 11/22/23 16:19 b Sample I Prepared or Analyzed	CAR D: 400-2 Ma Analyst CAR	EET PEN 246823- trix: Wate Lab EET PEN
Prep Type Total/NA Client Sam Date Collecter Date Received Prep Type Total/NA Client Sam Date Collecter	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch Type Analysis ole ID: MW d: 11/13/23 1	Method 8260D -7 7:10 8:54 Batch Method 8260D -8 7:16		Factor 1 Dil Factor	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 651430 La Batch Number 651430	or Analyzed 11/22/23 16:19 b Sample I Prepared or Analyzed 11/22/23 16:38	CAR D: 400-2 Ma <u>Analyst</u> CAR D: 400-2	EET PEN 246823- trix: Wate EET PEN 246823-
Prep Type Total/NA Client Sam Date Collecte Date Received Prep Type	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0	Method 8260D -7 7:10 8:54 Batch Method 8260D - - - - - - - - - - - - -		Factor 1 Dil Factor 1	Amount 5 mL Initial Amount 5 mL	Amount 5 mL Final Amount 5 mL	Number 651430 La Batch Number 651430 La	or Analyzed 11/22/23 16:19 b Sample II Prepared or Analyzed 11/22/23 16:38 b Sample II	CAR D: 400-2 Ma <u>Analyst</u> CAR D: 400-2	EET PEN 246823- trix: Wate Lab EET PEN
Prep Type Total/NA Client Samp Date Collecter Date Received Prep Type Total/NA Client Samp Date Collecter	Type Analysis ole ID: MW d: 11/13/23 1 d: 11/15/23 0 Batch Type Analysis ole ID: MW d: 11/13/23 1	Method 8260D -7 7:10 8:54 Batch Method 8260D -8 7:16		Factor 1 Dil Factor	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 651430 La Batch Number 651430	or Analyzed 11/22/23 16:19 b Sample I Prepared or Analyzed 11/22/23 16:38	CAR D: 400-2 Ma <u>Analyst</u> CAR D: 400-2	EET PEN 246823- trix: Wate EET PEN 246823-

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Lab Chronicle

Job ID: 400-246823-1

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

Client Sample ID: DUP-01 Date Collected: 11/13/23 12:00 Date Received: 11/15/23 08:54

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651430	11/22/23 16:56	CAR	EET PEN
Client Sam	ple ID: TB-	01					La	b Sample II	D: 400-2	246823-
Date Collecte									Ма	trix: Wate
Date Receive	d: 11/15/23 0	8:54								
_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	651430	11/22/23 15:05	CAR	EET PEN
Date Collecte	d: N/A	hod Blank					Lab Sa	ample ID: N		
Date Collecte	d: N/A d: N/A			Dil	Initial	Final				
Date Collecte Date Receive	d: N/A d: N/A Batch	Batch		Dil	Initial	Final	Batch	Prepared	Ма	trix: Wate
Date Collecte	d: N/A d: N/A		Run	Dil Factor	Initial Amount 5 mL	Final Amount 5 mL				
Date Collecte Date Receive Prep Type Total/NA	d: N/A d: N/A Batch Type Analysis	Batch Method 8260D	<u>Run</u>	Factor	Amount	Amount 5 mL	Batch Number 651430	Prepared or Analyzed 11/22/23 11:04	Ma Analyst CAR	trix: Wate
Date Collecte Date Receive Prep Type Total/NA Client Sam	d: N/A d: N/A Batch Type Analysis ple ID: Lab	Batch Method 8260D	<u>Run</u>	Factor	Amount	Amount 5 mL	Batch Number 651430	Prepared or Analyzed	Ma Analyst CAR	Lab EET PEN 430/100
Date Collecte Date Receive Prep Type Total/NA Client Sam Date Collecte	d: N/A d: N/A Batch Type Analysis ple ID: Lab d: N/A	Batch Method 8260D	<u>Run</u>	Factor	Amount	Amount 5 mL	Batch Number 651430	Prepared or Analyzed 11/22/23 11:04	Ma Analyst CAR	trix: Wate
Date Collecte Date Receive Prep Type Total/NA Client Sam Date Collecte	d: N/A d: N/A Batch Type Analysis ple ID: Lab d: N/A	Batch Method 8260D	<u>Run</u>	Factor	Amount	Amount 5 mL	Batch Number 651430	Prepared or Analyzed 11/22/23 11:04	Ma Analyst CAR	Lab EET PEN 430/100
Date Collecte Date Receive Prep Type Total/NA Client Sam Date Collecte	d: N/A d: N/A Batch Type Analysis ple ID: Lab d: N/A	Batch Method 8260D	<u>Run</u>	Factor	Amount	Amount 5 mL	Batch Number 651430	Prepared or Analyzed 11/22/23 11:04	Ma Analyst CAR	Lab EET PEN 430/100
	d: N/A d: N/A Batch Type Analysis ple ID: Lab d: N/A d: N/A	Batch Method 8260D Control S	<u>Run</u>	Factor 1	Amount 5 mL	Amount 5 mL	Batch Number 651430 Sampl	Prepared or Analyzed 11/22/23 11:04 e ID: LCS 4	Ma Analyst CAR	Lab EET PEN 430/100

Laboratory References:

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

Lab Sample ID: 400-246823-8 **Matrix: Water** 5 6

9

QC Association Summary

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

GC/MS VOA

Analysis Batch: 651430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-246823-1	MW-1	Total/NA	Water	8260D	
400-246823-2	MW-2	Total/NA	Water	8260D	
400-246823-3	MW-3	Total/NA	Water	8260D	
400-246823-4	MW-5	Total/NA	Water	8260D	
400-246823-5	MW-6	Total/NA	Water	8260D	
400-246823-6	MW-7	Total/NA	Water	8260D	
400-246823-7	MW-8	Total/NA	Water	8260D	
400-246823-8	DUP-01	Total/NA	Water	8260D	
400-246823-9	TB-01	Total/NA	Water	8260D	
MB 400-651430/5	Method Blank	Total/NA	Water	8260D	
LCS 400-651430/1001	Lab Control Sample	Total/NA	Water	8260D	

10

Job ID: 400-246823-1

Eurofins Pensacola

Released to Imaging: 6/16/2025 11:26:00 AM

QC Sample Results

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

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

Lab Sample ID: MB 400-651430/5 **Matrix: Water**

Analysis Batch: 651430

MB	MB					
Analyte Result	Qualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene <1.0	1.0	ug/L			11/22/23 11:04	1
Ethylbenzene <1.0	1.0	ug/L			11/22/23 11:04	1
Toluene <1.0	1.0	ug/L			11/22/23 11:04	1
Xylenes, Total <10	10	ug/L			11/22/23 11:04	1

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	90		72 - 130
Dibromofluoromethane	104		75 - 126
Toluene-d8 (Surr)	99		64 - 132

Lab Sample ID: LCS 400-651430/1001 **Matrix: Water** Analysis Batch: 651430

Spike LCS LCS %Re Analyte Added Result Qualifier Unit D %Rec Limit 25.0 23.9 70 - 1 Benzene ug/L 96 25.0 22.3 89 70_1 m-Xylene & p-Xylene ug/L o-Xylene 25.0 20.1 ug/L 80 70 - 1 Ethylbenzene 25.0 22.9 ug/L 92 70 - 130 Toluene 25.0 23.3 93 70 - 130 ug/L

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		67 - 134
4-Bromofluorobenzene	93		72 - 130
Dibromofluoromethane	93		75 - 126
Toluene-d8 (Surr)	103		64 - 132

Client Sample ID: Lab le Prep A

Prepared

Conti p Type		
C		
ts		
130		
30		
130		

Dil Fac

1

1

1

Prep Type: Total/NA

Client Sample ID: Method Blank

Analyzed

11/22/23 11:04

11/22/23 11:04

11/22/23 11:04

Eurofins Pensacola
3355 McLemore Drive

Phone: 850-474-1001 Fax: 850-478-2671

Pensacola, FL 32514

Chain of Custody Record



🔅 eurofins Environment Testing

Released to Imaging: 6/16/2025 11:26:00 AM

Client Information	Sampler SRC/	FRB		Lab Whi	itmire, (Chey	enne l	R				4	00-246	823 0	00		400-12	0 24030-41:	348.1
Client Contact: Joe Wiley	Phone S75	-25	7-863	E-Ma	ail eyenne.	Whit	mire@)et ei	Inofine			s		0200			Page Page	 1 of 1	
Company		10	PWSID					,01.00				<u> </u>					Job #		<u>.</u>
El Paso Energy Corporation									Ana	alysis	s Re	ques	ted			E a a a	S Durant	vation Co	
Address 1001 Louisiana Street Room S1905B	Due Date Requeste	a: 57	t D																M - Hexane
City.	TAT Requested (da	ys):															A - HCl B - NaC	он	N - None O - AsNaO2
Houston State, Zip															11		C - Zn / D - Nitri		P - Na2O4S
TX, 77002	Compliance Project	t: ∆ Yes	∆ No		1									\boldsymbol{X}			E - Nah F - MeC	HSO4	Q - Na2SO3 R - Na2S2O3
Phone	PO #: WD104033												X				G - Am	chlor	S - H2SO4 T - TSP Dodecahydrate
Email	WO #:				No)							₹⁄					ł - Ice	corbic Acid	U - Acetone V - MCAA
joe.wiley@kindermorgan.com	GCU #142E_ER	G_ARF_1	0_24_2023		sor					1	R)					64	J - DI V K - EDT		W - pH 4-5
Project Name GCU Com A #142E.00	Project # 40015823				((Ye					N/	X					E (I or	L - EDA		Y - Trizma Z - other (specify)
Site	SSOW#									X						000	Other:		
					Sar	8260D - BTEX - 8260										1010	<u> </u>		
			Sample	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Alr	erec	TEX				1					1 1	mbe			
		<u> </u>	Type	(W=water, S=solid,	E State	- B										(I) NB			
Sample Identification	Sample Date	Sample Time	(C=Comp, G=grab)	O=waste/oil, BT=Tissue, A=Air	Eleic	8260									1 1	- tej		Special I	nstructions/Note:
			Preserva	ation Code:	ÍXX				38.1				Contract Res	C C			j T		Contraction of the second
MW-1	11/13/2023	1639	6	Water	MA							_				- 8			
mw-2	11/13/2023	1448	6	Water	WN	'X	1-				_				++	- 1			
MW-3	11/13/2023	1652	0	Water	WN	1 2									+-+				
mw-s	11/13/2023		6	Water	WW	ν X	1-												
mw-6	1/13/2003		Ũ	Water	WIL	レン					-				-			-	
MW-7	11/13/2023	1710	6	Water	NA	X	1-								┝╼┥				
MW-2 MW-3 MW-5 MW-6 MW-7 MW-8 DUP-01 TB-01	11/13/203	1716	0	Water	NN	1×					-			-	+	-			
DUP-01	11/13/2023	-	6	Water	Ň٨	$ \times$	17					+			+	~			
TB-01	11/13/2023	1600	0	Water	WW	ΊX					+-								
	ERB	-		Water							E	R	3						
													T	+	++				
Possible Hazard Identification					Sa	ampl	e Disp	oosal	(Af	ee ma	y be	asses	sed if	samp	les are	retair	ned lonį	ger than '	1 month)
Non-Hazard Flammable Skin Irritant	Poison B Unkn	own 🛄	Radiologica	al			Return						sal By	Lab		Arc	chive Fo	<u>r</u>	Months
Deliverable Requested: I, II, III, IV, Other (specify)					S	pecia	l Instru	uction	ns/QC	Requ	lireme	ents:							
Empty Kit Relinquished by:		Date:			Time	:							Method	of Ship	ment:			·	
Relinquished by	Date/Time 11/14/25	23	345	Company ST	<u>*/</u>	Rec	erved b	v R	P				8	Dat	e/Time	12	3 5	XYY	Company
Relinquished by	Daté/Time			Company	-	Rec	erved b	у. У.	-					Dat	e/Time	$+\infty$		<u></u>	Company
Relinquished by	Date/Time.			Company		Rec	eived b	у.						Dat	e/Time				Company
Custody Seals Intact: Custody Seal No.:						Coo	oler Terr	nperatu	ure(s) °	C and C	Other R	emark	. <u>.</u>	1 /		$\overline{\mathcal{X}}$	2011		
Δ Yes Δ No										_			<u></u>	€' (/	<u></u>	<u>K-8</u>		
											_								Ver: 06/08/2021

12

Received by OCD: 3/21/2024 7:14:32 AM

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Login Number: 246823 List Number: 1 Creator: Roberts, Alexis J

Question	Answer	Comment	
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td> <td></td>	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	1.8°C IR8	
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		1
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").	N/A		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Residual Chlorine Checked.	N/A		

Job Number: 400-246823-1

List Source: Eurofins Pensacola

Authority Alabama ANAB Arkansas DEQ California Florida Georgia Illinois Kansas Kentucky (UST) Louisiana (All) Louisiana (DW)

North Carolina (WW/SW)

Oklahoma Pennsylvania South Carolina Tennessee Texas

USDA USDA Virginia

US Fish & Wildlife

West Virginia DEP

West Virginia DEP

Accreditation/Certification Summary

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

Laboratory: Eurofins Pensacola

All accreditations/certifications held by th

State

State

Program	Identification Number	Expiration Date	
State	40150	06-30-24	
ISO/IEC 17025	L2471	02-22-26	
State	88-00689	08-01-24	
State	2510	06-30-24	
NELAP	E81010	06-30-24	
State	E81010(FL)	06-30-24	
NELAP	200041	10-09-24	
NELAP	E-10253	10-31-24	
State	53	06-30-24	
NELAP	30976	06-30-24	
State	LA017	12-31-23	
State	314	12-31-23	
NELAP	9810	08-31-24	
NELAP	68-00467	01-31-24	
State	96026	06-30-24	
State	TN02907	06-30-24	
NELAP	T104704286	09-30-24	
US Federal Programs	A22340	06-30-24	
US Federal Programs	P330-21-00056	05-17-24	
US Federal Programs	FLGNV23001	01-08-26	
NELAP	460166	06-14-24	

03-31-24

03-31-24

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Job ID: 400-246823-1

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

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

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CONDITIONS

Action 325380

CONDITIONS

Operator:	OGRID:
El Paso Natural Gas Company, L.L.C	7046
1001 Louisiana Street	Action Number:
Houston, TX 77002	325380
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By		Condition Date
amaxwell	Report accepted for record.	6/16/2025
amaxwell	Subsequent report, app ID 444212, will be reviewed.	6/16/2025