2025 ANNUAL GROUNDWATER REPORT – K-27 Line Drip

Rio Arriba County, New Mexico

NMOCD Incident No.
nAUTOfAB000316

Prepared for:

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ABBREVIATIONS AND ACRONYMS

µg/L	micrograms per liter
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
Agua Moss	Agua Moss, LLC
EPA	United States Environmental Protection Agency
EPCGP	El Paso CGP Company
HydraSleeve	HydraSleeve™
LNAPL	light non-aqueous phase liquid
MDPE	mobile dual-phase extraction
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
Remediation Plan	"*Remediation Plan for Groundwater Encountered During Pit Closure Activities*"
Stantec	Stantec Consulting Services Inc.

1.0 INTRODUCTION

This 2025 Annual Groundwater Report has been prepared on behalf of El Paso CGP Company (EPCGP), a subsidiary of Kinder Morgan, Inc., by Stantec Consulting Services Inc. (Stantec). This report summarizes groundwater sampling and associated activities completed in 2025 at the K-27 Line Drip site (site; Meter Code LD072), located at Unit E, Section 4, Township 25 North, Range 6 West, in Rio Arriba County, New Mexico. The location of the site is Latitude 36.430553, Longitude -107.480164, depicted in Figure 1. The site has been assigned Incident Number nAUTOfAB000316 by the New Mexico Oil Conservation Division (NMOCD).

2.0 SITE BACKGROUND

Environmental Remediation activities at the site are being managed pursuant to the procedures set forth in the document entitled, "*Remediation Plan for Groundwater Encountered During Pit Closure Activities*" (Remediation Plan, El Paso Natural Gas Company/El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the NMOCD in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into EPCGP's program methods. The site is crossed by a pipeline operated by Enterprise.

The site is located on federal land controlled by the United States Bureau of Land Management. An initial site assessment was completed in July 1994, and an excavation to approximately 12 feet below ground surface (bgs) was completed in August of 1994. Monitoring wells were installed in 1995 (MW-1), 2000 (MW-2 and MW-3), 2006 (TMW-4), 2016 (MW-2R, MW-3R, MW-5, MW-6, MW-7, and MW-8), and 2017 (MW-9 and MW-10); one test well was installed in 2018 (TW-1). TMW-4 was later re-designated MW-4. Monitoring wells MW-12 through MW-14 were installed in 2022. Soil boring SB-11 was also advanced in 2022. A detailed history of site activities is provided in Appendix A.

A Site Plan map depicting the locations of monitoring wells, soil borings, and current and historical site features is provided as Figure 2. Historically, light non-aqueous phase liquid (LNAPL) has been periodically encountered and recovered at the site. Mobile dual-phase extraction (MDPE) events to evaluate enhancement of LNAPL recovery were conducted in 2018. Quarterly LNAPL monitoring and recovery began in the second quarter of 2020 and has continued through 2025. Currently, groundwater sampling of key monitoring wells not containing LNAPL is conducted on a semi-annual basis, and biennially from all EPCGP monitoring wells not containing LNAPL.

3.0 GROUNDWATER SAMPLING ACTIVITIES

Pursuant to the Remediation Plan, Stantec provided field work notifications via email to NMOCD on May 15, 2025, and via C-141N form submittal on November 5, 2025, prior to initiating groundwater sampling activities at the site. Copies of the 2025 NMOCD notifications are provided in Appendix B. Liquid levels were gauged from wells TW-1, MW-1, MW-2R, MW-3R, MW-4 through MW-10, and MW-12 through MW-14 during each sampling event.

Groundwater samples were collected from MW-1, MW-3R, MW-6, MW-7, MW-8, MW-9, MW-10, MW-12, and MW-14 during the May and November 2025 sampling events, and also from MW-4, MW-5, and MW-13 during the May 2025 sampling event. Groundwater samples were collected using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeve devices were set during the previous sampling event, using a suspension tether and stainless-steel weights. The HydraSleeve devices 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 well screen.

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 the presence of benzene, toluene, ethylbenzene, and total xylenes (BTEX) using United States Environmental Protection Agency (EPA) Method 8260. One laboratory-supplied trip blank and one blind field duplicate were also collected during each groundwater sampling event.

Excess sample water was placed in a waste container and transported to the Agua Moss, LLC facility (Agua Moss) in Bloomfield, New Mexico, for disposal. Waste disposal documentation is included as Appendix C.

4.0 LNAPL RECOVERY

As documented in EPCGP's letter dated January 5, 2021, quarterly LNAPL recovery activities were initiated in the second calendar quarter of 2020 and continued recovery events were performed in March, May, August, and November 2025. Documentation of NMOCD notification of site LNAPL recovery activities in 2025 is provided in Appendix B. LNAPL was observed in monitoring well MW-2R in March, May, August, and November 2025. LNAPL was also observed in MW-9 in November 2025.

LNAPL recovery data is summarized in Table 1. During the groundwater sampling site visits in May and November 2025, the recovered LNAPL was disposed of with wastewater generated during the monitoring well sampling activities. Recovered LNAPL from the March and September 2025 site visits was disposed of at Agua Moss (Appendix C).

5.0 GROUNDWATER RESULTS

Historical well gauging data is summarized in Table 2. Historical groundwater analytical data is summarized in Table 3. Groundwater analytical data maps (Figures 3 and 5) and groundwater elevation contour maps (Figure 4 and 6) summarize the results of the 2025 groundwater sampling and gauging events. The groundwater analytical laboratory reports are included as Appendix D.

The following summarizes the groundwater monitoring and sampling conducted during this reporting period:

- Groundwater elevations indicated the groundwater flow direction at the site was generally to the northeast during 2025 (see Figure 4).
- LNAPL was observed in MW-2R during the May 2025 sampling event and was present in monitoring well MW-9 during the November 2025 sampling event; therefore, no groundwater samples were collected at this location during this event. LNAPL was also present in monitoring wells MW-2R and MW-9 during the November 2025 sampling event; therefore, no groundwater samples were collected from these locations during this event.
- The groundwater samples collected from MW-1 and MW-7 in May 2025 exceeded the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [µg/L]) for benzene in groundwater. The groundwater sample collected form monitoring well MW-1 in November 2025 also exceeded the NMWQCC standard for benzene in groundwater. Concentrations of benzene were either below the NMWQCC standard or were not detected in the remaining site monitoring wells sampled in 2025.
- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or were not detected in the site monitoring wells sampled in 2025.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in the site monitoring wells sampled in 2025.
- Concentrations of total xylenes were either below the NMWQCC standard (620 µg/L) or were not detected in the site monitoring wells sampled in 2025.
- A field duplicate was collected from monitoring well MW-1 in May and November 2025. No significant differences were noted between concentrations in the primary and duplicate samples for both groundwater sampling events.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2025 groundwater monitoring events.

6.0 PLANNED FUTURE ACTIVITIES

Quarterly site visits will continue at the site in 2026 to facilitate removal of measurable LNAPL where it is present. If additional LNAPL recovery activities are planned, a work plan will be prepared and submitted to the NMOCD to detail these activities, and NMOCD will be notified prior to start of those activities.

Groundwater monitoring events will continue to be conducted on a semi-annual basis. Groundwater samples will be collected from key monitoring wells not containing LNAPL on a semi-annual basis, and biennially from all EPCGP monitoring wells not containing LNAPL. The groundwater samples will be analyzed for BTEX constituents using EPA Method 8260. A field duplicate and trip blank will also be collected during each groundwater sampling event.

The next site-wide sampling event is scheduled to be conducted in the second calendar quarter of 2026. The activities conducted in 2026, and their results, will be summarized in the 2026 Annual Report, to be submitted by April 1, 2027.

TABLES

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

K-27 Line Drip						
Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-1						
11/12/2020	39.47	39.49	0.02	<0.01	0.02	manual
8/23/2021	39.89	39.89	<0.01	<0.01	0.37	manual
11/11/2021	39.49	39.51	0.02	<0.01	0.39	manual
8/2/2022	39.15	39.16	0.01	0.00	0.00	manual
			Total:	<0.01	0.78	
Well ID - MW-2R						
10/15/2016	37.62	37.97	0.35	0.06	<0.01	manual
6/7/2017	36.53	36.94	0.41	0.07	<0.01	manual
7/26/2017	32.24	32.81	0.57	2.2	348	Mobile DPE*
11/14/2017	36.96	37.76	0.8	Trace	<0.01	manual
5/15/2018	36.48	36.86	0.38	<0.01	<0.01	manual
10/21/2018	37.64	38.85	1.21	0.1	<0.01	manual
5/21/2019	36.70	37.35	0.65	0.13	0.32	manual
11/10/2019	37.65	38.82	1.17	0.82	0.29	manual
5/11/2020	37.26	38.24	0.98	0.84	0.47	manual
8/19/2020	38.24	39.75	1.51	1.44	0.86	manual
11/12/2020	38.62	38.69	0.07	<0.01	0.06	manual
3/18/2021	37.00	38.00	1.00	0.59	0.57	manual
5/19/2021	37.92	39.03	1.11	0.48	0.07	manual
8/23/2021	38.92	39.80	0.88	0.38	1.23	manual
11/11/2021	38.67	38.78	0.11	0.05	0.48	manual
3/21/2022	37.81	38.69	0.88	0.46	0.21	manual
5/22/2022	37.93	38.94	1.01	0.65	0.21	manual
8/2/2022	38.35	38.70	0.35	0.18	0.20	manual
11/6/2022	37.54	37.85	0.31	0.16	0.63	manual
8/30/2023	37.94	37.95	0.01	<0.01	0.14	manual
11/12/2023	37.75	38.24	0.49	0.38	0.49	manual
9/24/2024	38.33	38.57	0.24	0.07	1.29	manual
11/14/2024	NM	NM	0.25	0.17	0.33	manual
3/26/2025	37.39	37.41	0.02	0.02	0.40	manual
5/23/2025	37.41	37.46	0.05	0.03	0.26	manual
8/4/2025	38.29	38.72	0.43	0.21	0.20	manual
11/15/2025	38.18	38.27	0.09	0.04	0.07	manual
			Total:	9.5	357	
Well ID - MW-6						
10/21/2018	40.40	40.49	0.09	<0.01	0.10	manual
11/12/2020	41.04	41.09	0.05	<0.01	<0.01	manual
8/23/2021	41.29	41.93	0.64	0.13	0.43	manual
11/11/2021	41.02	41.39	0.37	0.14	0.13	manual
3/21/2022	40.43	40.58	0.15	0.02	0.22	manual
5/22/2022	40.54	40.80	0.26	0.01	0.06	manual
8/2/2022	40.98	41.12	0.14	0.01	0.04	manual
9/24/2024	40.80	40.84	0.04	0.03	0.52	manual
			Total:	0.34	1.50	

TABLE 1
LIGHT NON-AQUEOUS PHASE LIQUID RECOVERY SUMMARY

K-27 Line Drip						
Date	Depth to LNAPL (Feet)	Depth to Water (Feet)	Measured Thickness (Feet)	LNAPL Recovered (gal)	Water Recovered (gal)	Recovery Type
Well ID - MW-7						
5/19/2021	38.83	39.05	0.22	0.01	0.07	manual
8/23/2021	39.66	40.10	0.44	0.08	0.48	manual
			Total:	0.09	0.55	
Well ID - MW-8						
10/27/2018	37.15	37.57	0.42	0.05	<0.01	manual
11/12/2020	37.84	38.04	0.20	0.26	0.03	manual
3/18/2021	37.58	37.60	0.02	<0.01	0.24	manual
5/19/2021	37.64	37.72	0.08	<0.01	0.05	manual
8/23/2021	38.27	39.30	1.03	0.30	0.82	manual
11/11/2021	37.95	38.54	0.59	0.20	0.33	manual
3/21/2022	37.47	37.48	0.01	<0.01	0.05	manual
9/24/2024	37.81	37.82	0.01	<0.01	0.05	manual
			Total:	0.81	1.57	
Well ID - MW-9						
10/14/2017	35.75	38.14	2.39	0.25	0.1	manual
5/15/2018	37.16	37.65	0.49	0.2	<0.01	manual
10/21/2018	38.34	39.35	1.01	8.3	301	Mobile DPE*
5/21/2019	37.44	37.99	0.55	0.11	0.1	manual
11/10/2019	38.39	39.70	1.31	0.95	0.24	manual
5/11/2020	37.46	38.85	1.39	0.69	0.40	manual
8/19/2020	38.50	40.59	2.09	2.76	0.85	manual
11/12/2020	39.02	40.36	1.34	2.13	0.25	manual
3/18/2021	37.75	38.75	1.00	0.58	0.16	manual
5/19/2021	38.67	39.58	0.91	0.48	0.11	manual
8/23/2021	39.35	41.04	1.69	2.09	0.61	manual
11/11/2021	39.15	40.10	0.95	0.73	0.34	manual
3/21/2022	38.65	38.95	0.30	0.27	0.20	manual
5/22/2022	38.76	39.30	0.54	0.35	0.16	manual
8/2/2022	38.95	39.51	0.56	1.07	0.44	manual
11/6/2022	38.28	38.29	0.01	<0.01	0.16	manual
5/20/2023	37.45	37.54	0.09	0.02	0.46	manual
8/30/2023	38.64	38.70	0.06	<0.01	0.62	manual
11/15/2025	38.80	38.94	0.14	0.12	0.22	manual
			Total:	21.1	306	

Notes:
gal = Gallons.
NM = Not measured. Measured thickness was obtained by measuring the thickness within a bailer.
ND = Not detected.
* = Mobile Dual-Phase Extraction (DPE) includes calculated recovered hydrocarbon vapors.
-- = No date recorded (recovery amounts combined with MW-4 MDPE event).
LNAPL = Light non-aqueous phase liquid.
NM = Not measured due to oil-water interface probe malfunction. In-well thickness estimated by transparent disposable bailer.
LNAPL recovery data for 2012 and previous years documented in previously-submitted reports.

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	11/04/96	6261.93	ND	37.44		6224.49
MW-1	02/05/97	6261.93	ND	36.89		6225.04
MW-1	05/07/97	6261.93	ND	36.73		6225.20
MW-1	08/08/97	6261.93	ND	37.61		6224.32
MW-1	11/07/97	6261.93	37.21	37.33	0.12	6224.69
MW-1	02/26/98	6261.93	36.71	36.89	0.18	6225.18
MW-1	02/24/99	6261.93	36.27	36.39	0.12	6225.63
MW-1	08/19/99	6261.93	ND	36.48		6225.45
MW-1	11/10/99	6261.93	36.10	36.17	0.07	6225.81
MW-1	09/05/00	6261.93	ND	37.22		6224.71
MW-1	10/06/00	6261.93	ND	37.42		6224.51
MW-1	07/03/01	6261.93	36.49	36.64	0.15	6225.40
MW-1	09/04/01	6261.93	37.39	37.43	0.04	6224.53
MW-1	09/24/01	6261.93	37.40	37.45	0.05	6224.52
MW-1	04/01/02	6261.93	ND	37.01		6224.92
MW-1	07/15/02	6261.93	37.85	38.02	0.17	6224.04
MW-1	10/08/02	6261.93	38.00	38.01	0.01	6223.93
MW-1	01/27/03	6261.93	ND	37.42		6224.51
MW-1	04/26/03	6261.93	ND	37.15		6224.78
MW-1	07/17/03	6261.93	38.18	38.36	0.18	6223.71
MW-1	10/13/03	6261.93	ND	38.29		6223.64
MW-1	01/19/04	6261.93	37.68	37.69	0.01	6224.25
MW-1	04/20/04	6261.93	ND	37.29		6224.64
MW-1	07/27/04	6261.93	38.28	38.45	0.17	6223.61
MW-1	10/20/04	6261.93	38.68	38.71	0.03	6223.24
MW-1	01/25/05	6261.93	38.16	38.18	0.02	6223.77
MW-1	04/14/05	6261.93	37.75	37.84	0.09	6224.16
MW-1	07/19/05	6261.93	ND	38.84		6223.09
MW-1	10/12/05	6261.93	ND	38.46		6223.47
MW-1	10/21/05	6261.93	ND	38.46		6223.47
MW-1	01/23/06	6261.93	ND	37.89		6224.04
MW-1	04/28/06	6261.93	ND	37.57		6224.36
MW-1	07/26/06	6261.93	ND	38.61		6223.32
MW-1	11/07/06	6261.93	36.31	36.37	0.06	6225.61
MW-1	01/17/07	6261.93	ND	35.91		6226.02
MW-1	04/24/07	6261.93	ND	35.53		6226.40
MW-1	07/31/07	6261.93	ND	36.57		6225.36
MW-1	10/25/07	6261.93	ND	36.04		6225.89
MW-1	01/25/08	6261.93	ND	35.90		6226.03
MW-1	04/18/08	6261.93	ND	35.47		6226.46
MW-1	07/23/08	6261.93	ND	36.43		6225.50
MW-1	10/08/08	6261.93	ND	36.95		6224.98
MW-1	10/13/08	6261.93	ND	36.93		6225.00
MW-1	01/16/09	6261.93	ND	36.77		6225.16

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	04/06/09	6261.93	ND	36.30		6225.63
MW-1	08/25/09	6261.93	ND	37.53		6224.40
MW-1	11/03/09	6261.93	ND	37.58		6224.35
MW-1	02/16/10	6261.93	ND	37.32		6224.61
MW-1	05/24/10	6261.93	ND	36.97		6224.96
MW-1	09/27/10	6261.93	ND	37.98		6223.95
MW-1	11/08/10	6261.93	ND	37.70		6224.23
MW-1	02/01/11	6261.93	ND	37.35		6224.58
MW-1	05/02/11	6261.93	ND	37.26		6224.67
MW-1	09/23/11	6261.93	ND	38.45		6223.48
MW-1	11/10/11	6261.93	ND	38.30		6223.63
MW-1	02/22/12	6261.93	ND	37.82		6224.11
MW-1	05/15/12	6261.93	ND	37.81		6224.12
MW-1	06/05/13	6261.93	ND	38.16		6223.77
MW-1	09/10/13	6261.93	ND	38.85		6223.08
MW-1	12/11/13	6261.93	ND	38.05		6223.88
MW-1	04/04/14	6261.93	ND	37.54		6224.39
MW-1	10/22/14	6261.93	ND	38.36		6223.57
MW-1	05/28/15	6261.93	ND	37.30		6224.63
MW-1	11/21/15	6261.93	ND	37.72		6224.21
MW-1	04/17/16	6261.93	ND	37.29		6224.64
MW-1	10/15/16	6261.93	ND	40.48		6221.45
MW-1	06/07/17	6261.93	ND	37.45		6224.48
MW-1	11/14/17	6261.93	ND	37.96		6223.97
MW-1	05/15/18	6261.93	ND	37.39		6224.54
MW-1	10/21/18	6261.93	ND	38.74		6223.19
MW-1	10/27/18	6261.93	ND	38.71		6223.22
DUP-01(MW-1)*	10/27/18	NA	NA	NA		NA
MW-1	05/21/19	6261.93	ND	37.64		6224.29
MW-1	11/10/19	6261.93	ND	38.87		6223.06
MW-1	05/12/20	6261.93	ND	38.31		6223.62
MW-1	11/12/20	6261.93	39.47	39.49	0.02	6222.46
MW-1	03/18/21	6261.93	ND	39.12		6222.81
MW-1	05/19/21	6261.93	ND	38.98		6222.95
MW-1	08/23/21	6261.93	39.89	39.89	<0.01	6222.04
MW-1	11/11/21	6261.93	39.49	39.51	0.02	6222.42
MW-1	03/21/22	6261.93	ND	38.81		6223.12
MW-1	05/22/22	6261.93	ND	39.01		6222.92
MW-1	08/02/22	6261.93	39.15	39.16	0.01	6222.77
MW-1	11/06/22	6261.93	ND	38.38		6223.55
MW-1	03/29/23	6261.93	ND	37.47		6224.46
MW-1	05/20/23	6261.93	ND	37.58		6224.35
MW-1	08/30/23	6261.93	ND	38.69		6223.24
MW-1	11/12/23	6261.93	ND	38.69		6223.24

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	03/28/24	6261.93	ND	38.17		6223.76
MW-1	05/16/24	6261.93	ND	38.14		6223.79
MW-1	09/24/24	6261.93	ND	39.12		6222.81
MW-1	11/14/24	6261.93	ND	NM		NM
MW-1	03/26/25	6261.93	ND	38.21		6223.72
MW-1	05/23/25	6261.93	ND	38.23		6223.70
MW-1	08/04/25	6261.93	ND	39.16		6222.77
MW-1	11/15/25	6261.93	ND	38.96		6222.97
TB-01(MW-1)*	11/15/25	6261.93	ND	38.96		6222.97
DUP-01(MW-1)*	11/15/25	6261.93	ND	38.96		6222.97
MW-2	08/31/00	6261.39	ND	35.81		6225.58
MW-2	09/05/00	6261.39	36.11	37.28	1.17	6224.99
MW-2	10/06/00	6261.39	36.04	37.31	1.27	6225.03
MW-2	07/03/01	6261.39	36.12	37.37	1.25	6224.96
MW-2	09/04/01	6261.39	36.25	36.52	0.27	6225.07
MW-2	09/24/01	6261.39	36.27	36.46	0.19	6225.07
MW-2	01/02/02	6261.39	35.87	36.97	1.10	6225.24
MW-2	04/01/02	6261.39	35.67	36.61	0.94	6225.48
MW-2	07/15/02	6261.39	ND	38.00		6223.39
MW-2	10/08/02	6261.39	36.94	37.01	0.07	6224.43
MW-2	01/27/03	6261.39	36.31	36.47	0.16	6225.04
MW-2	04/26/03	6261.39	35.85	36.88	1.03	6225.28
MW-2	07/17/03	6261.39	36.75	38.20	1.45	6224.28
MW-2	10/13/03	6261.39	37.07	37.64	0.57	6224.18
MW-2	01/19/04	6261.39	36.51	36.72	0.21	6224.83
MW-2	04/20/04	6261.39	35.91	36.93	1.02	6225.22
MW-2	07/27/04	6261.39	36.88	38.30	1.42	6224.15
MW-2	10/20/04	6261.39	37.37	38.23	0.86	6223.80
MW-2	01/25/05	6261.39	36.77	42.87	6.10	6223.09
MW-2	04/14/05	6261.39	36.55	36.55	<0.01	6224.84
MW-2	07/19/05	6261.39	37.55	38.16	0.61	6223.69
MW-2	10/21/05	6261.39	37.06	38.31	1.25	6224.02
MW-2	01/23/06	6261.39	36.69	37.31	0.62	6224.54
MW-2	04/28/06	6261.39	36.33	37.01	0.68	6224.89
MW-2	07/26/06	6261.39	37.42	38.37	0.95	6223.73
MW-2	11/07/06	6261.39	35.21	35.28	0.07	6226.16
MW-2	01/17/07	6261.39	ND	35.35		6226.04
MW-2	04/24/07	6261.39	ND	35.08		6226.31
MW-2	07/31/07	6261.39	36.01	36.03	0.02	6225.37
MW-2	10/25/07	6261.39	ND	35.53		6225.86
MW-2	01/25/08	6261.39	35.34	35.37	0.03	6226.04
MW-2	04/18/08	6261.39	ND	34.90		6226.49
MW-2	07/23/08	6261.39	ND	35.95		6225.44

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2	10/13/08	6261.39	ND	36.39		6225.00
MW-2	01/16/09	6261.39	36.14	36.39	0.25	6225.19
MW-2	04/06/09	6261.39	35.94	35.98	0.04	6225.44
MW-2	08/25/09	6261.39	36.97	37.03	0.06	6224.40
MW-2	11/03/09	6261.39	36.96	37.00	0.04	6224.42
MW-2	02/16/10	6261.39	ND	36.96		6224.43
MW-2	05/24/10	6261.39	36.48	36.55	0.07	6224.89
MW-2	09/27/10	6261.39	37.57	37.58	0.01	6223.82
MW-2	11/08/10	6261.39	ND	37.72		6223.67
MW-2	02/01/11	6261.39	ND	36.92		6224.47
MW-2	05/02/11	6261.39	ND	36.71		6224.68
MW-2	09/23/11	6261.39	ND	38.01		6223.38
MW-2	11/10/11	6261.39	37.69	37.70	0.01	6223.70
MW-2	02/22/12	6261.39	37.39	37.54	0.15	6223.96
MW-2	05/15/12	6261.39	37.37	37.48	0.11	6223.99
MW-2	06/05/13	6261.39	ND	NA		NA
MW-2	09/10/13	6261.39	ND	NA		NA
MW-2	12/11/13	6261.39	ND	NA		NA
MW-2	04/04/14	6261.39	ND	NA		NA
MW-2 abandoned and replaced with MW-2R on September 26, 2016						
MW-2R	10/15/16	6260.93	37.62	37.97	0.35	6223.22
MW-2R	06/07/17	6260.93	36.53	36.94	0.41	6224.30
MW-2R	07/26/17	6260.93	32.24	32.81	0.57	6228.55
MW-2R	11/14/17	6260.93	36.95	37.76	0.81	6223.78
MW-2R	05/15/18	6260.93	36.48	36.86	0.38	6224.36
MW-2R	10/21/18	6260.93	37.64	38.85	1.21	6222.99
MW-2R	10/27/18	6260.93	ND	37.78		6223.15
MW-2R	05/21/19	6260.93	36.7	37.35	0.65	6224.07
MW-2R	11/10/19	6260.93	37.65	38.82	1.17	6222.99
MW-2R	05/12/20	6260.93	37.26	38.24	0.98	6223.43
MW-2R	08/19/20	6260.93	38.24	39.75	1.51	6222.31
MW-2R	11/12/20	6260.93	38.62	38.69	0.07	6222.29
MW-2R	03/18/21	6260.93	37.00	38.00	1.00	6223.68
MW-2R	05/19/21	6260.93	37.92	39.03	1.11	6222.73
MW-2R	08/23/21	6260.93	38.92	39.80	0.88	6221.79
MW-2R	11/11/21	6260.93	38.67	38.78	0.11	6222.23
MW-2R	03/21/22	6260.93	37.81	38.69	0.88	6222.90
MW-2R	05/22/22	6260.93	37.93	38.94	1.01	6222.75
MW-2R	08/02/22	6260.93	38.35	38.70	0.35	6222.49
MW-2R	11/06/22	6260.93	37.54	37.85	0.31	6223.31
MW-2R	03/29/23	6260.93	ND	36.71		6224.22
MW-2R	05/20/23	6260.93	ND	36.74		6224.19
MW-2R	08/30/23	6260.93	37.94	37.95	0.01	6222.99

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-2R	11/12/23	6260.93	37.75	38.24	0.49	6223.06
MW-2R	03/28/24	6260.93	ND	37.36		6223.57
MW-2R	05/16/24	6260.93	ND	37.34		6223.59
MW-2R	09/24/24	6260.93	38.33	38.57	0.24	6222.54
MW-2R	11/14/24	6260.93	NM	NM	0.25	NM
MW-2R	03/26/25	6260.93	37.39	37.41	0.02	6223.54
MW-2R	05/23/25	6260.93	37.41	37.46	0.05	6223.51
MW-2R	08/04/25	6260.93	38.29	38.72	0.43	6222.53
MW-2R	11/15/25	6260.93	38.18	38.27	0.09	6222.73
MW-3	09/05/00	6261.71	ND	37.40		6224.31
MW-3	07/03/01	6261.71	ND	37.69		6224.02
MW-3	09/04/01	6261.71	ND	37.50		6224.21
MW-3	09/24/01	6261.71	ND	37.51		6224.20
MW-3	04/01/02	6261.71	ND	37.08		6224.63
MW-3	07/15/02	6261.71	ND	37.13		6224.58
MW-3	10/08/02	6261.71	ND	38.09		6223.63
MW-3	07/17/03	6261.71	ND	38.28		6223.43
MW-3	10/13/03	6261.71	ND	38.34		6223.37
MW-3	01/19/04	6261.71	ND	37.69		6224.02
MW-3	04/20/04	6261.71	ND	37.26		6224.45
MW-3	07/27/04	6261.71	ND	38.36		6223.35
MW-3	10/20/04	6261.71	ND	38.72		6222.99
MW-3	01/25/05	6261.71	ND	38.13		6223.58
MW-3	04/14/05	6261.71	ND	37.74		6223.97
MW-3	07/19/05	6261.71	ND	38.74		6222.97
MW-3	10/21/05	6261.71	ND	38.48		6223.23
MW-3	01/23/06	6261.71	ND	37.89		6223.82
MW-3	04/28/06	6261.71	ND	37.61		6224.10
MW-3	07/26/06	6261.71	ND	38.34		6223.37
MW-3	11/07/06	6261.71	ND	36.50		6225.21
MW-3	01/17/07	6261.71	ND	35.98		6225.73
MW-3	04/24/07	6261.71	ND	35.64		6226.07
MW-3	07/31/07	6261.71	ND	36.59		6225.12
MW-3	10/25/07	6261.71	ND	36.20		6225.51
MW-3	01/25/08	6261.71	ND	36.00		6225.71
MW-3	04/18/08	6261.71	ND	35.56		6226.15
MW-3	07/23/08	6261.71	ND	36.60		6225.11
MW-3	10/08/08	6261.71	ND	37.09		6224.62
MW-3	10/13/08	6261.71	ND	37.09		6224.62
MW-3	01/16/09	6261.71	ND	36.83		6224.88
MW-3	04/06/09	6261.71	ND	36.43		6225.28
MW-3	08/25/09	6261.71	ND	37.62		6224.09
MW-3	11/03/09	6261.71	ND	37.67		6224.04

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-3	02/16/10	6261.71	ND	37.16		6224.55
MW-3	05/24/10	6261.71	ND	37.02		6224.69
MW-3	09/27/10	6261.71	ND	38.07		6223.64
MW-3	11/08/10	6261.71	ND	37.82		6223.89
MW-3	02/01/11	6261.71	ND	37.39		6224.32
MW-3	05/02/11	6261.71	ND	37.28		6224.43
MW-3	09/23/11	6261.71	ND	38.15		6223.56
MW-3	11/10/11	6261.71	ND	38.13		6223.58
MW-3	02/22/12	6261.71	ND	37.85		6223.86
MW-3	05/15/12	6261.71	ND	37.87		6223.84
MW-3	06/05/13	6261.71	ND	38.26		6223.45
MW-3	09/10/13	6261.71	ND	38.95		6222.76
MW-3	12/11/13	6261.71	ND	DRY		NA
MW-3	04/04/14	6261.71	ND	DRY		NA
MW-3	10/22/14	6261.71	ND	DRY		NA
MW-3	05/28/15	6261.71	ND	DRY		NA
MW-3	11/21/15	6261.71	ND	DRY		NA
MW-3	04/17/16	6261.71	ND	DRY		NA
MW-3 abandoned and replaced with MW-3R on September 26, 2016						
MW-3R	10/15/16	6261.09	ND	37.92		6223.17
MW-3R	06/07/17	6261.09	ND	36.83		6224.26
MW-3R	11/14/17	6261.09	ND	37.37		6223.72
MW-3R	05/15/18	6261.09	ND	36.77		6224.32
MW-3R	10/21/18	6261.09	ND	38.12		6222.97
MW-3R	10/27/18	6261.09	ND	38.05		6223.04
MW-3R	05/21/19	6261.09	ND	37.00		6224.09
MW-3R	11/10/19	6261.09	ND	38.15		6222.94
MW-3R	05/12/20	6261.09	ND	37.66		6223.43
MW-3R	11/12/20	6261.09	ND	38.85		6222.24
MW-3R	05/19/21	6261.09	ND	38.40		6222.69
MW-3R	11/11/21	6261.09	ND	38.86		6222.23
MW-3R	05/22/22	6261.09	ND	38.42		6222.67
MW-3R	11/06/22	6261.09	ND	37.78		6223.31
MW-3R	05/20/23	6261.09	ND	36.95		6224.14
MW-3R	11/12/23	6261.09	ND	38.05		6223.04
MW-3R	05/16/24	6261.09	ND	37.54		6223.55
MW-3R	11/14/24	6261.09	ND	NM		NM
MW-3R	05/23/25	6261.09	ND	37.62		6223.47
MW-3R	11/15/25	6261.09	ND	38.37		6222.72
MW-4	11/08/06	6258.51	ND	32.95		6225.56
MW-4	01/17/07	6258.51	ND	32.63		6225.88
MW-4	04/24/07	6258.51	ND	32.30		6226.21
MW-4	07/31/07	6258.51	ND	33.33		6225.18

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	10/25/07	6258.51	ND	32.90		6225.61
MW-4	01/25/08	6258.51	ND	32.64		6225.87
MW-4	04/18/08	6258.51	ND	32.20		6226.31
MW-4	07/23/08	6258.51	ND	33.30		6225.21
MW-4	10/08/08	6258.51	ND	33.79		6224.72
MW-4	10/13/08	6258.51	ND	33.80		6224.71
MW-4	01/16/09	6258.51	ND	33.53		6224.98
MW-4	04/06/09	6258.51	ND	33.18		6225.33
MW-4	08/25/09	6258.51	ND	34.35		6224.16
MW-4	11/03/09	6258.51	ND	34.35		6224.16
MW-4	02/16/10	6258.51	ND	34.05		6224.46
MW-4	05/24/10	6258.51	ND	33.65		6224.86
MW-4	09/27/10	6258.51	ND	34.81		6223.70
MW-4	11/08/10	6258.51	ND	34.55		6223.96
MW-4	02/01/11	6258.51	ND	34.12		6224.39
MW-4	05/02/11	6258.51	ND	33.93		6224.58
MW-4	09/23/11	6258.51	ND	35.22		6223.29
MW-4	11/10/11	6258.51	ND	35.02		6223.49
MW-4	02/22/12	6258.51	ND	34.66		6223.85
MW-4	05/15/12	6258.51	ND	34.61		6223.90
MW-4	06/05/13	6258.51	ND	34.96		6223.55
MW-4	09/10/13	6258.51	ND	35.61		6222.90
MW-4	12/11/13	6258.51	ND	34.73		6223.78
MW-4	04/14/14	6258.51	ND	34.21		6224.30
MW-4	10/22/14	6258.51	ND	35.10		6223.41
MW-4	05/28/15	6258.51	ND	34.08		6224.43
MW-4	11/21/15	6258.51	ND	34.33		6224.18
MW-4	04/17/16	6258.51	ND	33.92		6224.59
MW-4	10/15/16	6258.51	ND	35.27		6223.24
MW-4	06/07/17	6258.51	ND	34.23		6224.28
MW-4	11/14/17	6258.51	ND	34.73		6223.78
MW-4	05/15/18	6258.51	ND	34.16		6224.35
MW-4	10/21/18	6258.51	ND	35.49		6223.02
MW-4	10/27/18	6258.51	ND	35.42		6223.09
MW-4	05/21/19	6258.51	ND	34.41		6224.10
MW-4	11/10/19	6258.51	ND	35.39		6223.12
MW-4	05/12/20	6258.51	ND	35.07		6223.44
MW-4	11/12/20	6258.51	ND	36.23		6222.28
MW-4	05/19/21	6258.51	ND	35.82		6222.69
MW-4	11/11/21	6258.51	ND	36.24		6222.27
MW-4	05/22/22	6258.51	ND	35.78		6222.73
MW-4	11/06/22	6258.51	ND	35.15		6223.36
MW-4	05/20/23	6258.51	ND	34.33		6224.18
MW-4	11/12/23	6258.51	ND	35.45		6223.06

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	05/16/24	6258.51	ND	34.95		6223.56
MW-4	11/14/24	6258.51	ND	NM		NM
MW-4	05/23/25	6258.51	ND	35.02		6223.49
MW-4	11/15/25	6258.51	ND	35.77		6222.74
MW-5	10/15/16	6264.51	ND	41.24		6223.27
MW-5	06/07/17	6264.51	ND	40.14		6224.37
MW-5	11/14/17	6264.51	ND	40.70		6223.81
MW-5	05/15/18	6264.51	ND	40.09		6224.42
MW-5	10/21/18	6264.51	ND	41.46		6223.05
MW-5	10/27/18	6264.51	ND	41.40		6223.11
MW-5	05/21/19	6264.51	ND	40.34		6224.17
MW-5	11/10/19	6264.51	ND	41.53		6222.98
MW-5	05/12/20	6264.51	ND	41.00		6223.51
MW-5	11/12/20	6264.51	ND	42.13		6222.38
MW-5	05/19/21	6264.51	ND	41.74		6222.77
MW-5	11/11/21	6264.51	ND	42.21		6222.30
MW-5	05/22/22	6264.51	ND	41.74		6222.77
MW-5	11/06/22	6264.51	ND	41.12		6223.39
MW-5	05/20/23	6264.51	ND	40.31		6224.20
MW-5	11/12/23	6264.51	ND	41.41		6223.10
MW-5	05/16/24	6264.51	ND	40.88		6223.63
MW-5	11/14/24	6264.51	ND	NM		NM
MW-5	05/23/25	6264.51	ND	40.96		6223.55
MW-5	11/15/25	6264.51	ND	40.76		6223.75
MW-6	10/15/16	6263.51	ND	40.14		6223.37
MW-6	06/07/17	6263.51	ND	39.07		6224.44
MW-6	11/14/17	6263.51	ND	39.69		6223.82
MW-6	05/15/18	6263.51	ND	39.01		6224.50
MW-6	10/21/18	6263.51	40.40	40.49	0.09	6223.08
MW-6	10/27/18	6263.51	ND	40.34		6223.17
MW-6	05/21/19	6263.51	ND	39.30		6224.21
MW-6	11/10/19	6263.51	ND	40.46		6223.05
MW-6	05/12/20	6263.51	ND	39.91		6223.60
MW-6	11/12/20	6263.51	41.04	41.09	0.05	6222.45
MW-6	03/18/21	6263.51	ND	40.77		6222.74
MW-6	05/19/21	6263.51	ND	40.60		6222.91
MW-6	08/23/21	6263.51	41.29	41.93	0.64	6222.06
MW-6	11/11/21	6263.51	41.02	41.39	0.37	6222.39
MW-6	03/21/22	6263.51	40.43	40.58	0.15	6223.04
MW-6	05/22/22	6263.51	40.54	40.80	0.26	6222.90
MW-6	08/02/22	6263.51	40.98	41.12	0.14	6222.49
MW-6	11/06/22	6263.51	ND	40.14		6223.37
MW-6	03/29/23	6263.51	ND	39.24		6224.27

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	05/20/23	6263.51	ND	39.25		6224.26
MW-6	08/30/23	6263.51	ND	40.28		6223.23
MW-6	11/12/23	6263.51	ND	40.35		6223.16
MW-6	03/27/24	6263.51	ND	39.87		6223.64
MW-6	05/16/24	6263.51	ND	39.77		6223.74
MW-6	09/24/24	6263.51	40.80	40.84	0.04	6222.70
MW-6	11/14/24	6263.51	ND	NM		NM
MW-6	03/26/25	6263.51	ND	39.90		6223.61
MW-6	05/23/25	6263.51	ND	39.87		6223.64
MW-6	08/04/25	6263.51	ND	40.72		6222.79
MW-6	11/15/25	6263.51	ND	40.63		6222.88
MW-7	10/15/16	6262.84	ND	39.32		6223.52
MW-7	06/07/17	6262.84	ND	37.34		6225.50
MW-7	11/14/17	6262.84	ND	37.88		6224.96
MW-7	05/15/18	6262.84	ND	37.27		6225.57
MW-7	10/21/18	6262.84	ND	38.62		6224.22
MW-7	10/27/18	6262.84	ND	38.56		6224.28
MW-7	05/21/19	6262.84	ND	37.54		6225.30
MW-7	11/10/19	6262.84	ND	38.64		6224.20
MW-7	05/12/20	6262.84	ND	38.18		6224.66
MW-7	11/12/20	6262.84	ND	39.37		6223.47
MW-7	05/19/21	6262.84	38.83	39.05	0.22	6223.96
MW-7	08/23/21	6262.84	39.66	40.10	0.44	6223.07
MW-7	11/11/21	6262.84	ND	39.39		6223.45
MW-7	03/21/22	6262.84	ND	38.74		6224.10
MW-7	05/22/22	6262.84	ND	38.90		6223.94
MW-7	08/02/22	6262.84	ND	39.10		6223.74
MW-7	11/06/22	6262.84	ND	38.28		6224.56
MW-7	03/29/23	6262.84	ND	37.39		6225.45
MW-7	05/20/23	6262.84	ND	37.45		6225.39
MW-7	08/30/23	6262.84	ND	38.61		6224.23
MW-7	11/12/23	6262.84	ND	38.55		6224.29
MW-7	03/28/24	6262.84	ND	38.04		6224.80
MW-7	05/16/24	6262.84	ND	38.03		6224.81
MW-7	09/24/24	6262.84	ND	39.09		6223.75
MW-7	11/14/24	6262.84	ND	NM		NM
MW-7	03/26/25	6262.84	ND	38.09		6224.75
MW-7	05/23/25	6262.84	ND	38.13		6224.71
MW-7	08/04/25	6262.84	ND	39.09		6223.75
MW-7	11/15/25	6262.84	ND	38.85		6223.99
MW-8	10/15/16	6260.37	ND	37.10		6223.27
MW-8	06/07/17	6260.37	ND	36.08		6224.29
MW-8	11/14/17	6260.37	ND	36.56		6223.81

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-8	05/15/18	6260.37	ND	35.97		6224.40
MW-8	10/21/18	6260.37	ND	37.40		6222.97
MW-8	10/27/18	6260.37	37.15	37.57	0.42	6223.11
MW-8	05/21/19	6260.37	ND	36.26		6224.11
MW-8	11/10/19	6260.37	ND	37.39		6222.98
MW-8	05/12/20	6260.37	ND	36.88		6223.49
MW-8	11/12/20	6260.37	37.84	38.04	0.2	6222.48
MW-8	03/18/21	6260.37	37.58	37.60	0.02	6222.78
MW-8	05/19/21	6260.37	37.64	37.72	0.08	6222.71
MW-8	08/23/21	6260.37	38.27	39.30	1.03	6221.84
MW-8	11/11/21	6260.37	37.95	38.54	0.59	6222.27
MW-8	03/21/22	6260.37	37.47	37.48	0.01	6222.89
MW-8	05/22/22	6260.37	ND	37.60		6222.77
MW-8	08/02/22	6260.37	ND	37.70		6222.67
MW-8	11/06/22	6260.37	ND	37.01		6223.36
MW-8	03/29/23	6260.37	ND	36.17		6224.20
MW-8	05/20/23	6260.37	ND	36.15		6224.22
MW-8	08/30/23	6260.37	ND	37.44		6222.93
MW-8	11/12/23	6260.37	ND	37.28		6223.09
MW-8	03/28/24	6260.37	ND	36.80		6223.57
MW-8	05/16/24	6260.37	ND	36.78		6223.59
MW-8	09/24/24	6260.37	37.81	37.82	0.01	6222.55
MW-8	11/14/24	6260.37	ND	NM		NM
MW-8	03/26/25	6260.37	ND	36.85		6223.52
MW-8	05/23/25	6260.37	ND	37.86		6222.51
MW-8	08/04/25	6260.37	ND	37.83		6222.54
MW-8	11/15/25	6260.37	ND	37.61		6222.76
MW-9	11/14/17	6261.66	37.75	38.14	0.39	6223.81
MW-9	05/15/18	6261.66	37.16	37.65	0.49	6224.38
MW-9	10/21/18	6261.66	38.34	39.35	1.01	6223.07
MW-9	10/27/18	6261.66	ND	38.55		6223.11
MW-9	05/21/19	6261.66	37.44	37.99	0.55	6224.08
MW-9	11/10/19	6261.66	38.39	39.70	1.31	6222.94
MW-9	05/12/20	6261.66	37.46	38.85	1.39	6223.85
MW-9	08/19/20	6261.66	38.50	40.59	2.09	6222.64
MW-9	11/12/20	6261.66	39.02	40.36	1.34	6222.31
MW-9	03/18/21	6261.66	37.75	38.75	1.00	6223.66
MW-9	05/19/21	6261.66	38.67	39.58	0.91	6222.76
MW-9	08/23/21	6261.66	39.35	41.04	1.69	6221.89
MW-9	11/11/21	6261.66	39.15	40.10	0.95	6222.27
MW-9	03/21/22	6261.66	38.65	38.95	0.30	6222.94
MW-9	05/22/22	6261.66	38.76	39.30	0.54	6222.77
MW-9	08/02/22	6261.66	38.95	39.51	0.56	6222.57

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-9	11/06/22	6261.66	38.28	38.29	0.01	6223.38
MW-9	03/29/23	6261.66	ND	37.38		6224.28
MW-9	05/20/23	6261.66	37.45	37.54	0.09	6224.19
MW-9	08/30/23	6261.66	38.64	38.70	0.06	6223.01
MW-9	11/12/23	6261.66	ND	39.58		6222.08
MW-9	03/28/24	6261.66	ND	38.06		6223.60
MW-9	05/16/24	6261.66	ND	38.06		6223.60
MW-9	09/24/24	6261.66	ND	39.12		6222.54
MW-9	11/14/24	6261.66	ND	NM		NM
MW-9	03/26/25	6261.66	ND	38.11		6223.55
MW-9	05/23/25	6261.66	ND	38.17		6223.49
MW-9	08/04/25	6261.66	ND	38.10		6223.56
MW-9	11/15/25	6261.66	38.80	38.94	0.14	6222.83
MW-10	11/14/17	6257.55	ND	33.78		6223.77
MW-10	05/15/18	6257.55	ND	33.13		6224.42
MW-10	10/21/18	6257.55	ND	34.53		6223.02
MW-10	10/27/18	6257.55	ND	34.45		6223.10
MW-10	05/21/19	6257.55	ND	33.44		6224.11
MW-10	11/10/19	6257.55	ND	34.61		6222.94
MW-10	05/12/20	6257.55	ND	34.10		6223.45
MW-10	11/12/20	6257.55	ND	35.25		6222.30
MW-10	05/19/21	6257.55	ND	34.83		6222.72
MW-10	11/11/21	6257.55	ND	35.28		6222.27
MW-10	05/22/22	6257.55	ND	34.80		6222.75
MW-10	11/06/22	6257.55	ND	34.19		6223.36
MW-10	05/20/23	6257.55	ND	33.35		6224.20
MW-10	11/12/23	6257.55	ND	34.47		6223.08
MW-10	05/16/24	6257.55	ND	33.98		6223.57
MW-10	11/14/24	6257.55	ND	NM		NM
MW-10	05/23/25	6257.55	ND	34.03		6223.52
MW-10	11/15/25	6257.55	ND	34.80		6222.75
MW-12	11/06/22	6264.03	ND	39.54		6224.49
MW-12	03/29/23	6264.03	ND	38.63		6225.40
MW-12	05/20/23	6264.03	ND	38.68		6225.35
MW-12	11/12/23	6264.03	ND	39.78		6224.25
MW-12	05/16/24	6265.03	ND	38.51		6226.52
MW-12	11/14/24	6265.03	ND	NM		NM
MW-12	05/23/25	6265.03	ND	39.35		6225.68
MW-12	11/15/25	6265.03	ND	40.11		6224.92
MW-13	11/06/22	6263.58	ND	39.13		6224.45
MW-13	03/29/23	6263.58	ND	38.29		6225.29
MW-13	05/20/23	6263.58	ND	38.27		6225.31

TABLE 2 - GROUNDWATER ELEVATION RESULTS

K-27 Line Drip						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-13	11/12/23	6263.58	ND	39.37		6224.21
MW-13	05/16/24	6264.58	ND	38.88		6225.70
MW-13	11/14/24	6264.58	ND	NM		NM
MW-13	05/23/25	6264.58	ND	38.96		6225.62
MW-13	11/15/25	6264.58	ND	39.70		6224.88
MW-14	11/06/22	6260.77	ND	35.76		6225.01
MW-14	03/29/23	6260.77	ND	34.92		6225.85
MW-14	05/20/23	6260.77	ND	34.94		6225.83
MW-14	11/12/23	6260.77	ND	36.05		6224.72
MW-14	05/16/24	6261.77	ND	35.56		6226.21
MW-14	11/14/24	6261.77	ND	NM		NM
MW-14	05/23/25	6261.77	ND	35.64		6226.13
MW-14	11/15/25	6261.77	ND	36.36		6225.41
TW-1	10/21/18	6261.86	ND	38.82		6223.04
TW-1	10/27/18	6261.86	ND	38.76		6223.10
TW-1	05/21/19	6261.86	ND	37.72		6224.14
TW-1	11/10/19	6261.86	ND	38.84		6223.02
TW-1	05/12/20	6261.86	ND	38.33		6223.53
TW-1	11/12/20	6261.86	ND	39.52		6222.34
TW-1	05/19/21	6261.86	ND	39.09		6222.77
TW-1	11/11/21	6261.86	ND	39.57		6222.29
TW-1	05/22/22	6261.86	ND	39.10		6222.76
TW-1	11/06/22	6261.86	ND	38.50		6223.36
TW-1	05/20/23	6261.86	ND	37.65		6224.21
TW-1	11/12/23	6261.86	ND	38.77		6223.09
TW-1	05/16/24	6262.86	ND	38.25		6224.61
TW-1	11/14/24	6262.86	ND	NM		NM
TW-1	05/23/25	6262.86	ND	38.34		6224.52
TW-1	08/04/25	6262.86	ND	39.29		6223.57
TW-1	11/15/25	6262.86	ND	39.08		6223.78

Notes:

ft = Feet.

TOC = Top of casing.

LNAPL = Light non-aqueous phase liquid.

NA = Not applicable.

ND = LNAPL not detected.

NM = Not measured due to oil-water interface probe malfunction. In-well thickness estimated by transparent disposable bailer.

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

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	11/04/96	996	2170	204	1520
MW-1	02/05/97	207	613	168	1010
MW-1	05/07/97	41.8	114	98	500
MW-1	08/08/97	1690	2980	298	1930
MW-1	11/07/97	533	1210	267	1720
MW-1	02/26/98	NS	NS	NS	NS
MW-1	02/24/99	NS	NS	NS	NS
MW-1	08/19/99	179	379	79	777
MW-1	11/10/99	39	95	56	390
MW-1	09/05/00	NS	NS	NS	NS
MW-1	10/06/00	NS	NS	NS	NS
MW-1	07/03/01	NS	NS	NS	NS
MW-1	09/04/01	NS	NS	NS	NS
MW-1	09/24/01	NS	NS	NS	NS
MW-1	04/01/02	NS	NS	NS	NS
MW-1	07/15/02	NS	NS	NS	NS
MW-1	10/08/02	NS	NS	NS	NS
MW-1	01/27/03	NS	NS	NS	NS
MW-1	04/26/03	NS	NS	NS	NS
MW-1	07/17/03	NS	NS	NS	NS
MW-1	10/13/03	NS	NS	NS	NS
MW-1	01/19/04	NS	NS	NS	NS
MW-1	04/20/04	NS	NS	NS	NS
MW-1	07/27/04	NS	NS	NS	NS
MW-1	10/20/04	NS	NS	NS	NS
MW-1	01/25/05	NS	NS	NS	NS
MW-1	04/14/05	NS	NS	NS	NS
MW-1	07/19/05	NS	NS	NS	NS
MW-1	10/12/05	NS	NS	NS	NS
MW-1	10/21/05	NS	NS	NS	NS
MW-1	01/23/06	NS	NS	NS	NS
MW-1	04/28/06	NS	NS	NS	NS
MW-1	07/26/06	NS	NS	NS	NS
MW-1	11/07/06	NS	NS	NS	NS
MW-1	01/17/07	NS	NS	NS	NS
MW-1	04/24/07	NS	NS	NS	NS
MW-1	07/31/07	NS	NS	NS	NS
MW-1	10/25/07	NS	NS	NS	NS
MW-1	01/25/08	NS	NS	NS	NS
MW-1	04/18/08	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	07/23/08	NS	NS	NS	NS
MW-1	10/08/08	7.3	3.9	20.2	68.7
MW-1	10/13/08	NS	NS	NS	NS
MW-1	01/16/09	NS	NS	NS	NS
MW-1	04/06/09	NS	NS	NS	NS
MW-1	08/25/09	NS	NS	NS	NS
MW-1	11/03/09	355	69.3	45.8	259
MW-1	02/16/10	NS	NS	NS	NS
MW-1	05/24/10	NS	NS	NS	NS
MW-1	09/27/10	NS	NS	NS	NS
MW-1	11/08/10	138	29.4	43.9	183
MW-1	02/01/11	NS	NS	NS	NS
MW-1	05/02/11	NS	NS	NS	NS
MW-1	09/23/11	NS	NS	NS	NS
MW-1	11/10/11	71.8	57.5	5	62.2
MW-1	02/22/12	NS	NS	NS	NS
MW-1	05/15/12	NS	NS	NS	NS
MW-1	06/05/13	350	61	15	220
MW-1	09/10/13	150	32	7	83
MW-1	12/11/13	150	100	13	120
MW-1	04/04/14	220	51	20	150
MW-1	10/22/14	140	53	5.2	73
MW-1	05/28/15	110	75	13	97
MW-1	11/21/15	65	17	2.1	28
MW-1	04/17/16	6.1	5.9	<1.0	10
MW-1	10/15/16	2.0	<5.0	<1.0	6.9
MW-1	06/07/17	52	18	5.6	38
MW-1	11/14/17	190	98	8.9	87
MW-1	05/15/18	22	27	<1.0	19
DUP-01(MW-1)*	05/15/18	61	74	2.2	51
MW-1	10/27/18	42	12	4.6	31
DUP-01(MW-1)*	10/27/18	38	9.1	3.3	23
MW-1	05/21/19	72	47	8.3	140
MW-1	11/10/19	140	54	1.9	52
MW-1	05/12/20	340	220	19	370
MW-1	11/12/20	NS	NS	NS	NS
MW-1	05/19/21	260	52	4.1	72
DUP-01(MW-1)*	05/19/21	250	50	4.1	72
MW-1	11/11/21	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	05/22/22	180	21	1.3	28
MW-1	11/06/22	190	88	3.6	120
MW-1	05/20/23	9.3	3.5	<1.0	<10
DUP-01(MW-1)*	05/20/23	7.8	2.9	<1.0	<10
MW-1	11/12/23	230	120	4.8	58
DUP-01(MW-1)*	11/12/23	200	99	3.7	44
MW-1	05/16/24	180	58	1.5	61
DUP-01(MW-1)*	05/16/24	180	71	1.5	70
MW-1	11/14/24	260	150	6.4	76
DUP-01(MW-1)*	11/14/24	280	170	7.8	93
MW-1	05/23/25	140	46	1.5	64
DUP-01(MW-1)*	05/23/25	150	57	2.0	91
MW-1	11/15/25	190	55	4.8	65
DUP-01(MW-1)*	11/15/25	180	52	4.9	62
MW-2	08/31/00	5500	14000	670	5800
MW-2	09/05/00	NS	NS	NS	NS
MW-2	10/06/00	NS	NS	NS	NS
MW-2	07/03/01	NS	NS	NS	NS
MW-2	09/04/01	NS	NS	NS	NS
MW-2	09/24/01	NS	NS	NS	NS
MW-2	01/02/02	NS	NS	NS	NS
MW-2	04/01/02	NS	NS	NS	NS
MW-2	07/15/02	NS	NS	NS	NS
MW-2	10/08/02	NS	NS	NS	NS
MW-2	01/27/03	NS	NS	NS	NS
MW-2	04/26/03	NS	NS	NS	NS
MW-2	07/17/03	NS	NS	NS	NS
MW-2	10/13/03	NS	NS	NS	NS
MW-2	01/19/04	NS	NS	NS	NS
MW-2	04/20/04	NS	NS	NS	NS
MW-2	07/27/04	NS	NS	NS	NS
MW-2	10/20/04	NS	NS	NS	NS
MW-2	01/25/05	NS	NS	NS	NS
MW-2	04/14/05	NS	NS	NS	NS
MW-2	07/19/05	NS	NS	NS	NS
MW-2	10/21/05	NS	NS	NS	NS
MW-2	01/23/06	NS	NS	NS	NS
MW-2	04/28/06	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2	07/26/06	NS	NS	NS	NS
MW-2	11/07/06	NS	NS	NS	NS
MW-2	01/17/07	NS	NS	NS	NS
MW-2	04/24/07	NS	NS	NS	NS
MW-2	07/31/07	NS	NS	NS	NS
MW-2	10/25/07	NS	NS	NS	NS
MW-2	01/25/08	NS	NS	NS	NS
MW-2	04/18/08	NS	NS	NS	NS
MW-2	07/23/08	NS	NS	NS	NS
MW-2	10/13/08	NS	NS	NS	NS
MW-2	01/16/09	NS	NS	NS	NS
MW-2	04/06/09	NS	NS	NS	NS
MW-2	08/25/09	NS	NS	NS	NS
MW-2	11/03/09	223	1070	532	2590
MW-2	02/16/10	NS	NS	NS	NS
MW-2	05/24/10	NS	NS	NS	NS
MW-2	09/27/10	NS	NS	NS	NS
MW-2	11/08/10	152	547	471	2190
MW-2	02/01/11	NS	NS	NS	NS
MW-2	05/02/11	NS	NS	NS	NS
MW-2	09/23/11	NS	NS	NS	NS
MW-2	11/10/11	31.9	101	156	446
MW-2	02/22/12	NS	NS	NS	NS
MW-2	05/15/12	NS	NS	NS	NS
MW-2	06/05/13	NS	NS	NS	NS
MW-2	09/10/13	NS	NS	NS	NS
MW-2	12/11/13	NS	NS	NS	NS
MW-2	04/04/14	NS	NS	NS	NS
MW-2 abandoned and replaced with MW-2R on September 26, 2016					
MW-2R	10/15/16	NS	NS	NS	NS
MW-2R	06/07/17	NS	NS	NS	NS
MW-2R	07/26/17	NS	NS	NS	NS
MW-2R	11/14/17	NS	NS	NS	NS
MW-2R	05/15/18	NS	NS	NS	NS
MW-2R	10/27/18	35	140	65	250
MW-2R	05/21/19	NS	NS	NS	NS
MW-2R	11/10/19	NS	NS	NS	NS
MW-2R	05/12/20	NS	NS	NS	NS
MW-2R	11/12/20	NS	NS	NS	NS

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-2R	05/19/21	NS	NS	NS	NS
MW-2R	11/11/21	NS	NS	NS	NS
MW-2R	05/22/22	NS	NS	NS	NS
MW-2R	11/06/22	NS	NS	NS	NS
MW-2R	05/20/23	NS	NS	NS	NS
MW-2R	11/12/23	NS	NS	NS	NS
MW-2R	05/16/24	210	1300	250	1700
MW-2R	11/14/24	NS	NS	NS	NS
MW-2R	05/23/25	NS	NS	NS	NS
MW-2R	11/15/25	NS	NS	NS	NS
MW-3	09/05/00	<0.5	<0.5	<0.5	<0.5
MW-3	07/03/01	<0.5	<0.5	<0.5	<0.5
MW-3	09/04/01	NS	NS	NS	NS
MW-3	09/24/01	NS	NS	NS	NS
MW-3	04/01/02	NS	NS	NS	NS
MW-3	07/15/02	NS	NS	NS	NS
MW-3	10/08/02	NS	NS	NS	NS
MW-3	07/17/03	NS	NS	NS	NS
MW-3	10/13/03	NS	NS	NS	NS
MW-3	01/19/04	NS	NS	NS	NS
MW-3	04/20/04	NS	NS	NS	NS
MW-3	07/27/04	NS	NS	NS	NS
MW-3	10/20/04	NS	NS	NS	NS
MW-3	01/25/05	NS	NS	NS	NS
MW-3	04/14/05	NS	NS	NS	NS
MW-3	07/19/05	NS	NS	NS	NS
MW-3	10/21/05	<1	<1	<1	<2
MW-3	01/23/06	NS	NS	NS	NS
MW-3	04/28/06	NS	NS	NS	NS
MW-3	07/26/06	NS	NS	NS	NS
MW-3	11/07/06	1.1	1.6	0.42 J	2.3
MW-3	01/17/07	NS	NS	NS	NS
MW-3	04/24/07	NS	NS	NS	NS
MW-3	07/31/07	NS	NS	NS	NS
MW-3	10/25/07	<1	<1	<1	<2
MW-3	01/25/08	NS	NS	NS	NS
MW-3	04/18/08	NS	NS	NS	NS
MW-3	07/23/08	NS	NS	NS	NS
MW-3	10/08/08	<2	<2	<2	<6

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	10/13/08	NS	NS	NS	NS
MW-3	01/16/09	NS	NS	NS	NS
MW-3	04/06/09	NS	NS	NS	NS
MW-3	08/25/09	NS	NS	NS	NS
MW-3	11/03/09	<1	<1	<1	<2
MW-3	02/16/10	NS	NS	NS	NS
MW-3	05/24/10	NS	NS	NS	NS
MW-3	09/27/10	NS	NS	NS	NS
MW-3	11/08/10	<2	<2	<2	<6
MW-3	02/01/11	NS	NS	NS	NS
MW-3	05/02/11	NS	NS	NS	NS
MW-3	09/23/11	NS	NS	NS	NS
MW-3	11/10/11	<1	<1	<1	<3
MW-3	02/22/12	NS	NS	NS	NS
MW-3	05/15/12	NS	NS	NS	NS
MW-3	06/05/13	<0.14	<0.30	<0.20	<0.23
MW-3	09/10/13	NS	NS	NS	NS
MW-3	12/11/13	NS	NS	NS	NS
MW-3	04/04/14	NS	NS	NS	NS
MW-3	10/22/14	NS	NS	NS	NS
MW-3	05/28/15	NS	NS	NS	NS
MW-3	11/21/15	NS	NS	NS	NS
MW-3	04/17/16	NS	NS	NS	NS
MW-3 abandoned and replaced with MW-3R on September 26, 2016					
MW-3R	10/15/16	<1.0	<5.0	<1.0	<5.0
MW-3R	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-3R	11/14/17	<1.0	<1.0	<1.0	<10
MW-3R	05/15/18	<1.0	<1.0	<1.0	<10
MW-3R	10/27/18	<1.0	<1.0	<1.0	<10
MW-3R	05/21/19	<1.0	<1.0	<1.0	<10
MW-3R	11/10/19	<1.0	<1.0	<1.0	<10
MW-3R	05/12/20	<1.0	<1.0	<1.0	<10
MW-3R	11/12/20	<1.0	<1.0	<1.0	<10
MW-3R	05/19/21	<1.0	<1.0	<1.0	<10
MW-3R	11/11/21	<1.0	<1.0	<1.0	<10
MW-3R	05/22/22	<1.0	<1.0	<1.0	<10
MW-3R	11/06/22	<1.0	<1.0	<1.0	<10
MW-3R	05/20/23	<1.0	<1.0	<1.0	<10
MW-3R	11/12/23	<1.0	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3R	05/16/24	<1.0	<1.0	<1.0	<10
MW-3R	11/14/24	<1.0	<1.0	<1.0	<10
MW-3R	05/23/25	<1.0	<1.0	<1.0	<10
MW-3R	11/15/25	<1.0	<1.0	<1.0	<10
MW-4	11/08/06	<1	<1	<1	<2
MW-4	01/17/07	NS	NS	NS	NS
MW-4	04/24/07	NS	NS	NS	NS
MW-4	07/31/07	NS	NS	NS	NS
MW-4	10/25/07	<1	<1	<1	<2
MW-4	01/25/08	NS	NS	NS	NS
MW-4	04/18/08	NS	NS	NS	NS
MW-4	07/23/08	NS	NS	NS	NS
MW-4	10/08/08	<2	<2	<2	<6
MW-4	10/13/08	NS	NS	NS	NS
MW-4	01/16/09	NS	NS	NS	NS
MW-4	04/06/09	NS	NS	NS	NS
MW-4	08/25/09	NS	NS	NS	NS
MW-4	11/03/09	<1	<1	<1	<2
MW-4	02/16/10	NS	NS	NS	NS
MW-4	05/24/10	NS	NS	NS	NS
MW-4	09/27/10	NS	NS	NS	NS
MW-4	11/08/10	<2	<2	<2	<6
MW-4	02/01/11	NS	NS	NS	NS
MW-4	05/02/11	NS	NS	NS	NS
MW-4	09/23/11	NS	NS	NS	NS
MW-4	11/10/11	<1	<1	<1	<3
MW-4	02/22/12	NS	NS	NS	NS
MW-4	05/15/12	NS	NS	NS	NS
MW-4	06/05/13	<0.14	<0.30	<0.20	<0.23
MW-4	09/10/13	<0.14	<0.30	<0.20	<0.23
MW-4	12/11/13	<0.20	<0.38	<0.20	<0.65
MW-4	04/14/14	<0.20	<0.38	<0.20	<0.65
MW-4	10/22/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/28/15	<1.0	<5.0	<1.0	<5.0
MW-4	11/21/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/17/16	<1.0	<5.0	<1.0	<5.0
MW-4	10/15/16	<1.0	<5.0	<1.0	<5.0
MW-4	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-4	11/14/17	<1.0	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	05/15/18	NS	NS	NS	NS
MW-4	10/27/18	NS	NS	NS	NS
MW-4	05/21/19	NS	NS	NS	NS
MW-4	11/10/19	NS	NS	NS	NS
MW-4	05/12/20	<1.0	<1.0	<1.0	<10
MW-4	11/12/20	NS	NS	NS	NS
MW-4	05/19/21	NS	NS	NS	NS
MW-4	11/11/21	NS	NS	NS	NS
MW-4	05/22/22	<1.0	<1.0	<1.0	<10
MW-4	11/06/22	NS	NS	NS	NS
MW-4	05/20/23	NS	NS	NS	NS
MW-4	11/12/23	NS	NS	NS	NS
MW-4	05/16/24	<1.0	<1.0	<1.0	<10
MW-4	11/14/24	NS	NS	NS	NS
MW-4	05/23/25	<1.0	<1.0	<1.0	<10
MW-4	11/15/25	NS	NS	NS	NS
MW-5	10/15/16	<1.0	<5.0	<1.0	<5.0
MW-5	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-5	11/14/17	<1.0	<1.0	<1.0	<10
MW-5	05/15/18	NS	NS	NS	NS
MW-5	10/27/18	NS	NS	NS	NS
MW-5	05/21/19	NS	NS	NS	NS
MW-5	11/10/19	NS	NS	NS	NS
MW-5	05/12/20	<1.0	<1.0	<1.0	<10
MW-5	11/12/20	NS	NS	NS	NS
MW-5	05/19/21	NS	NS	NS	NS
MW-5	11/11/21	NS	NS	NS	NS
MW-5	05/22/22	<1.0	<1.0	<1.0	<10
MW-5	11/06/22	NS	NS	NS	NS
MW-5	05/20/23	NS	NS	NS	NS
MW-5	11/12/23	NS	NS	NS	NS
MW-5	05/16/24	<1.0	<1.0	<1.0	<10
MW-5	11/14/24	NS	NS	NS	NS
MW-5	05/23/25	<1.0	<1.0	<1.0	<10
MW-5	11/15/25	NS	NS	NS	NS
MW-6	10/15/16	4.5	<5.0	4.5	59
MW-6	06/07/17	1.4	<5.0	<1.0	<5.0
MW-6	11/14/17	<1.0	<1.0	1.7	170
MW-6	05/15/18	<1.0	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-6	10/27/18	<1.0	<1.0	<1.0	<10
MW-6	05/21/19	NS	NS	NS	NS
MW-6	11/10/19	NS	NS	NS	NS
MW-6	05/12/20	<1.0	<1.0	<1.0	<10
MW-6	11/12/20	NS	NS	NS	NS
MW-6	05/19/21	<1.0	<1.0	<1.0	<10
MW-6	11/11/21	NS	NS	NS	NS
MW-6	05/22/22	NS	NS	NS	NS
MW-6	11/06/22	<1.0	<1.0	15	680
MW-6	05/20/23	<1.0	<1.0	3.7	34
MW-6	11/12/23	1.9	<1.0	12	170
MW-6	05/16/24	1.8	<1.0	18	90
MW-6	11/14/24	<1.0	<1.0	<1.0	<10
MW-6	05/23/25	<1.0	<1.0	<1.0	<10
MW-6	11/15/25	<1.0	<1.0	<1.0	<10
MW-7	10/15/16	2.2	<5.0	<1.0	<5.0
MW-7	06/07/17	<1.0	<5.0	<1.0	<5.0
MW-7	11/14/17	<1.0	<1.0	<1.0	<10
MW-7	05/15/18	<1.0	<1.0	<1.0	<10
MW-7	10/27/18	<1.0	<1.0	<1.0	<10
MW-7	05/21/19	1.6	<1.0	<1.0	<10
MW-7	11/10/19	<1.0	<1.0	<1.0	<10
MW-7	05/12/20	5.5	<1.0	<1.0	<10
DUP-01(MW-7)*	05/12/20	6.5	<1.0	<1.0	<10
MW-7	11/12/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-7)*	11/12/20	<1.0	<1.0	<1.0	<10
MW-7	05/19/21	NS	NS	NS	NS
MW-7	11/11/21	<1.0	<1.0	2.4	30
DUP-01(MW-7)*	11/11/21	<1.0	<1.0	3.2	35
MW-7	05/22/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-7)*	05/22/22	<1.0	<1.0	<1.0	<10
MW-7	11/06/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-7)*	11/06/22	<1.0	<1.0	<1.0	<10
MW-7	05/20/23	1.7	<1.0	<1.0	<10
MW-7	11/12/23	6.4	<1.0	<1.0	<10
MW-7	05/16/24	7.9	<1.0	<1.0	<10
MW-7	11/14/24	9.4	1.2	<1.0	<10
MW-7	05/23/25	20	<1.0	<1.0	<10
MW-7	11/15/25	9.1	1.5	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-8	10/15/16	4.8	42	23	230
MW-8	06/07/17	<1.0	<5.0	2	15
MW-8	11/14/17	<1.0	<1.0	<1.0	<10
MW-8	05/15/18	NS	NS	NS	NS
MW-8	10/21/18	NS	NS	NS	NS
MW-8	10/27/18	NS	NS	NS	NS
MW-8	05/21/19	<1.0	<1.0	<1.0	<10
DUP-01(MW-8)*	05/21/19	<1.0	<1.0	<1.0	<10
MW-8	11/10/19	<1.0	<1.0	<1.0	<10
DUP-01(MW-8)*	11/10/19	<1.0	<1.0	<1.0	<10
MW-8	05/12/20	<1.0	3.6	1.8	36
MW-8	11/12/20	NS	NS	NS	NS
MW-8	05/19/21	NS	NS	NS	NS
MW-8	11/11/21	NS	NS	NS	NS
MW-8	05/22/22	1.5	2.6	4.0	49
MW-8	11/06/22	<1.0	<1.0	<1.0	<10
MW-8	05/20/23	3.3	<1.0	7.0	20
MW-8	11/12/23	<1.0	<1.0	<1.0	<10
MW-8	05/16/24	<1.0	<1.0	3.4	<10
MW-8	11/14/24	<1.0	<1.0	<1.0	<10
MW-8	05/23/25	<1.0	1.3	19	43
MW-8	08/04/25	NS	NS	NS	NS
MW-8	11/15/25	<1.0	<1.0	<1.0	<10
MW-9	11/14/17	NS	NS	NS	NS
MW-9	05/15/18	NS	NS	NS	NS
MW-9	10/27/18	1.8	<1.0	<1.0	49
MW-9	05/21/19	NS	NS	NS	NS
MW-9	11/10/19	NS	NS	NS	NS
MW-9	05/12/20	NS	NS	NS	NS
MW-9	11/12/20	NS	NS	NS	NS
MW-9	05/19/21	NS	NS	NS	NS
MW-9	11/11/21	NS	NS	NS	NS
MW-9	05/22/22	NS	NS	NS	NS
MW-9	11/06/22	NS	NS	NS	NS
MW-9	05/20/23	NS	NS	NS	NS
MW-9	11/12/23	NS	NS	NS	NS
MW-9	05/16/24	<1.0	<1.0	<1.0	<10
MW-9	11/14/24	13	110	32	260

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-9	05/23/25	5.4	5.7	5.0	44
MW-9	11/15/25	NS	NS	NS	NS
MW-10	11/14/17	<1.0	<1.0	<1.0	<10
MW-10	05/15/18	<1.0	<1.0	<1.0	<10
MW-10	10/27/18	<1.0	<1.0	<1.0	<10
MW-10	05/21/19	<1.0	<1.0	<1.0	<10
MW-10	11/10/19	<1.0	<1.0	<1.0	<10
MW-10	05/12/20	<1.0	<1.0	<1.0	<10
MW-10	11/12/20	<1.0	<1.0	<1.0	<10
MW-10	05/19/21	<1.0	<1.0	<1.0	<10
MW-10	11/11/21	<1.0	<1.0	<1.0	<10
MW-10	05/22/22	<1.0	<1.0	<1.0	<10
MW-10	11/06/22	<1.0	<1.0	<1.0	<10
MW-10	05/20/23	<1.0	<1.0	<1.0	<10
MW-10	11/12/23	<1.0	<1.0	<1.0	<10
MW-10	05/16/24	<1.0	<1.0	<1.0	<10
MW-10	11/14/24	<1.0	<1.0	<1.0	<10
MW-10	05/23/25	<1.0	<1.0	<1.0	<10
MW-10	11/15/25	<1.0	<1.0	<1.0	<10
MW-12	11/06/22	<1.0	<1.0	<1.0	<10
MW-12	05/20/23	<1.0	<1.0	<1.0	<10
MW-12	11/12/23	<1.0	<1.0	<1.0	<10
MW-12	05/16/24	<1.0	<1.0	<1.0	<10
MW-12	11/14/24	<1.0	<1.0	<1.0	<10
MW-12	05/23/25	<1.0	<1.0	<1.0	<10
MW-12	11/15/25	<1.0	<1.0	<1.0	<10
MW-13	11/06/22	<1.0	<1.0	<1.0	<10
MW-13	05/20/23	NS	NS	NS	NS
MW-13	11/12/23	NS	NS	NS	NS
MW-13	05/16/24	<1.0	<1.0	<1.0	<10
MW-13	11/14/24	NS	NS	NS	NS
MW-13	05/23/25	<1.0	<1.0	<1.0	<10
MW-13	11/15/25	NS	NS	NS	NS
MW-14	11/06/22	<1.0	<1.0	<1.0	<10
MW-14	05/20/23	<1.0	<1.0	<1.0	<10
MW-14	11/12/23	<1.0	<1.0	<1.0	<10
MW-14	05/16/24	<1.0	<1.0	<1.0	<10

TABLE 3 - GROUNDWATER ANALYTICAL RESULTS

K-27 Line Drip					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-14	11/14/24	<1.0	<1.0	<1.0	<10
MW-14	05/23/25	<1.0	<1.0	<1.0	<10
MW-14	11/15/25	<1.0	<1.0	<1.0	<10

Notes:

NS = Not sampled.

µg/L = Micrograms per liter.

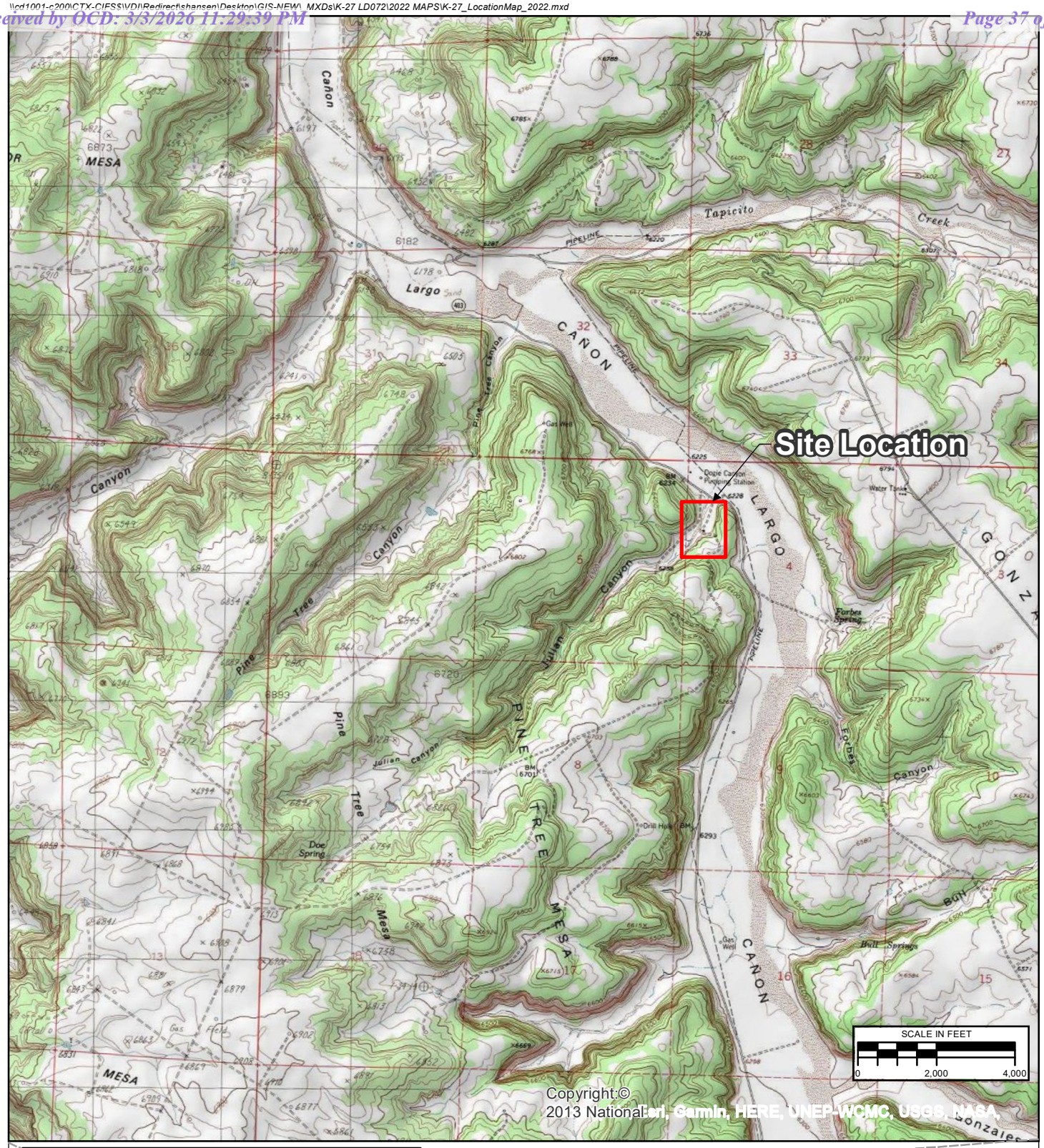
Results highlighted yellow exceed their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the result in an approximate value.

< = Analyte was not detected at the indicated reporting limit (some historic data were reported at the detection limit).

*Field Duplicate results presented immediately below primary sample results.

FIGURES



N

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2023-02-14	SAH	SAH	SRV

TITLE
SITE LOCATION

Stantec

PROJECT
K-27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

FIGURE
1

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\K-27 LD072\2022 MAPS\K-27_SITEMAP_2022.mxd

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- FENCE
- GAS — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- TEST WELL
- SOIL BORING
- SMA BENCHMARK
- RIGHT OF WAY BOUNDARY

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-01-03	SLG	SLG	SRV

TITLE:

SITE PLAN

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: **2**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\K-27 LD072\2025 MAPS\K-27_GARM_1SA_2025.mxd

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —X— — FENCE
- GAS — NATURAL GAS LINE
- RIGHT OF WAY BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- TEST WELL
- SMA BENCHMARK

NOTES:

DUP = FIELD DUPLICATE SAMPLE
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = BELOW REPORTING LIMIT

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-07-11	SAH	SAH	SRV

TITLE:

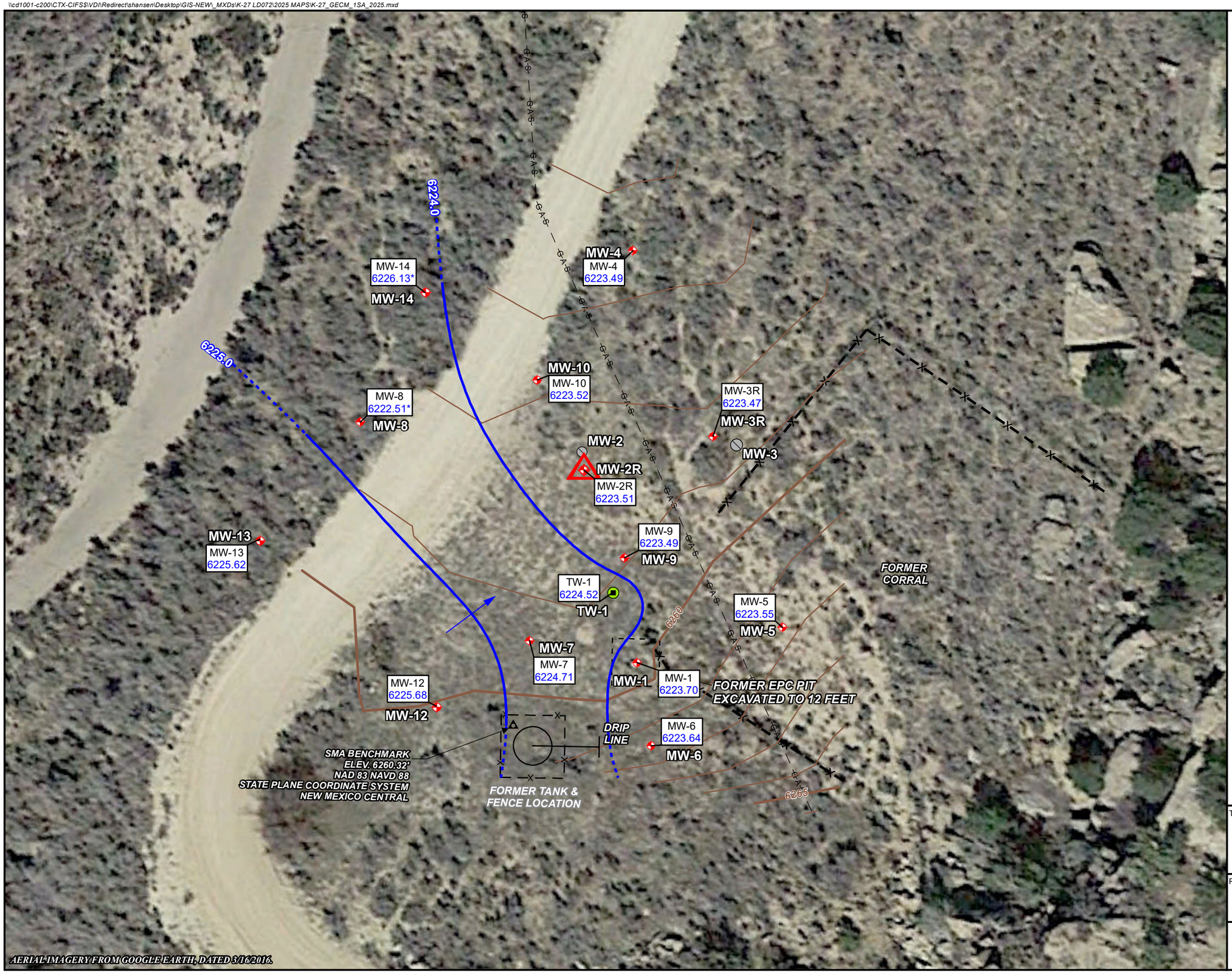
GROUNDWATER ANALYTICAL RESULTS
MAY 23, 2025

PROJECT:
K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: 3

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\K-27 LD072\2025 MAPS\K-27_GECM_1SA_2025.mxd



LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- FENCE
- GAS — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- TEST WELL
- SMA BENCHMARK

NOTES:

- 6225.68 — GROUNDWATER ELEVATION (CORRECTED FOR LNAPL THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- (6223.0) — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW
- * — GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2025-07-11	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
MAY 23, 2025

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: **4**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\K-27 LD072\2025 MAPS\K-27_GARM_2SA_2025.mxd

LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- —X— — FENCE
- GAS — NATURAL GAS LINE
- RIGHT OF WAY BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- TEST WELL
- SMA BENCHMARK

NOTES:

DUP = FIELD DUPLICATE SAMPLE
LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
NS = NOT SAMPLED
µg/L = MICROGRAMS PER LITER
<1 = BELOW REPORTING LIMIT

ANALYTE	NMWQCC STANDARDS
B = Benzene	10 µg/L
T = Toluene	750 µg/L
E = Ethylbenzene	750 µg/L
X = Total Xylenes	620 µg/L

N

SCALE IN FEET
0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2026-02-11	SAH	SAH	SRV

TITLE:

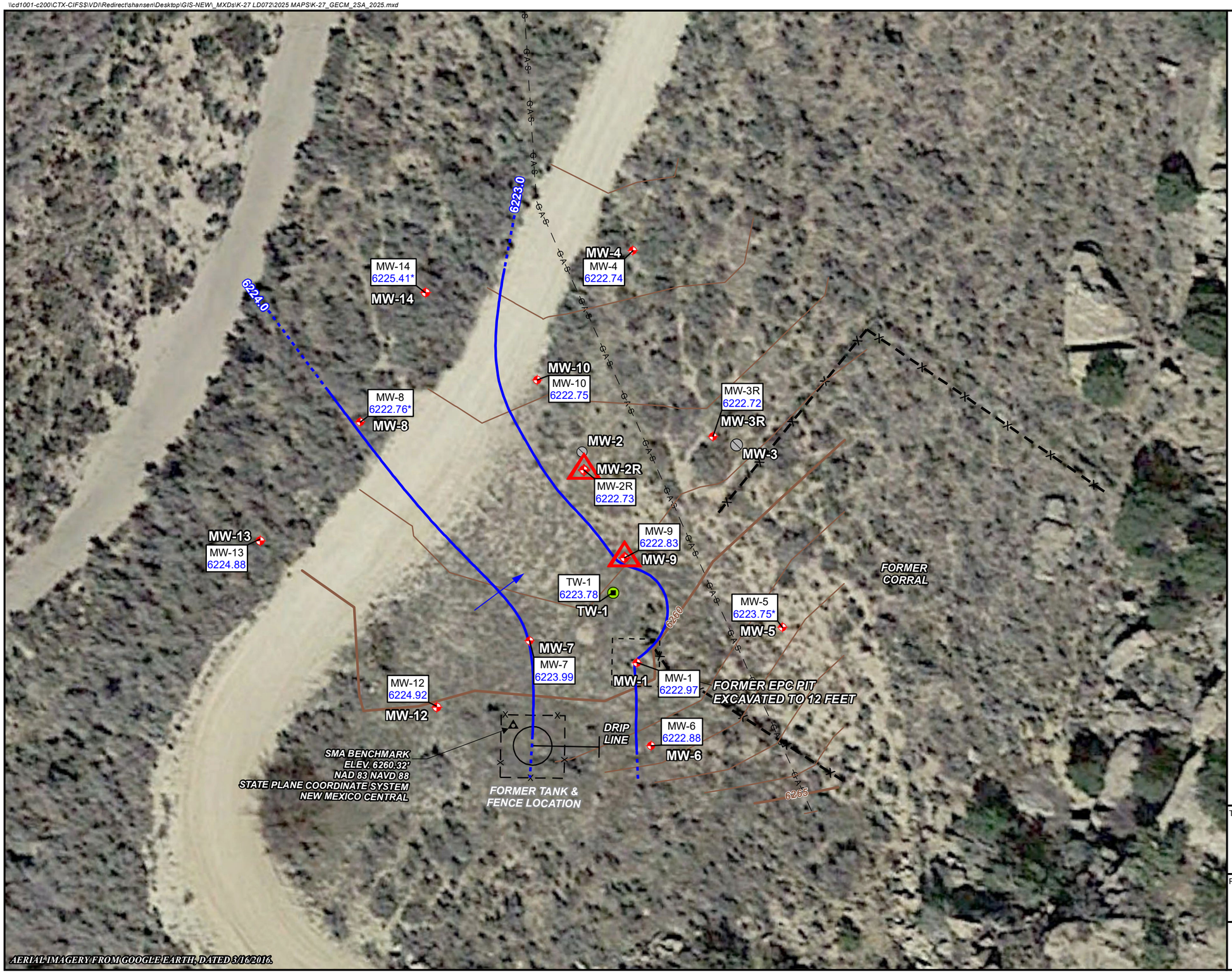
GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 15, 2025

PROJECT: ***K27 LD072***
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: **5**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXDs\K-27 LD072\2025 MAPS\K-27_GECM_2SA_2025.mxd



LEGEND:

- 6257 — APPROXIMATE GROUND SURFACE CONTOUR AND ELEVATION, FEET
- FENCE
- GAS — NATURAL GAS LINE
- ABANDONED MONITORING WELL
- MONITORING WELL
- MONITORING WELL WITH MEASURABLE LNAPL
- TEST WELL
- SMA BENCHMARK

NOTES:

- 6224.88 — GROUNDWATER ELEVATION (CORRECTED FOR LNAPL THICKNESS WHEN PRESENT) FEET ABOVE MEAN SEA LEVEL
- (6223.0) — CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- DIRECTION OF APPARENT GROUNDWATER FLOW
- * — GROUNDWATER ELEVATION APPEARS ANOMALOUS AND WAS NOT USED TO PREPARE CONTOURING GROUNDWATER ELEVATION.

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID

N

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
A	2026-02-11	SAH	SAH	SRV

TITLE:

GROUNDWATER ELEVATION MAP
NOVEMBER 15, 2025

PROJECT:

K27 LD072
SAN JUAN RIVER BASIN
RIO ARRIBA COUNTY, NEW MEXICO

Stantec

Figure No.: 6

APPENDICES

APPENDIX A

K-27
Site History
Rio Arriba County, New Mexico

Date	*Source (Regulatory File #)*	*Event/Action*	*Description/Comments*
9/16/1995	nAUTOfAB000316 (Case # 3RP-204, Application ID 385707)	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. Accepted 10/11/2024.
11/29/1995	nAUTOfAB000316 (Case # 3RP-204)	EPFS Addendum to the Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Amends work plan to include installation of additional wells for delineation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWQCC standards. Accepted 10/11/2024.
11/30/1995	nAUTOfAB000316 (Case # 3RP-204)	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
6/2/1997	nAUTOfAB000316 (Case # 3RP-204)	EPFS letter to NMOCD	Groundwater had been encountered at various sites while investigating and/or remediating exempt hydrocarbon unlined pits. Depth to water was stated as being 40' at the K27 Line Drip site. EPFS requested that future reports for this project be submitted on a yearly basis.
8/6/1997	nAUTOfAB000316 (Case # 3RP-204)	NMOCD approval letter for the 6/2/1997 Semiannual Groundwater Report (EPFS)	Includes EPFS's listing of San Juan Basin pit closure sites at which EPFS has encountered groundwater and a proposal to modify the reporting schedule to annual.
2/27/1998	nAUTOfAB000316 (Case # 3RP-204)	Phillip Services' 1997 Annual Report (for EPFS)	Quarterly groundwater monitoring was initiated on 11/4/96 and continued into 1997. Report recommended obtaining permission to conduct an off-site investigation. Historical (1995-1996) well and soil boring logs and sample results also provided.
7/8/1998	nAUTOfAB000316 (Case # 3RP-204)	NMOCD 1997 Annual Report review letter	Requires EPFS install additional groundwater monitoring wells at the site to monitor and determine the extent of groundwater contamination pursuant to their previously approved groundwater investigation plan.

K-27
Site History
Rio Arriba County, New Mexico

Date	*Source (Regulatory File #)*	*Event/Action*	*Description/Comments*
3/31/1999	nAUTOfAB000316 (Case # 3RP-204)	Phillip Services' 1998 Annual Report (for EPFS)	LNAPL monitoring and recovery from MW-1. Quarterly sampling was discontinued due to the presence of LNAPL.
7/28/1999	nAUTOfAB000316 (Case # 3RP-204)	NMOCD 1998 Annual Report review letter	Requires that EPFS install additional groundwater monitoring wells at the site by December 31, 1999.
3/24/2000	nAUTOfAB000316 (Case # 3RP-204)	Phillip Services' 1999 Annual Report (for EPFS)	LNAPL monitoring results and attempted installation of MW-2.
3/31/2001	nAUTOfAB000316 (Case # 3RP-204)	Phillip Services' 2000 Annual Report (for EPFS)	Monitoring wells MW-2 and MW-3 installed and quarterly LNAPL monitoring and groundwater sampling conducted.
7/18/2001	nAUTOfAB000316 (Case # 3RP-204)	NMOCD 2000 Annual Report review letter	Requires install of additional groundwater monitoring wells.
2/28/2002	nAUTOfAB000316 (Case # 3RP-204)	MWH 2001 Annual Report (for EPFS)	Quarterly LNAPL recovery and groundwater sampling results.
2/28/2003	nAUTOfAB000316 (Case # 3RP-204)	MWH 2002 Annual Report (for EPFS)	Quarterly LNAPL recovery activities. LNAPL present in MW-3 in July 2002.
4/3/2003	nAUTOfAB000316 (Case # 3RP-204)	NMOCD 2002 Annual Report review letter	Requires installation of additional groundwater monitoring wells to delineate the extent of groundwater.
2/26/2004	nAUTOfAB000316 (Case # 3RP-204)	MWH 2003 Annual Report (for EPFS)	Quarterly LNAPL monitoring and recovery activities.
2/21/2005	nAUTOfAB000316 (Case # 3RP-204)	MWH 2004 Annual Report (for EPFS)	Quarterly LNAPL recovery and monitoring activities.
2006	nAUTOfAB000316 (Case # 3RP-204)	MWH 2005 Annual Report (for EPFS)	Quarterly LNAPL recovery (using oil absorbant socks) and monitoring. Access grants and permits being obtained for Geoprobe investigation in 2006.
3/2007	nAUTOfAB000316 (Case # 3RP-204)	MWH 2006 Annual Report (for EPTPC)	Quarterly LNAPL recovery activities and annual groundwater sampling results, and results of Geoprobe soil and groundwater sampling. Temporary well TMW-5 installed.

K-27
Site History
Rio Arriba County, New Mexico

Date	*Source (Regulatory File #)*	*Event/Action*	*Description/Comments*
4/2/2008	nAUTOfAB000316 (Case # 3RP-204)	MWH 2007 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater sampling activities.
2/28/2009	nAUTOfAB000316 (Case # 3RP-204)	MWH 2008 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater sampling activities.
4/16/2010	nAUTOfAB000316 (Case # 3RP-204)	MWH 2009 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater sampling activities.
3/2/2011	nAUTOfAB000316 (Case # 3RP-204)	MWH 2010 Annual Report (for EPTPC)	Quarterly LNAPL recovery and annual groundwater sampling activities.
8/16/2012	nAUTOfAB000316 (Case # 3RP-204)	MWH 2011 Annual Report (for EPCGPC)	Quarterly LNAPL recovery and annual groundwater sampling activities. The potential for passive bioventing or ORC/electron acceptor remediation technology to be evaluated.
3/4/2014	nAUTOfAB000316 (Case # 3RP-204)	MWH 2013 Annual Report (for EPCGPC)	Annual groundwater sampling conducted. Access agreements for additonal monitoring well installation activities being pursued.
2/2/2015	nAUTOfAB000316 (Case # 3RP-204)	MWH 2014 Annual Report (for EPCGP)	Annual groundwater sampling conducted, and status update of BLM right-of-way agreements provided.
2/16/2016	nAUTOfAB000316 (Case # 3RP-204)	MWH 2015 Annual Report (for EPCGP)	Annual groundwater sampling conducted.
9/7/2016	Not in NMOCD files	MWH 2016 Monitoring Well Installation Work Plan	Work Plan for replacing 2 monitoring wells, installing 4 additional monitoring wells, and advancing 1 soil boring.
3/20/2017	nAUTOfAB000316 (Case # 3RP-204)	MWH 2016 Annual Report (for EPCGP)	Six monitoring wells (MW-2R, MW-3R, MW-5, MW-6, MW-7, and MW-8) were completed and one soil boring (SB-1) advanced. MW-2 and MW-3 plugged and abandoned. Semi-annual groundwater sampling conducted. LNAPL encountered in MW-2R.
6/2/2017	nAUTOfAB000316 (Case # 3RP-204)	Letter from NMOCD to El Paso	Submit remediation plans by 7/31/2017 to a) fully delineate both the LNAPL and benzene plumes and b) to recover LNAPL effectively by use of more active remediation techniques.

K-27
Site History
Rio Arriba County, New Mexico

Date	*Source (Regulatory File #)*	*Event/Action*	*Description/Comments*
6/29/2017	nAUTOfAB000316 (Case # 3RP-204)	Work Plan for LNAPL Recovery Activities (for EPCGPC)	MDPE activities proposed.
7/5/2017	nAUTOfAB000316 (Case # 3RP-204)	NMOCD letter to El Paso Re: June 2017 Work Plan	NMOCD approved 1 day of MDPE at MW-2R.
7/19/2017	nAUTOfAB000316 (Case # 3RP-204)	Response letter from EPCGPC to NMOCD	Letter stated EPCGP is awaiting the results of the 2017 groundwater monitoring activities and effectiveness of the planned MDPE activities prior to submitting a scope of work of additional delineation activities. Delineation north of MW-2R is planned for 2018.
10/5/2017	nAUTOfAB000316 (Case # 3RP-204)	Monitoring Well Installation Work Plan (for EPCGPC)	Work Plan to install two additional monitoring wells (MW-9 and MW-10).
11/15/2017	nAUTOfAB000316 (Case # 3RP-204)	NMOCD Approval of Monitoring Well Installation Work Plan	MW-9 and MW-10
3/28/2018	nAUTOfAB000316 (Case # 3RP-204)	MWH 2017 Annual Report (for EPCGP)	Summary 1 day MDPE event, installation of MW-9 and MW-10, semi-annual groundwater sampling.
3/29/2019	Not in NMOCD files	Stantec 2018 Annual Report (for EPCGP)	Installation and testing of well TW-1, semi-annual groundwater sampling, and LNAPL recovery.
3/16/2020	Not in NMOCD files	Stantec 2019 Annual Groundwater Report (for EPCGP)	Semi-annual sampling and LNAPL recovery.
4/8/2021	nAUTOfAB000316 (Application ID 25487))	Stantec 2020 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater sampling and quarterly LNAPL recovery. Approved 1/4/2022.
3/30/2022	nAUTOfAB000316 (Application ID 94475)	Stantec 2021 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater sampling and quarterly LNAPL recovery. Accepted 5/22/2023.
9/28/2022	nAUTOfAB000316 (Application ID 144959)	Stantec Monitoring Well Installation Activities Work Plan (for EPCGP)	The Work Plan proposed the installation of four monitoring wells (MW-11 through MW-14) at the site. Accepted 5/22/2023.
3/29/2023	nAUTOfAB000316 (Application ID 201738)	Stantec 2022 Annual Groundwater Report (for EPCGP)	MW-11 through MW-14 installation, semi-annual groundwater sampling and quarterly LNAPL recovery. Approved 5/22/2023.

K-27
Site History
Rio Arriba County, New Mexico

Date	*Source (Regulatory File #)*	*Event/Action*	*Description/Comments*
3/28/2024	nAUTOfAB000316 (Application ID 327888)	Stantec 2023 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater sampling and quarterly LNAPL recovery. Approved 5/22/2023.
3/27/2025	nAUTOfAB000316 (Application ID 446184)	Stantec 2024 Annual Groundwater Report (for EPCGP)	Semi-annual groundwater sampling and quarterly LNAPL recovery.

APPENDIX B

From: Wells, Shelly, EMNRD
To: Varsa, Steve
Cc: Bratcher, Michael, EMNRD; Buchanan, Michael, EMNRD; Wiley, Joe
Subject: RE: [EXTERNAL] El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Wednesday, March 19, 2025 3:03:30 PM

Good afternoon Steve,

OCD is in receipt of the notice of groundwater activities at the below sites. Incident events have been updated to reflect these activities.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Varsa, Steve <steve.varsa@stantec.com>
Sent: Wednesday, March 19, 2025 11:32 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>; Wiley, Joe <joe_wiley@kindermorgan.com>
Subject: [EXTERNAL] El Paso CGP Company - Notice of upcoming groundwater sampling activities

Pursuant to El Paso CGP Company's (EPCGP's) Groundwater Remediation Plan, this correspondence is to provide notice to the NMOCD of upcoming quarterly groundwater sampling, LNAPL recovery activities, and/or system operation and maintenance (O&M) at the following EPCGP project sites:

Site Name	Incident Number	Activity	Date
Canada Mesa #2	nAUTOfAB000065	LNAPL Recovery	3/27/2025
Fields A#7A	nAUTOfAB000176	LNAPL Recovery	3/24/2025
Fogelson 4-1	nAUTOfAB000192	Groundwater Sampling	3/26/2025
Gallegos Canyon Unit #124E	nAUTOfAB000205	Groundwater Sampling	3/26/2025
James F. Bell #1E	nAUTOfAB000291	LNAPL Recovery	3/24/2025
Johnston Fed #4	nAUTOfAB000305	LNAPL Recovery, System O&M	3/24/2025
Johnston Fed #6A	nAUTOfAB000309	Groundwater Sampling	3/24/2025

K27 LDO72	nAUTOfAB000316	LNAPL Recovery	3/27/2025
Knight #1	nAUTOfAB000324	Groundwater Sampling	3/25/2025
Lateral L 40 Line Drip	nAUTOfAB000335	LNAPL Recovery	3/27/2025
State Gas Com N #1	nAUTOfAB000668	LNAPL Recovery	3/25/2025

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

From: Varsa, Steve
To: Enviro, OCD, EMNRD
Cc: Bratcher, Mike, EMNRD; Buchanan, Michael, EMNRD; Wiley, Joe
Subject: El Paso CGP Company - Notice of upcoming groundwater sampling activities
Date: Tuesday, May 13, 2025 7:51:30 AM

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

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOfAB000065	5/21/2025
Fields A#7A	nAUTOfAB000176	5/17/2025
Fogelson 4-1	nAUTOfAB000192	5/18/2025
Gallegos Canyon Unit #124E	nAUTOfAB000205	5/18/2025
GCU Com A #142E	nAUTOfAB000219	5/20/2025
James F. Bell #1E	nAUTOfAB000291	5/18/2025
Johnston Fed #4	nAUTOfAB000305	5/19/2025
Johnston Fed #6A	nAUTOfAB000309	5/19/2025
K27 LDO72	nAUTOfAB000316	5/21/2025
Knight #1	nAUTOfAB000324	5/20/2025
Lateral L 40 Line Drip	nAUTOfAB000335	5/21/2025
Sandoval GC A #1A	nAUTOfAB000635	5/19/2025
Standard Oil Com #1	nAUTOfAB000666	5/21/2025
State Gas Com N #1	nAUTOfAB000668	5/17/2025

Pending successful repair of the generator at the Johnston Federal #4 site, system restart and O&M are expected to occur on 5/23/2025.

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

From: OCDOnline@state.nm.us
To: Varsa, Steve
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 490534
Date: Wednesday, July 30, 2025 7:55:37 PM

To whom it may concern (c/o Stephen Varsa for El Paso Natural Gas Company, L.L.C),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAUTOfAB000316.

The sampling event is expected to take place:

When: 08/04/2025 @ 11:00
Where: E-04-25N-06W 0 FNL 0 FEL (36.430553,-107.480164)

Additional Information: Sean Clary (Stantec) – 913-980-0281. Alternatively, you can contact the project manager (Steve Varsa, Stantec) – 515-710-7523

Additional Instructions: Groundwater abatement per 19.15.30.14B NMAC at the K-27 Line Drip site. Quarterly LNAPL recovery activities. Lat: 36.430553 Long: -107.480164

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Varsa, Steve

From: OCDOnline@state.nm.us
Sent: Wednesday, November 5, 2025 1:40 PM
To: Varsa, Steve
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 516676

To whom it may concern (c/o Stephen Varsa for El Paso Natural Gas Company, L.L.C),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAUTOfAB000316.

The sampling event is expected to take place:

When: 11/15/2025 @ 11:00
Where: E-04-25N-06W 0 FNL 0 FEL (36.430553,-107.480164)

Additional Information: Sean Clary (Stantec) - 913-980-0281. Alternatively, you can contact the project manager (Steve Varsa, Stantec) - 515-710-7523

Additional Instructions: Groundwater abatement per 19.15.30.14B NMAC at the K-27 Line Drip site. Groundwater sampling and LNAPL recovery activities. The site is located at Lat: 36.430553 Long: -107.480164.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

APPENDIX C

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

CUSTOMER: El Paso CGP

LOCATION: Canada Mesa #2, Gallegos Canyon Unit #124E, IC-27 LD072, Knight #1, Johnston Federal #4, Fields A#74, Fogelson 4-1, State Gas Com N #1, Johnston Federal #64, James F. Bell, Lateral L-40

ORDERED BY: Joe Wiley

DELIVERED BY: Stantec **TICKET#:**

PRODUCT: (4100) 4101 4102 4105 4110 4115

	BARRELS	DESCRIPTON	UNIT PRICE	AMOUNT
1	1			
2				
3				
4				
5				
6				
7				
8				
9				
10				

SUBTOTAL:

SUB TOTAL		
STATE TAX		
TOTAL		

NO. 366975

DRIVERS SIGNATURE: Juan R Clary

SAN JUAN PRINTING 1018095A

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

CUSTOMER: El Paso CGP Gallegos Canyon Unit #142E, Sandoval GC A#1A, Standard Oil Com #1

LOCATION: Canada Mesa #2, Gallegos Canyon Unit #124E
K-27 LD072, Knight #1, Fields A#7A, Fogelson 4-1
State Gas Com N#1, Johnston Federal #4, Johnston
James F Bell #E, Lateral Federal #6
L-40

ORDERED BY: Joe Wiley

DELIVERED BY: Sean Clary (Stantec) **TICKET#:**

PRODUCT: 4100 4101 4102 4105 4110 4115

	BARRELS	DESCRIPTON	UNIT PRICE	AMOUNT
1	1	Water + LNAPL		
2				
3				
4				
5				
6				
7				
8				
9				
10				

SUBTOTAL:

SUB TOTAL		
STATE TAX		
TOTAL		

NO. 367009

DRIVERS SIGNATURE: Sean R Clary

SAN JUAN PRINTING 1018095A

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

10 AUG '25 AM 8:22

CUSTOMER: El Paso CGP Company, LLC

LOCATION: Canada Mesa #2, Gallegos Canyon Unit #124, K-27 LDC 72, Knight #1, Fields A#7A, Fogelson 4-1, State gas com N#1, Johnston Federal #4, James F Bell #1E, Lateral L-40

ORDERED BY: Joe Wiley

DELIVERED BY: Sean Clay (Stantec) **TICKET#:**

PRODUCT: (4100 circled) 4101 4102 4105 4110 4115

	BARRELS	DESCRIPTON	UNIT PRICE	AMOUNT
1	1	Groundwater + LNAPL		
2				
3				
4				
5				
6				
7				
8				
9				
10				
		SUB TOTAL		
		STATE TAX		
		TOTAL		

SUBTOTAL: ________

NO. 357563

DRIVERS SIGNATURE: Sean R Clay

SAN JUAN PRINTING 1018095A

AGUA MOSS, LLC

P.O. Box 600, Farmington, NM 87499
(505) 632-3640

19 NOV '25 AM 7:57

CUSTOMER: EPCGP

LOCATION: CANADA MESA #2, K-27 LD072, KNIGHT #1, FIELDS A#7A, STATE GAS COM N#1, JOHNSTON FEDERAL #4, JAMES F. BELL #1E, LATERAL L-40, GALLEGOS CANYON #142E, STANDARD OIL COM #1, SANDOVAL GC A #1A

ORDERED BY: Joe Wiley

DELIVERED BY: Sean Clary (Stantec) TICKET#:

PRODUCT: (4100 circled) 4101 4102 4105 4110 4115

	BARRELS	DESCRIPTON	UNIT PRICE	AMOUNT
1	1	Groundwater + LNAPL		
2				
3				
4				
5				
6				
7				
8				
9				
10				
		SUB TOTAL		
		STATE TAX		
		TOTAL		

SUBTOTAL:

NO. 367611

DRIVERS SIGNATURE: Sean R Clary

SAN JUAN PRINTING 1018095A

APPENDIX D

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/11/2025 9:28:42 AM

JOB DESCRIPTION

K27 LD072.00

JOB NUMBER

400-276642-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

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Job Notes

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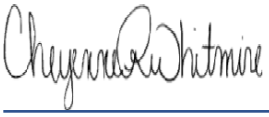
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed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

Authorization



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Authorized for release by
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Client: Stantec Consulting Services, Inc.
Project/Site: K27 LD072.00

Laboratory Job ID: 400-276642-1

Table of Contents

Case Narrative

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project: K27 LD072.00

Job ID: 400-276642-1 Eurofins Pensacola

Job Narrative
400-276642-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/28/2025 9:45 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 time was 11.4°C.

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

Detection Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: TB-01 Lab Sample ID: 400-276642-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-276642-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	150		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	2.0		1.0		ug/L	1		8260D	Total/NA
Toluene	57		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	91		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-1 Lab Sample ID: 400-276642-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	140		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	1.5		1.0		ug/L	1		8260D	Total/NA
Toluene	46		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	64		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-3R Lab Sample ID: 400-276642-4

No Detections.

Client Sample ID: MW-4 Lab Sample ID: 400-276642-5

No Detections.

Client Sample ID: MW-5 Lab Sample ID: 400-276642-6

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-276642-7

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-276642-8

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-8 Lab Sample ID: 400-276642-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	19		1.0		ug/L	1		8260D	Total/NA
Toluene	1.3		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	43		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-9 Lab Sample ID: 400-276642-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.4		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	5.0		1.0		ug/L	1		8260D	Total/NA
Toluene	5.7		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	44		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-10 Lab Sample ID: 400-276642-11

No Detections.

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-12 Lab Sample ID: 400-276642-12

No Detections.

Client Sample ID: MW-13 Lab Sample ID: 400-276642-13

No Detections.

Client Sample ID: MW-14 Lab Sample ID: 400-276642-14

No Detections.

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: K27 LD072.00

Job ID: 400-276642-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: K27 LD072.00

Job ID: 400-276642-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-276642-1	TB-01	Water	05/23/25 07:35	05/28/25 09:45
400-276642-2	DUP-01	Water	05/23/25 01:00	05/28/25 09:45
400-276642-3	MW-1	Water	05/23/25 07:45	05/28/25 09:45
400-276642-4	MW-3R	Water	05/23/25 07:55	05/28/25 09:45
400-276642-5	MW-4	Water	05/23/25 08:10	05/28/25 09:45
400-276642-6	MW-5	Water	05/23/25 08:16	05/28/25 09:45
400-276642-7	MW-6	Water	05/23/25 08:22	05/28/25 09:45
400-276642-8	MW-7	Water	05/23/25 08:34	05/28/25 09:45
400-276642-9	MW-8	Water	05/23/25 08:40	05/28/25 09:45
400-276642-10	MW-9	Water	05/23/25 08:45	05/28/25 09:45
400-276642-11	MW-10	Water	05/23/25 08:39	05/28/25 09:45
400-276642-12	MW-12	Water	05/23/25 08:27	05/28/25 09:45
400-276642-13	MW-13	Water	05/23/25 08:20	05/28/25 09:45
400-276642-14	MW-14	Water	05/23/25 08:06	05/28/25 09:45

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: TB-01 **Lab Sample ID: 400-276642-1**
Date Collected: 05/23/25 07:35 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 16:49	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 16:49	1
Toluene	<1.0		1.0		ug/L			06/05/25 16:49	1
Xylenes, Total	<10		10		ug/L			06/05/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*56 - 136*		*06/05/25 16:49*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*06/05/25 16:49*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*06/05/25 16:49*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: K27 LD072.00

Job ID: 400-276642-1

Client Sample ID: DUP-01

Date Collected: 05/23/25 01:00
Date Received: 05/28/25 09:45

Lab Sample ID: 400-276642-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**150**		1.0		ug/L			06/05/25 17:15	1
Ethylbenzene	**2.0**		1.0		ug/L			06/05/25 17:15	1
Toluene	**57**		1.0		ug/L			06/05/25 17:15	1
Xylenes, Total	**91**		10		ug/L			06/05/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*06/05/25 17:15*	*1*
Dibromofluoromethane	*89*		*79 - 130*		*06/05/25 17:15*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*06/05/25 17:15*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-1 Lab Sample ID: 400-276642-3

Date Collected: 05/23/25 07:45 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	140		1.0		ug/L			06/05/25 17:40	1
Ethylbenzene	1.5		1.0		ug/L			06/05/25 17:40	1
Toluene	46		1.0		ug/L			06/05/25 17:40	1
Xylenes, Total	64		10		ug/L			06/05/25 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*56 - 136*		*06/05/25 17:40*	*1*
Dibromofluoromethane	*91*		*79 - 130*		*06/05/25 17:40*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*06/05/25 17:40*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-3R **Lab Sample ID: 400-276642-4**
Date Collected: 05/23/25 07:55 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/30/25 09:11	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 09:11	1
Toluene	<1.0		1.0		ug/L			05/30/25 09:11	1
Xylenes, Total	<10		10		ug/L			05/30/25 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*56 - 136*		*05/30/25 09:11*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*05/30/25 09:11*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*05/30/25 09:11*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-4 **Lab Sample ID: 400-276642-5**
Date Collected: 05/23/25 08:10 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/30/25 09:36	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 09:36	1
Toluene	<1.0		1.0		ug/L			05/30/25 09:36	1
Xylenes, Total	<10		10		ug/L			05/30/25 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*56 - 136*		*05/30/25 09:36*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*05/30/25 09:36*	*1*
Toluene-d8 (Surr)	*104*		*64 - 132*		*05/30/25 09:36*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-5 **Lab Sample ID: 400-276642-6**
Date Collected: 05/23/25 08:16 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/30/25 10:01	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 10:01	1
Toluene	<1.0		1.0		ug/L			05/30/25 10:01	1
Xylenes, Total	<10		10		ug/L			05/30/25 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*05/30/25 10:01*	*1*
Dibromofluoromethane	*96*		*79 - 130*		*05/30/25 10:01*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/30/25 10:01*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-6 **Lab Sample ID: 400-276642-7**
Date Collected: 05/23/25 08:22 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/30/25 10:27	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 10:27	1
Toluene	<1.0		1.0		ug/L			05/30/25 10:27	1
Xylenes, Total	<10		10		ug/L			05/30/25 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*56 - 136*		*05/30/25 10:27*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*05/30/25 10:27*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*05/30/25 10:27*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-7 **Lab Sample ID: 400-276642-8**
Date Collected: 05/23/25 08:34 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**20**		1.0		ug/L			06/05/25 18:05	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 18:05	1
Toluene	<1.0		1.0		ug/L			06/05/25 18:05	1
Xylenes, Total	<10		10		ug/L			06/05/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*56 - 136*		*06/05/25 18:05*	*1*
Dibromofluoromethane	*106*		*79 - 130*		*06/05/25 18:05*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*06/05/25 18:05*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-8 **Lab Sample ID: 400-276642-9**
Date Collected: 05/23/25 08:40 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 10:12	1
Ethylbenzene	**19**		1.0		ug/L			06/05/25 10:12	1
Toluene	**1.3**		1.0		ug/L			06/05/25 10:12	1
Xylenes, Total	**43**		10		ug/L			06/05/25 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*06/05/25 10:12*	*1*
Dibromofluoromethane	*112*		*79 - 130*		*06/05/25 10:12*	*1*
Toluene-d8 (Surr)	*91*		*64 - 132*		*06/05/25 10:12*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: K27 LD072.00

Job ID: 400-276642-1

Client Sample ID: MW-9

Lab Sample ID: 400-276642-10

Date Collected: 05/23/25 08:45
Matrix: Water
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.4		1.0		ug/L			06/05/25 10:34	1
Ethylbenzene	5.0		1.0		ug/L			06/05/25 10:34	1
Toluene	5.7		1.0		ug/L			06/05/25 10:34	1
Xylenes, Total	44		10		ug/L			06/05/25 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*06/05/25 10:34*	*1*
Dibromofluoromethane	*103*		*79 - 130*		*06/05/25 10:34*	*1*
Toluene-d8 (Surr)	*92*		*64 - 132*		*06/05/25 10:34*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-10 **Lab Sample ID: 400-276642-11**
Date Collected: 05/23/25 08:39 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 10:56	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 10:56	1
Toluene	<1.0		1.0		ug/L			06/05/25 10:56	1
Xylenes, Total	<10		10		ug/L			06/05/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*56 - 136*		*06/05/25 10:56*	*1*
Dibromofluoromethane	*117*		*79 - 130*		*06/05/25 10:56*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*06/05/25 10:56*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-12 **Lab Sample ID: 400-276642-12**
Date Collected: 05/23/25 08:27 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 15:20	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 15:20	1
Toluene	<1.0		1.0		ug/L			06/05/25 15:20	1
Xylenes, Total	<10		10		ug/L			06/05/25 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*06/05/25 15:20*	*1*
Dibromofluoromethane	*117*		*79 - 130*		*06/05/25 15:20*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*06/05/25 15:20*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc.
Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-13
Lab Sample ID: 400-276642-13
Date Collected: 05/23/25 08:20
Matrix: Water
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 15:42	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 15:42	1
Toluene	<1.0		1.0		ug/L			06/05/25 15:42	1
Xylenes, Total	<10		10		ug/L			06/05/25 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*06/05/25 15:42*	*1*
Dibromofluoromethane	*119*		*79 - 130*		*06/05/25 15:42*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*06/05/25 15:42*	*1*

Client Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-14 **Lab Sample ID: 400-276642-14**
Date Collected: 05/23/25 08:06 **Matrix: Water**
Date Received: 05/28/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 16:04	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 16:04	1
Toluene	<1.0		1.0		ug/L			06/05/25 16:04	1
Xylenes, Total	<10		10		ug/L			06/05/25 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*06/05/25 16:04*	*1*
Dibromofluoromethane	*119*		*79 - 130*		*06/05/25 16:04*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*06/05/25 16:04*	*1*

Definitions/Glossary

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: TB-01 Lab Sample ID: 400-276642-1
Date Collected: 05/23/25 07:35 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711610	06/05/25 16:49	WPD	EET PEN

Client Sample ID: DUP-01 Lab Sample ID: 400-276642-2
Date Collected: 05/23/25 01:00 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711610	06/05/25 17:15	WPD	EET PEN

Client Sample ID: MW-1 Lab Sample ID: 400-276642-3
Date Collected: 05/23/25 07:45 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711610	06/05/25 17:40	WPD	EET PEN

Client Sample ID: MW-3R Lab Sample ID: 400-276642-4
Date Collected: 05/23/25 07:55 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 09:11	WPD	EET PEN

Client Sample ID: MW-4 Lab Sample ID: 400-276642-5
Date Collected: 05/23/25 08:10 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 09:36	WPD	EET PEN

Client Sample ID: MW-5 Lab Sample ID: 400-276642-6
Date Collected: 05/23/25 08:16 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 10:01	WPD	EET PEN

Client Sample ID: MW-6 Lab Sample ID: 400-276642-7
Date Collected: 05/23/25 08:22 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 10:27	WPD	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-7 — Lab Sample ID: 400-276642-8

Date Collected: 05/23/25 08:34 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711610	06/05/25 18:05	WPD	EET PEN

Client Sample ID: MW-8 — Lab Sample ID: 400-276642-9

Date Collected: 05/23/25 08:40 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 10:12	WPD	EET PEN

Client Sample ID: MW-9 — Lab Sample ID: 400-276642-10

Date Collected: 05/23/25 08:45 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 10:34	WPD	EET PEN

Client Sample ID: MW-10 — Lab Sample ID: 400-276642-11

Date Collected: 05/23/25 08:39 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 10:56	WPD	EET PEN

Client Sample ID: MW-12 — Lab Sample ID: 400-276642-12

Date Collected: 05/23/25 08:27 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 15:20	WPD	EET PEN

Client Sample ID: MW-13 — Lab Sample ID: 400-276642-13

Date Collected: 05/23/25 08:20 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 15:42	WPD	EET PEN

Client Sample ID: MW-14 — Lab Sample ID: 400-276642-14

Date Collected: 05/23/25 08:06 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 16:04	WPD	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: Method Blank — Lab Sample ID: MB 400-710874/4

Date Collected: N/A
Date Received: N/A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 08:21	WPD	EET PEN

Client Sample ID: Method Blank — Lab Sample ID: MB 400-711610/4

Date Collected: N/A
Date Received: N/A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711610	06/05/25 07:34	WPD	EET PEN

Client Sample ID: Method Blank — Lab Sample ID: MB 400-711611/5

Date Collected: N/A
Date Received: N/A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 09:06	WPD	EET PEN

Client Sample ID: Lab Control Sample — Lab Sample ID: LCS 400-710874/1002

Date Collected: N/A
Date Received: N/A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 07:23	WPD	EET PEN

Client Sample ID: Lab Control Sample — Lab Sample ID: LCS 400-711610/1002

Date Collected: N/A
Date Received: N/A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711610	06/05/25 06:37	WPD	EET PEN

Client Sample ID: Lab Control Sample — Lab Sample ID: LCS 400-711611/1002

Date Collected: N/A
Date Received: N/A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 08:00	WPD	EET PEN

Client Sample ID: MW-3R — Lab Sample ID: 400-276642-4 MS

Date Collected: 05/23/25 07:55
Date Received: 05/28/25 09:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 12:08	WPD	EET PEN

Lab Chronicle

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Client Sample ID: MW-3R — Lab Sample ID: 400-276642-4 MSD

Date Collected: 05/23/25 07:55 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	710874	05/30/25 12:33	WPD	EET PEN

Client Sample ID: MW-8 — Lab Sample ID: 400-276642-9 MS

Date Collected: 05/23/25 08:40 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 14:14	WPD	EET PEN

Client Sample ID: MW-8 — Lab Sample ID: 400-276642-9 MSD

Date Collected: 05/23/25 08:40 **Matrix: Water**
Date Received: 05/28/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711611	06/05/25 14:36	WPD	EET PEN

Laboratory References:

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

QC Association Summary

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

GC/MS VOA

Analysis Batch: 710874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276642-4	MW-3R	Total/NA	Water	8260D	
400-276642-5	MW-4	Total/NA	Water	8260D	
400-276642-6	MW-5	Total/NA	Water	8260D	
400-276642-7	MW-6	Total/NA	Water	8260D	
MB 400-710874/4	Method Blank	Total/NA	Water	8260D	
LCS 400-710874/1002	Lab Control Sample	Total/NA	Water	8260D	
400-276642-4 MS	MW-3R	Total/NA	Water	8260D	
400-276642-4 MSD	MW-3R	Total/NA	Water	8260D	

Analysis Batch: 711610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276642-1	TB-01	Total/NA	Water	8260D	
400-276642-2	DUP-01	Total/NA	Water	8260D	
400-276642-3	MW-1	Total/NA	Water	8260D	
400-276642-8	MW-7	Total/NA	Water	8260D	
MB 400-711610/4	Method Blank	Total/NA	Water	8260D	
LCS 400-711610/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 711611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276642-9	MW-8	Total/NA	Water	8260D	
400-276642-10	MW-9	Total/NA	Water	8260D	
400-276642-11	MW-10	Total/NA	Water	8260D	
400-276642-12	MW-12	Total/NA	Water	8260D	
400-276642-13	MW-13	Total/NA	Water	8260D	
400-276642-14	MW-14	Total/NA	Water	8260D	
MB 400-711611/5	Method Blank	Total/NA	Water	8260D	
LCS 400-711611/1002	Lab Control Sample	Total/NA	Water	8260D	
400-276642-9 MS	MW-8	Total/NA	Water	8260D	
400-276642-9 MSD	MW-8	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: K27 LD072.00

Job ID: 400-276642-1

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

Lab Sample ID: MB 400-710874/4
Matrix: Water
Analysis Batch: 710874

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/30/25 08:21	1
Ethylbenzene	<1.0		1.0		ug/L			05/30/25 08:21	1
Toluene	<1.0		1.0		ug/L			05/30/25 08:21	1
Xylenes, Total	<10		10		ug/L			05/30/25 08:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*56 - 136*		*05/30/25 08:21*	*1*
Dibromofluoromethane	*102*		*79 - 130*		*05/30/25 08:21*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*05/30/25 08:21*	*1*

Lab Sample ID: LCS 400-710874/1002
Matrix: Water
Analysis Batch: 710874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.2		ug/L		92	70 - 130
m-Xylene & p-Xylene	50.0	53.9		ug/L		108	70 - 130
o-Xylene	50.0	54.9		ug/L		110	70 - 130
Ethylbenzene	50.0	52.9		ug/L		106	70 - 130
Toluene	50.0	48.4		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*56 - 136*
Dibromofluoromethane	*92*		*79 - 130*
Toluene-d8 (Surr)	*106*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*84*		*59 - 146*

Lab Sample ID: 400-276642-4 MS
Matrix: Water
Analysis Batch: 710874

Client Sample ID: MW-3R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<1.0		50.0	44.8		ug/L		90	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	45.1		ug/L		90	57 - 130
o-Xylene	<5.0		50.0	45.0		ug/L		90	61 - 130
Ethylbenzene	<1.0		50.0	43.9		ug/L		88	58 - 131
Toluene	<1.0		50.0	44.7		ug/L		89	65 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*56 - 136*
Dibromofluoromethane	*91*		*79 - 130*
Toluene-d8 (Surr)	*108*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*86*		*59 - 146*

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

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

Lab Sample ID: 400-276642-4 MSD **Client Sample ID: MW-3R**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 710874

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	46.1		ug/L		92	56 - 142	3	30
m-Xylene & p-Xylene	<5.0		50.0	48.3		ug/L		97	57 - 130	7	30
o-Xylene	<5.0		50.0	49.2		ug/L		98	61 - 130	9	30
Ethylbenzene	<1.0		50.0	48.4		ug/L		97	58 - 131	10	30
Toluene	<1.0		50.0	47.8		ug/L		96	65 - 130	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*56 - 136*
Dibromofluoromethane	*92*		*79 - 130*
Toluene-d8 (Surr)	*107*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*85*		*59 - 146*

Lab Sample ID: MB 400-711610/4 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 711610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 07:34	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 07:34	1
Toluene	<1.0		1.0		ug/L			06/05/25 07:34	1
Xylenes, Total	<10		10		ug/L			06/05/25 07:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*56 - 136*		*06/05/25 07:34*	*1*
Dibromofluoromethane	*104*		*79 - 130*		*06/05/25 07:34*	*1*
Toluene-d8 (Surr)	*103*		*64 - 132*		*06/05/25 07:34*	*1*

Lab Sample ID: LCS 400-711610/1002 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 711610

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			50.0	47.8		ug/L		96	70 - 130		
m-Xylene & p-Xylene			50.0	53.7		ug/L		107	70 - 130		
o-Xylene			50.0	55.3		ug/L		111	70 - 130		
Ethylbenzene			50.0	53.3		ug/L		107	70 - 130		
Toluene			50.0	48.6		ug/L		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*56 - 136*
Dibromofluoromethane	*87*		*79 - 130*
Toluene-d8 (Surr)	*103*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*79*		*59 - 146*

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

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

Lab Sample ID: MB 400-711611/5 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 711611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			06/05/25 09:06	1
Ethylbenzene	<1.0		1.0		ug/L			06/05/25 09:06	1
Toluene	<1.0		1.0		ug/L			06/05/25 09:06	1
Xylenes, Total	<10		10		ug/L			06/05/25 09:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*06/05/25 09:06*	*1*
Dibromofluoromethane	*116*		*79 - 130*		*06/05/25 09:06*	*1*
Toluene-d8 (Surr)	*93*		*64 - 132*		*06/05/25 09:06*	*1*

Lab Sample ID: LCS 400-711611/1002 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 711611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	55.5		ug/L		111	70 - 130
m-Xylene & p-Xylene	50.0	55.9		ug/L		112	70 - 130
o-Xylene	50.0	56.7		ug/L		113	70 - 130
Ethylbenzene	50.0	55.9		ug/L		112	70 - 130
Toluene	50.0	54.1		ug/L		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*56 - 136*
Dibromofluoromethane	*97*		*79 - 130*
Toluene-d8 (Surr)	*97*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*89*		*59 - 146*

Lab Sample ID: 400-276642-9 MS **Client Sample ID: MW-8**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 711611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<1.0		50.0	54.2		ug/L		106	56 - 142
m-Xylene & p-Xylene	25		50.0	63.8		ug/L		77	57 - 130
o-Xylene	18		50.0	61.1		ug/L		86	61 - 130
Ethylbenzene	19		50.0	60.4		ug/L		83	58 - 131
Toluene	1.3		50.0	49.0		ug/L		95	65 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*56 - 136*
Dibromofluoromethane	*96*		*79 - 130*
Toluene-d8 (Surr)	*94*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*90*		*59 - 146*

QC Sample Results

Client: Stantec Consulting Services, Inc. Job ID: 400-276642-1
Project/Site: K27 LD072.00

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

Lab Sample ID: 400-276642-9 MSD **Client Sample ID: MW-8**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 711611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	52.3		ug/L		103	56 - 142	3	30
m-Xylene & p-Xylene	25		50.0	68.9		ug/L		87	57 - 130	8	30
o-Xylene	18		50.0	64.8		ug/L		93	61 - 130	6	30
Ethylbenzene	19		50.0	64.3		ug/L		91	58 - 131	6	30
Toluene	1.3		50.0	49.3		ug/L		96	65 - 130	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*56 - 136*
Dibromofluoromethane	*97*		*79 - 130*
Toluene-d8 (Surr)	*95*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*89*		*59 - 146*

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

Chain of Custody Record

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Client Information	Sampler: Tyler J Sandell	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): FedEx	COC No: 400-141268-41364.1
Client Contact: Joe Wiley	Phone: 913-602-2771	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 2
Company: El Paso Energy Corporation	PWSID:			Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL N - None
City: Houston	TAT Requested (days): Standard			
State, Zip: TX, 77002	Compliance Project: ⊙ Yes △ No			
Phone:	PO #: WD1040029			
Email: joe.wiley@kindermorgan.com	WO #: K27_ERG_ARF_10-25-2024			
Project Name: K27 LD072.00	Project #: 40015823			
Site:	SSOW#:			

400-276642 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	8260D - BTEX - 8260	8260D - BTEX - 8260	Special Instructions/Note:
TB-01	5-23-25	0735	G	Water	N	N	
DUP-01	5-23-25	0100	G	Water	N	N	
MW-1	5-23-25	0745	G	Water	N	N	
MW-3R	5-23-25	0755	G	Water	N	N	
MW-4	5-23-25	0810	G	Water	N	N	
MW-5	5-23-25	0816	G	Water	N	N	
MW-6	5-23-25	0822	G	Water	N	N	
MW-7	5-23-25	0834	G	Water	N	N	
MW-8	5-23-25	0840	G	Water	N	N	
MW-9	5-23-25	0845	G	Water	N	N	
MW-10	5-23-25	0839	G	Water	N	N	

-TJS

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tyler Sandell	5-23-25 @ 1505	Stantec	VB	5/28/25 946	ETS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 11.4, 2, IR8

Ver: 10/10/2024

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

Chain of Custody Record

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Client Information	Sampler: Tyler J Sundell	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): Fedex	COC No: 400-141268-41364.2
Client Contact: Joe Wiley	Phone: 913-602-2771	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 2 of 2
Company: El Paso Energy Corporation	PWSID:			Job #:
Address: 1001 Louisiana Street Room S1905B	Due Date Requested:			
City: Houston	TAT Requested (days): Standard			
State, Zip: TX, 77002	Compliance Project: (Δ) Yes Δ No			
Phone:	PO #: WD1040029			
Email: joe.wiley@kindermorgan.com	WO #: K27_ERG_ARF_10-25-2024			
Project Name: K27 LD072.00	Project #: 40015823			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	8260D - BTEX - 8260	8260D - BTEX - 8260	Special Instructions/Note:
MW-12	5-23-25	0827	G	Water	MN	X	
MW-13	5-23-25	0820	G	Water	MN	X	
MW-14	5-23-25	0806	G	Water	MN	X	
TJS				Water			
TJS				Water			
TJS				Water			
TJS				Water			
TJS				Water			
TJS				Water			
TJS				Water			
TJS							

TJS

TJS

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Tyler Sundell	5-23-25 @ 1505	Stantec	VB	5/23/25 945	EET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 11.4°C IR8

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc. Job Number: 400-276642-1

Login Number: 276642 **List Source: Eurofins Pensacola**

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	11.4°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	
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. Job ID: 400-276642-1
Project/Site: K27 LD072.00

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-25
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	525-23-9-22801	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-26

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

K27 LD072.00

JOB NUMBER

400-286042-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

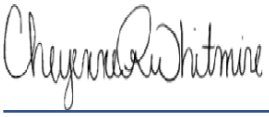
Eurofins Pensacola

Job Notes

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

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

Authorization



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

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Laboratory Job ID: 400-286042-1

Table of Contents

Case Narrative

Client: Stantec Consulting Services Inc
Project: K27 LD072.00

Job ID: 400-286042-1

Job ID: 400-286042-1 Eurofins Pensacola

Job Narrative
400-286042-1

Receipt
The samples were received on 11/18/2025 9:26 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0º C.

GC/MS VOA
Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: MW-6 (400-286042-5), MW-10 (400-286042-8) and MW-14 (400-286042-10). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-731361 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 400-731361 recovered above the upper control limit for the Dibromofluoromethane surrogate. The percent recovery was within acceptance limits; therefore, the data have been reported.

Method 8260D: One of three surrogate recoveries for the following sample is outside the upper control limit by one percent with trace detections: MW-8 (400-286042-7). Reanalysis was performed with concurring results.

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

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: TB-01 Lab Sample ID: 400-286042-1

No Detections.

Client Sample ID: DUP-01 Lab Sample ID: 400-286042-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	180		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	4.9		1.0		ug/L	1		8260D	Total/NA
Toluene	52		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	62		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-1 Lab Sample ID: 400-286042-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	190		1.0		ug/L	1		8260D	Total/NA
Ethylbenzene	4.8		1.0		ug/L	1		8260D	Total/NA
Toluene	55		1.0		ug/L	1		8260D	Total/NA
Xylenes, Total	65		10		ug/L	1		8260D	Total/NA

Client Sample ID: MW-3R Lab Sample ID: 400-286042-4

No Detections.

Client Sample ID: MW-6 Lab Sample ID: 400-286042-5

No Detections.

Client Sample ID: MW-7 Lab Sample ID: 400-286042-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	9.1		1.0		ug/L	1		8260D	Total/NA
Toluene	1.5		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-8 Lab Sample ID: 400-286042-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	4.3		1.0		ug/L	1		8260D	Total/NA

Client Sample ID: MW-10 Lab Sample ID: 400-286042-8

No Detections.

Client Sample ID: MW-12 Lab Sample ID: 400-286042-9

No Detections.

Client Sample ID: MW-14 Lab Sample ID: 400-286042-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-286042-1	TB-01	Water	11/15/25 10:01	11/18/25 09:26	New Mexico
400-286042-2	DUP-01	Water	11/15/25 01:00	11/18/25 09:26	New Mexico
400-286042-3	MW-1	Water	11/15/25 10:15	11/18/25 09:26	New Mexico
400-286042-4	MW-3R	Water	11/15/25 10:25	11/18/25 09:26	New Mexico
400-286042-5	MW-6	Water	11/15/25 10:35	11/18/25 09:26	New Mexico
400-286042-6	MW-7	Water	11/15/25 10:45	11/18/25 09:26	New Mexico
400-286042-7	MW-8	Water	11/15/25 10:54	11/18/25 09:26	New Mexico
400-286042-8	MW-10	Water	11/15/25 11:04	11/18/25 09:26	New Mexico
400-286042-9	MW-12	Water	11/15/25 11:05	11/18/25 09:26	New Mexico
400-286042-10	MW-14	Water	11/15/25 10:55	11/18/25 09:26	New Mexico

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: TB-01

Date Collected: 11/15/25 10:01
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/25 15:40	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/25 15:40	1
Toluene	<1.0		1.0		ug/L			11/20/25 15:40	1
Xylenes, Total	<10		10		ug/L			11/20/25 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*56 - 136*		*11/20/25 15:40*	*1*
Dibromofluoromethane	*114*		*79 - 130*		*11/20/25 15:40*	*1*
Toluene-d8 (Surr)	*121*		*64 - 132*		*11/20/25 15:40*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: DUP-01

Date Collected: 11/15/25 01:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**180**		1.0		ug/L			11/20/25 12:33	1
Ethylbenzene	**4.9**		1.0		ug/L			11/20/25 12:33	1
Toluene	**52**		1.0		ug/L			11/20/25 12:33	1
Xylenes, Total	**62**		10		ug/L			11/20/25 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*11/20/25 12:33*	*1*
Dibromofluoromethane	*126*		*79 - 130*		*11/20/25 12:33*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/20/25 12:33*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-1

Date Collected: 11/15/25 10:15
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**190**		1.0		ug/L			11/20/25 12:54	1
Ethylbenzene	**4.8**		1.0		ug/L			11/20/25 12:54	1
Toluene	**55**		1.0		ug/L			11/20/25 12:54	1
Xylenes, Total	**65**		10		ug/L			11/20/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/20/25 12:54*	*1*
Dibromofluoromethane	*128*		*79 - 130*		*11/20/25 12:54*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/20/25 12:54*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-3R

Date Collected: 11/15/25 10:25
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/25 18:20	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/25 18:20	1
Toluene	<1.0		1.0		ug/L			11/21/25 18:20	1
Xylenes, Total	<10		10		ug/L			11/21/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*56 - 136*		*11/21/25 18:20*	*1*
Dibromofluoromethane	*130*		*79 - 130*		*11/21/25 18:20*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/21/25 18:20*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-6

Date Collected: 11/15/25 10:35
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/25 18:40	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/25 18:40	1
Toluene	<1.0		1.0		ug/L			11/21/25 18:40	1
Xylenes, Total	<10		10		ug/L			11/21/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/21/25 18:40*	*1*
Dibromofluoromethane	*135*	*S1+*	*79 - 130*		*11/21/25 18:40*	*1*
Toluene-d8 (Surr)	*102*		*64 - 132*		*11/21/25 18:40*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-7

Date Collected: 11/15/25 10:45
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**9.1**		1.0		ug/L			11/21/25 19:01	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/25 19:01	1
Toluene	**1.5**		1.0		ug/L			11/21/25 19:01	1
Xylenes, Total	<10		10		ug/L			11/21/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*56 - 136*		*11/21/25 19:01*	*1*
Dibromofluoromethane	*130*		*79 - 130*		*11/21/25 19:01*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/21/25 19:01*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-8

Date Collected: 11/15/25 10:54
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/25 19:22	1
Ethylbenzene	**4.3**		1.0		ug/L			11/21/25 19:22	1
Toluene	<1.0		1.0		ug/L			11/21/25 19:22	1
Xylenes, Total	<10		10		ug/L			11/21/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*56 - 136*		*11/21/25 19:22*	*1*
Dibromofluoromethane	*131*	*S1+*	*79 - 130*		*11/21/25 19:22*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/21/25 19:22*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-10

Date Collected: 11/15/25 11:04
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/25 20:31	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/25 20:31	1
Toluene	<1.0		1.0		ug/L			11/20/25 20:31	1
Xylenes, Total	<10		10		ug/L			11/20/25 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*11/20/25 20:31*	*1*
Dibromofluoromethane	*131*	*S1+*	*79 - 130*		*11/20/25 20:31*	*1*
Toluene-d8 (Surr)	*98*		*64 - 132*		*11/20/25 20:31*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-12

Date Collected: 11/15/25 11:05
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-9

Matrix: Water

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

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/20/25 20:52*	*1*
Dibromofluoromethane	*129*		*79 - 130*		*11/20/25 20:52*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/20/25 20:52*	*1*

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-14

Date Collected: 11/15/25 10:55
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-10

Matrix: Water

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

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*11/20/25 21:12*	*1*
Dibromofluoromethane	*135*	*S1+*	*79 - 130*		*11/20/25 21:12*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*11/20/25 21:12*	*1*

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: TB-01
Date Collected: 11/15/25 10:01
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 15:40	BPO	EET PEN

Client Sample ID: DUP-01
Date Collected: 11/15/25 01:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 12:33	BPO	EET PEN

Client Sample ID: MW-1
Date Collected: 11/15/25 10:15
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 12:54	BPO	EET PEN

Client Sample ID: MW-3R
Date Collected: 11/15/25 10:25
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731361	11/21/25 18:20	BPO	EET PEN

Client Sample ID: MW-6
Date Collected: 11/15/25 10:35
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731361	11/21/25 18:40	BPO	EET PEN

Client Sample ID: MW-7
Date Collected: 11/15/25 10:45
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731361	11/21/25 19:01	BPO	EET PEN

Client Sample ID: MW-8
Date Collected: 11/15/25 10:54
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731361	11/21/25 19:22	BPO	EET PEN

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: MW-10
Date Collected: 11/15/25 11:04
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 20:31	BPO	EET PEN

Client Sample ID: MW-12
Date Collected: 11/15/25 11:05
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 20:52	BPO	EET PEN

Client Sample ID: MW-14
Date Collected: 11/15/25 10:55
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 21:12	BPO	EET PEN

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

Lab Sample ID: MB 400-731205/5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 11:51	BPO	EET PEN

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

Lab Sample ID: MB 400-731361/6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731361	11/21/25 13:49	BPO	EET PEN

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

Lab Sample ID: LCS 400-731205/1002
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 10:53	BPO	EET PEN

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

Lab Sample ID: LCS 400-731361/4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731361	11/21/25 12:31	BPO	EET PEN

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

Client Sample ID: DUP-01
Date Collected: 11/15/25 01:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-2 MS
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 14:38	BPO	EET PEN

Client Sample ID: DUP-01
Date Collected: 11/15/25 01:00
Date Received: 11/18/25 09:26

Lab Sample ID: 400-286042-2 MSD
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	731205	11/20/25 14:58	BPO	EET PEN

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

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

GC/MS VOA

Analysis Batch: 731205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-286042-1	TB-01	Total/NA	Water	8260D	
400-286042-2	DUP-01	Total/NA	Water	8260D	
400-286042-3	MW-1	Total/NA	Water	8260D	
400-286042-8	MW-10	Total/NA	Water	8260D	
400-286042-9	MW-12	Total/NA	Water	8260D	
400-286042-10	MW-14	Total/NA	Water	8260D	
MB 400-731205/5	Method Blank	Total/NA	Water	8260D	
LCS 400-731205/1002	Lab Control Sample	Total/NA	Water	8260D	
400-286042-2 MS	DUP-01	Total/NA	Water	8260D	
400-286042-2 MSD	DUP-01	Total/NA	Water	8260D	

Analysis Batch: 731361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-286042-4	MW-3R	Total/NA	Water	8260D	
400-286042-5	MW-6	Total/NA	Water	8260D	
400-286042-6	MW-7	Total/NA	Water	8260D	
400-286042-7	MW-8	Total/NA	Water	8260D	
MB 400-731361/6	Method Blank	Total/NA	Water	8260D	
LCS 400-731361/4	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

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

Lab Sample ID: MB 400-731205/5
Matrix: Water
Analysis Batch: 731205

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/25 11:51	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/25 11:51	1
Toluene	<1.0		1.0		ug/L			11/20/25 11:51	1
Xylenes, Total	<10		10		ug/L			11/20/25 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*56 - 136*		*11/20/25 11:51*	*1*
Dibromofluoromethane	*127*		*79 - 130*		*11/20/25 11:51*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/20/25 11:51*	*1*

Lab Sample ID: LCS 400-731205/1002
Matrix: Water
Analysis Batch: 731205

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			50.0	43.2		ug/L		86	70 - 130		
m-Xylene & p-Xylene			50.0	50.9		ug/L		102	70 - 130		
o-Xylene			50.0	52.5		ug/L		105	70 - 130		
Ethylbenzene			50.0	48.3		ug/L		97	70 - 130		
Toluene			50.0	41.8		ug/L		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*56 - 136*
Dibromofluoromethane	*120*		*79 - 130*
Toluene-d8 (Surr)	*100*		*64 - 132*

Lab Sample ID: 400-286042-2 MS
Matrix: Water
Analysis Batch: 731205

Client Sample ID: DUP-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	180		50.0	235		ug/L		105	56 - 142		
m-Xylene & p-Xylene	43		50.0	104		ug/L		122	57 - 130		
o-Xylene	19		50.0	82.3		ug/L		126	61 - 130		
Ethylbenzene	4.9		50.0	60.9		ug/L		112	58 - 131		
Toluene	52		50.0	103		ug/L		103	65 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*56 - 136*
Dibromofluoromethane	*115*		*79 - 130*
Toluene-d8 (Surr)	*99*		*64 - 132*

Lab Sample ID: 400-286042-2 MSD
Matrix: Water
Analysis Batch: 731205

Client Sample ID: DUP-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	180		50.0	215		ug/L		65	56 - 142	9	30

QC Sample Results

Client: Stantec Consulting Services Inc
Project/Site: K27 LD072.00

Job ID: 400-286042-1

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

Lab Sample ID: 400-286042-2 MSD
Matrix: Water
Analysis Batch: 731205

Client Sample ID: DUP-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	43		50.0	85.8		ug/L		86	57 - 130	19	30
o-Xylene	19		50.0	70.0		ug/L		101	61 - 130	16	30
Ethylbenzene	4.9		50.0	51.4		ug/L		93	58 - 131	17	30
Toluene	52		50.0	93.0		ug/L		82	65 - 130	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*56 - 136*
Dibromofluoromethane	*115*		*79 - 130*
Toluene-d8 (Surr)	*103*		*64 - 132*

Lab Sample ID: MB 400-731361/6
Matrix: Water
Analysis Batch: 731361

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/25 13:49	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/25 13:49	1
Toluene	<1.0		1.0		ug/L			11/21/25 13:49	1
Xylenes, Total	<10		10		ug/L			11/21/25 13:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*56 - 136*		*11/21/25 13:49*	*1*
Dibromofluoromethane	*126*		*79 - 130*		*11/21/25 13:49*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*11/21/25 13:49*	*1*

Lab Sample ID: LCS 400-731361/4
Matrix: Water
Analysis Batch: 731361

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	37.6		ug/L		75	70 - 130
m-Xylene & p-Xylene	50.0	48.4		ug/L		97	70 - 130
o-Xylene	50.0	48.6		ug/L		97	70 - 130
Ethylbenzene	50.0	45.4		ug/L		91	70 - 130
Toluene	50.0	38.8		ug/L		78	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*56 - 136*
Dibromofluoromethane	*124*		*79 - 130*
Toluene-d8 (Surr)	*102*		*64 - 132*

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tyler Sandell	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s):	COC No: 400-145745-41364.1
Client Contact: Joe Wiley	Phone: 913-602-2771	E-Mail: Cheyenne.Whitmire@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 2 TJS
Company: ~~El Paso Energy Corporation~~ El Paso CGP Company TJS	PWSID:			Job #:
Address: 1001 Louisiana Street Room ~~S1C085~~ TJS 1445B	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL N - None
City: Houston	TAT Requested (days): Standard			
State, Zip: TX, 77002	Compliance Project: X Yes Δ No			
Phone:	PO #: WD1040029			
Email: joe.wiley@kindermorgan.com	WO #: K27_ERG_ARF_10-27-2025			
Project Name: K27 LD072.00	Project #: 40015823			
Site:	SSOW#:			

400-286042 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	8260D - BTEX - 8260	8260D - BTEX - 8260	Special Instructions/Note:
TB-01	11-15-2025	1001	G	Water	X		TJS
DUP-01	11-15-25	0100	G	Water	X		TJS
MW-1	11-15-2025	1015	G	Water	X		TJS
MW-3R	11-15-2025	1025	G	Water		X	TJS
MW-6	11-15-2025	1035	G	Water		X	TJS TJS
MW-7	11-15-2025	1045	G	Water	X		TJS
MW-8	11-15-2025	1054	G	Water	X		TJS
MW-10	11-15-2025	1104	G	Water	X		TJS
MW-12	11-15-2025	1105	G	Water	X		TJS
MW-14	11-15-2025	1055	G	Water	X		TJS
				Water			TJS

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11-17-2025 @ 1230	STN			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				11/18/25 926	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:
		0.0 IR10

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc Job Number: 400-286042-1

Login Number: 286042 **List Source: Eurofins Pensacola**
List Number: 1
Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR10
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 400-286042-1
Project/Site: K27 LD072.00

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-26
Florida	NELAP	E81010	06-30-26
Georgia	State	E81010(FL)	06-30-26
Illinois	NELAP	200041	10-31-26
Kansas	NELAP	E-10253	10-31-26
Kentucky (UST)	State	53	06-30-26
Louisiana (All)	NELAP	30976	06-30-26
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	12-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-26
Tennessee	State	TN02907	06-30-26
Texas	NELAP	T104704286	09-30-26
US Fish & Wildlife	US Federal Programs	A22340	06-30-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
USDA	US Federal Programs	FLGNV23001A1	01-08-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

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

COMMENTS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 559607
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

COMMENTS

Created By	Comment	Comment Date
owen.sitler	Report was accepted on the following conditions: 1. Continue quarterly removal of LNAPL, if measurable. 2. Continue groundwater monitoring on a semi-annual basis at monitoring wells containing LNAPL and biennially from wells not containing LNAPL. 3. Continue analysis for BTEX using EPA Method 8260. 4. May samples were received for analysis outside acceptable temperature range. Therefore, May 2025 sampling will not count toward consecutive compliant samples necessary for closure.	3/30/2026

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CONDITIONS

Action 559607

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
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CONDITIONS

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