



**2025 ANNUAL
GROUNDWATER
REPORT – Gallegos
Canyon Unit #124E**

San Juan County, New Mexico

NMOCD Incident No.
nAUTOfAB000205

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December 2025

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ABBREVIATIONS

µg/L	micrograms per liter
bgs	below ground surface
Agua Moss	Agua Moss, LLC
BTEX	benzene, toluene, ethylbenzene, and total xylenes
cy	cubic yard
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
NNEPA	Navajo Nation Environmental Protection Agency
SVOC	semi-volatile organic compound
Stantec	Stantec Consulting Services Inc.

2025 ANNUAL GROUNDWATER REPORT – GALLEGOS CANYON UNIT #124E

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 Gallegos Canyon Unit #124E site (site; Meter Code 95608), located at Unit N, Section 35, Township 28 North, Range 12 West, in San Juan County, New Mexico. The location of the site is Latitude 36.614105, Longitude -108.083662, depicted in Figure 1. The site has been assigned Incident Number nAUTOfAB000205 by the New Mexico Oil Conservation Division (NMOCD). As noted at the end of this report, no further field activities are planned at this time, and regulatory closure of this Incident is being requested under separate cover.

2.0 SITE BACKGROUND

Environmental remediation activities at the site are managed pursuant to the procedures set forth in the document entitled, “*Remediation Plan for Groundwater Encountered During Pit Closure Activities*” (Remediation Plan, El Paso Natural Gas Company / El Paso Field Services Company, 1995). This Remediation Plan was conditionally approved by the NMOCD in correspondence dated November 30, 1995; and the NMOCD approval conditions were adopted into EPCGP’s program methods. Currently, the site is operated by Simcoe LLC and is active.

The site is located on Navajo Agricultural Products Industry land. An initial site assessment was completed in January 1995, and an excavation to approximately 12 feet below ground surface (bgs) was completed in October 1995, removing approximately 196 cubic yards (cy) of soil. Monitoring wells were installed in 1995 (MW-1), 2013 (MW-2 through MW-7), and 2022 (MW-8). Monitoring well MW-2 was plugged and abandoned on January 19, 2014. Monitoring well MW-1 was replaced with MW-1R in April 2023. A detailed site history is presented as 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 2017. LNAPL has been historically present at the site, and inspections and manual recovery, when present, has been performed periodically since 2020. Currently, groundwater sampling is conducted on a quarterly basis.

3.0 GROUNDWATER SAMPLING ACTIVITIES

Stantec Consulting Services Inc. (Stantec) provided field work notifications via email (March and May 2025) or online notification portal (August 2025) to the NMOCD and the Navajo Nation Environmental Protection Agency (NNEPA [all by email]) prior to each field event. Copies of the 2025 NMOCD notifications are provided in Appendix B.

On March 25, May 21, and August 5, 2025, water levels were gauged in monitoring wells MW-1R, MW-3, MW-4, MW-5, MW-6, MW-7, and MW-8. Following water level measurement, groundwater

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samples were collected from each monitoring well as described below. An additional groundwater sample was collected on March 25, May 21, and August 5, 2025, from MW-1R for select semi-volatile organic compound (SVOC) analysis, as described below. Groundwater samples were collected from select monitoring wells using HydraSleeve™ (HydraSleeve) no-purge groundwater sampling devices. The HydraSleeves were set during the previous sampling event. HydraSleeves were suspended approximately 0.5 foot above the bottom of the well screen using a suspension tether and stainless-steel weights to collect a sample from the screened interval.

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to Eurofins Environment Testing Southeast, LLC where they were analyzed for the presence of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8260. Groundwater samples collected from monitoring wells MW-1R (and associated duplicate samples) in March, May, and August, 2025 were also analyzed for select SVOC constituents using EPA Method 8270D. One laboratory-supplied trip blank and one blind field duplicate were also collected during each of the 2025 groundwater sampling events.

The unused sample water was combined in a waste container and transported to the Agua Moss, LLC “Pretty Lady” 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, EPCGP initiated quarterly LNAPL recovery activities in the second calendar quarter of 2020. Documentation of NMOCD and NNEPA notifications of LNAPL inspection and recovery activities in 2025 is provided in Appendix B.

Historic groundwater water level data are summarized on Table 1. LNAPL was not observed in the site monitoring wells during the March, May, and August 2025 events.

5.0 GROUNDWATER RESULTS

Historical groundwater analytical results for BTEX constituents and select SVOCs are summarized in Tables 2 and 3, respectively. Groundwater analytical data maps (Figures 3, 5, and 7) and groundwater elevation contour maps (Figures 4, 6, and 8) summarize 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:

- The groundwater elevations indicated the flow direction at the site was to the west-northwest during 2025 (see Figures 4, 6, and 8).

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- Concentrations of benzene were either below the New Mexico Water Quality Control Commission (NMWQCC) standard (10 micrograms per liter [$\mu\text{g/L}$]) or were not detected in each of the site monitoring wells sampled in 2025.
- Concentrations of toluene were either below the NMWQCC standard (750 $\mu\text{g/L}$) or were not detected in each of the site monitoring wells sampled in 2025.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 $\mu\text{g/L}$) or were not detected in each of the site monitoring wells sampled in 2025.
- Concentrations of total xylenes were either below the NMWQCC standard (620 $\mu\text{g/L}$) or were not detected in each of the site monitoring wells sampled in 2025.
- Concentrations of total naphthalene (calculated as the summation of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene) were either below the NMWQCC standard (30 $\mu\text{g/L}$) or were not detected in the samples collected from monitoring well MW-1R in 2025.
- Concentrations of benzo(a)pyrene were either below the NMWQCC standard (0.7 $\mu\text{g/L}$) or were not detected in the samples collected from monitoring well MW-1R in 2025.
- A field duplicate was collected from MW-1R during the March, May, and August 2025 monitoring events. A second duplicate was collected from MW-5 during the August 2025 monitoring event. No significant differences were noted between the primary and the duplicate samples for the 2025 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 groundwater monitoring through the third calendar quarter of 2025 indicates that BTEX constituents and SVOC constituents have been below NMWQCC standards for at least eight calendar quarters. Groundwater and LNAPL monitoring will therefore be suspended, and regulatory closure will be requested for the site under separate cover.

TABLES

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	06/25/98	5949.45	NR	27.21		5922.24
MW-1	09/14/98	5949.45	NR	27.50		5921.95
MW-1	12/15/98	5949.45	27.61	28.16	0.55	5921.70
MW-1	03/16/99	5949.45	27.60	29.02	1.42	5921.50
MW-1	10/05/00	5949.45	29.04	29.46	0.42	5920.31
MW-1	11/15/00	5949.45	28.93	28.93	<0.01	5920.52
MW-1	12/20/00	5949.45	NR	28.98		5920.47
MW-1	01/09/01	5949.45	29.18	29.21	0.03	5920.26
MW-1	01/15/01	5949.45	29.04	29.07	0.03	5920.40
MW-1	01/22/01	5949.45	NR	28.99		5920.46
MW-1	01/30/01	5949.45	NR	29.09		5920.36
MW-1	03/12/01	5949.45	NR	29.26		5920.19
MW-1	06/05/01	5949.45	29.28	29.32	0.04	5920.16
MW-1	07/13/01	5949.45	NR	29.65		5919.80
MW-1	08/02/01	5949.45	NR	29.53		5919.92
MW-1	08/31/01	5949.45	NR	29.27		5920.18
MW-1	09/21/01	5949.45	NR	29.33		5920.12
MW-1	10/02/01	5949.45	NR	28.98		5920.47
MW-1	01/02/02	5949.45	28.85	28.96	0.11	5920.57
MW-1	01/07/02	5949.45	28.94	28.99	0.05	5920.50
MW-1	01/23/02	5949.45	26.35	29.35	3.00	5922.35
MW-1	01/30/02	5949.45	29.22	29.24	0.02	5920.23
MW-1	02/07/02	5949.45	29.66	29.70	0.04	5919.78
MW-1	02/14/02	5949.45	29.28	29.29	0.01	5920.17
MW-1	02/20/02	5949.45	29.75	29.76	0.01	5919.70
MW-1	03/04/02	5949.45	NR	29.30		5920.15
MW-1	03/11/02	5949.45	NR	29.17		5920.28
MW-1	03/21/02	5949.45	NR	29.47		5919.98
MW-1	03/28/02	5949.45	NR	29.33		5920.12
MW-1	04/03/02	5949.45	NR	29.33		5920.12
MW-1	04/12/02	5949.45	NR	29.70		5919.75
MW-1	04/18/02	5949.45	NR	29.31		5920.14
MW-1	04/25/02	5949.45	NR	30.11		5919.34
MW-1	05/03/02	5949.45	NR	30.18		5919.27
MW-1	05/10/02	5949.45	NR	30.25		5919.20
MW-1	05/17/02	5949.45	NR	29.57		5919.88
MW-1	05/24/02	5949.45	NR	29.70		5919.75
MW-1	05/31/02	5949.45	NR	29.54		5919.91
MW-1	06/07/02	5949.45	NR	29.42		5920.03

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Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	06/12/02	5949.45	NR	29.21		5920.24
MW-1	06/21/02	5949.45	NR	30.12		5919.33
MW-1	06/27/02	5949.45	NR	30.18		5919.27
MW-1	07/02/02	5949.45	29.98	29.99	0.01	5919.47
MW-1	07/11/02	5949.45	NR	30.06		5919.39
MW-1	07/15/02	5949.45	NR	29.63		5919.82
MW-1	10/16/02	5949.45	29.24	29.65	0.41	5920.11
MW-1	01/15/03	5949.45	ND	28.63		5920.82
MW-1	05/05/03	5949.45	27.69	27.72	0.03	5921.75
MW-1	07/18/03	5949.45	27.06	27.08	0.02	5922.39
MW-1	01/29/04	5949.45	ND	25.40		5924.05
MW-1	04/15/04	5949.45	ND	24.98		5924.47
MW-1	07/26/04	5949.45	ND	24.50		5924.95
MW-1	10/15/04	5949.45	ND	24.98		5924.47
MW-1	01/17/05	5949.45	ND	25.49		5923.96
MW-1	04/19/05	5949.45	ND	25.45		5924.00
MW-1	07/20/05	5949.45	ND	24.73		5924.72
MW-1	10/20/05	5949.45	ND	24.85		5924.60
MW-1	01/19/06	5949.45	ND	24.53		5924.92
MW-1	04/24/06	5949.45	ND	24.25		5925.20
MW-1	07/31/06	5949.45	ND	25.68		5923.77
MW-1	10/24/06	5949.45	ND	24.94		5924.51
MW-1	01/19/07	5949.45	ND	26.33		5923.12
MW-1	04/24/07	5949.45	ND	25.97		5923.48
MW-1	07/31/07	5949.45	ND	26.26		5923.19
MW-1	10/25/07	5949.45	ND	26.44		5923.01
MW-1	01/28/08	5949.45	ND	26.67		5922.78
MW-1	04/23/08	5949.45	ND	26.67		5922.78
MW-1	07/23/08	5949.45	ND	23.49		5925.96
MW-1	10/08/08	5949.45	ND	22.30		5927.15
MW-1	01/07/09	5949.45	ND	23.74		5925.71
MW-1	08/25/09	5949.45	ND	26.65		5922.80
MW-1	11/03/09	5949.45	ND	25.62		5923.83
MW-1	02/15/10	5949.45	ND	25.93		5923.52
MW-1	05/24/10	5949.45	ND	19.47		5929.98
MW-1	09/27/10	5949.45	ND	19.78		5929.67
MW-1	11/01/10	5949.45	ND	19.82		5929.63
MW-1	02/01/11	5949.45	ND	21.70		5927.75
MW-1	05/02/11	5949.45	ND	23.32		5926.13

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1	09/23/11	5949.45	ND	24.71		5924.74
MW-1	02/22/12	5949.45	ND	23.51		5925.94
MW-1	05/07/12	5949.45	ND	24.20		5925.25
MW-1	06/04/13	5949.45	ND	25.87		5923.58
MW-1	09/11/13	5949.45	ND	25.74		5923.71
MW-1	12/15/13	5949.45	ND	25.67		5923.78
MW-1	04/05/14	5949.45	ND	26.27		5923.18
MW-1	10/25/14	5949.45	27.06	27.07	0.01	5922.39
MW-1	05/31/15	5946.64	24.70	24.70	<0.01	5921.94
MW-1	11/22/15	5946.64	24.33	24.33	<0.01	5922.31
MW-1	04/18/16	5946.64	24.92	24.99	0.07	5921.70
MW-1	10/14/16	5946.64	25.06	25.21	0.15	5921.54
MW-1	06/10/17	5946.64	25.40	25.50	0.10	5921.22
MW-1	07/20/17	5946.64	25.52	25.59	0.07	5921.10
MW-1	09/21/17	5946.64	25.38	25.42	0.04	5921.25
MW-1	11/11/17	5946.64	25.56	25.57	0.01	5921.08
MW-1	05/18/18	5946.64	25.85	25.97	0.12	5920.76
MW-1	10/28/18	5946.64	26.15	26.41	0.26	5920.43
MW-1	05/23/19	5946.64	26.51	27.02	0.51	5920.00
MW-1	11/11/19	5946.64	26.65	26.85	0.20	5919.94
MW-1	05/16/20	5946.64	26.96	27.20	0.24	5919.62
MW-1	08/18/20	5946.64	27.02	27.13	0.11	5919.59
MW-1	11/11/20	5946.64	27.06	27.08	0.02	5919.58
MW-1	03/17/21	5946.64	27.34	27.36	0.02	5919.30
MW-1	05/21/21	5946.64	27.35	27.38	0.03	5919.28
MW-1	08/23/21	5946.64	27.44	27.50	0.06	5919.19
MW-1	11/12/21	5946.64	27.45	27.47	0.02	5919.19
MW-1	03/21/22	5946.64	27.42	27.43	0.01	5919.22
MW-1	05/19/22	5946.64	27.36	27.37	0.01	5919.28
MW-1	08/02/22	5946.64	27.54	27.57	0.03	5919.09
MW-1	11/02/22	5946.64	27.48	27.49	0.01	5919.16
MW-1	03/30/23	5946.64	ND	27.45		5919.19
MW-1 replaced with MW-1R on 4/13/2023						
MW-1R	05/17/23	5946.90	ND	27.36		5919.54
MW-1R	08/31/23	5946.90	ND	27.13		5919.51
MW-1R	11/13/23	5946.90	ND	26.98		5919.66
MW-1R	03/28/24	5946.90	ND	26.91		5919.73
MW-1R	05/14/24	5946.90	ND	27.01		5919.63
MW-1R	08/28/24	5946.90	ND	26.84		5919.80

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-1R	11/08/24	5946.90	ND	26.24		5920.40
MW-1R	03/25/25	5946.90	ND	26.58		5920.06
MW-1R	05/21/25	5946.90	ND	26.70		5919.94
MW-1R	08/05/25	5946.90	ND	26.08		5920.56
MW-2	12/15/13	5950.12	ND	26.46		5923.66
MW-2	04/05/14	5950.12	ND	27.05		5923.07
MW-2	10/25/14	5950.12	ND	27.84		5922.28
	Well abandoned 1/19/2014					
MW-3	12/15/13	5949.84	ND	26.02		5923.82
MW-3	04/05/14	5949.84	ND	26.59		5923.25
MW-3	10/25/14	5949.84	ND	27.37		5922.47
MW-3	05/31/15	5946.83	ND	24.82		5922.01
MW-3	11/22/15	5946.83	ND	24.50		5922.33
MW-3	04/18/16	5946.83	ND	25.12		5921.71
MW-3	10/14/16	5946.83	ND	25.36		5921.47
MW-3	06/10/17	5946.83	ND	25.61		5921.22
MW-3	11/11/17	5946.83	ND	25.72		5921.11
MW-3	05/18/18	5946.83	ND	26.07		5920.76
MW-3	10/28/18	5946.83	ND	26.37		5920.46
MW-3	05/23/19	5946.83	ND	26.83		5920.00
MW-3	11/11/19	5946.83	ND	26.86		5919.97
MW-3	05/16/20	5946.83	ND	27.18		5919.65
MW-3	11/11/20	5946.83	ND	27.24		5919.59
MW-3	05/21/21	5946.83	ND	27.56		5919.27
MW-3	11/12/21	5946.83	ND	27.63		5919.20
MW-3	05/19/22	5946.83	ND	27.54		5919.29
MW-3	11/02/22	5946.83	ND	27.62		5919.21
MW-3	03/30/23	5946.83	ND	27.64		5919.19
MW-3	05/17/23	5946.83	ND	27.83		5919.00
MW-3	08/31/23	5946.83	ND	27.59		5919.24
MW-3	11/13/23	5946.83	ND	27.49		5919.34
MW-3	03/28/24	5946.83	ND	27.36		5919.47
MW-3	05/14/24	5946.83	ND	27.49		5919.34
MW-3	08/28/24	5946.83	ND	27.31		5919.52
MW-3	11/08/24	5946.83	ND	26.69		5920.14
MW-3	03/25/25	5946.83	ND	27.05		5919.78
MW-3	05/21/25	5946.83	ND	27.17		5919.66
MW-3	08/05/25	5946.83	ND	26.57		5920.26

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-4	12/15/13	5949.57	ND	25.62		5923.95
MW-4	04/05/14	5949.57	ND	26.22		5923.35
MW-4	10/25/14	5949.57	ND	26.98		5922.59
MW-4	05/31/15	5946.52	ND	24.52		5922.00
MW-4	11/22/15	5946.52	ND	24.16		5922.36
MW-4	04/18/16	5946.52	ND	24.80		5921.72
MW-4	10/14/16	5946.52	ND	24.99		5921.53
MW-4	06/10/17	5946.52	ND	25.28		5921.24
MW-4	11/11/17	5946.52	ND	25.37		5921.15
MW-4	05/18/18	5946.52	ND	25.69		5920.83
MW-4	10/28/18	5946.52	ND	25.98		5920.54
MW-4	05/23/19	5946.52	ND	26.83		5919.69
MW-4	11/11/19	5946.52	ND	26.49		5920.03
MW-4	05/16/20	5946.52	ND	26.82		5919.70
MW-4	11/11/20	5946.52	ND	26.86		5919.66
MW-4	05/21/21	5946.52	ND	27.20		5919.32
MW-4	11/12/21	5946.52	ND	27.24		5919.28
MW-4	05/19/22	5946.52	ND	27.18		5919.34
MW-4	11/02/22	5946.52	ND	27.25		5919.27
MW-4	03/30/23	5946.52	ND	27.29		5919.23
MW-4	05/17/23	5946.52	ND	27.48		5919.04
MW-4	08/31/23	5946.52	ND	27.23		5919.29
MW-4	11/13/23	5946.52	ND	27.08		5919.44
MW-4	03/28/24	5946.52	ND	27.02		5919.50
MW-4	05/14/24	5946.52	ND	27.12		5919.40
MW-4	08/28/24	5946.52	ND	26.94		5919.58
MW-4	11/08/24	5946.52	ND	26.34		5920.18
MW-4	03/25/25	5946.52	ND	26.69		5919.83
MW-4	05/21/25	5946.52	ND	26.82		5919.70
MW-4	08/05/25	5946.52	ND	26.20		5920.32
MW-5	12/15/13	5948.92	ND	25.17		5923.75
MW-5	04/05/14	5948.92	ND	25.85		5923.07
MW-5	10/25/14	5948.92	ND	26.60		5922.32
MW-5	05/31/15	5946.03	ND	24.17		5921.86
MW-5	11/22/15	5946.03	ND	23.83		5922.20
MW-5	04/18/16	5946.03	ND	24.42		5921.61
MW-5	10/14/16	5946.03	ND	24.64		5921.39
MW-5	06/10/17	5946.03	ND	24.93		5921.10

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-5	11/11/17	5946.03	ND	24.98		5921.05
MW-5	05/18/18	5946.03	ND	25.36		5920.67
MW-5	10/28/18	5946.03	ND	25.65		5920.38
MW-5	05/23/19	5946.03	26.12	26.31	0.19	5919.86
MW-5	11/11/19	5946.03	26.52	26.63	0.11	5919.48
MW-5	05/16/20	5946.03	26.95	27.11	0.16	5919.04
MW-5	08/18/20	5946.03	27.19	27.22	0.03	5918.83
MW-5	11/11/20	5946.03	27.14	27.15	0.01	5918.89
MW-5	03/17/21	5946.03	ND	27.30		5918.73
MW-5	05/21/21	5946.03	ND	27.45		5918.58
MW-5	08/23/21	5946.03	ND	27.55		5918.48
MW-5	11/12/21	5946.03	ND	27.50		5918.53
MW-5	03/21/22	5946.03	ND	27.49		5918.54
MW-5	05/19/22	5946.03	ND	27.58		5918.45
MW-5	08/02/22	5946.03	ND	27.67		5918.36
MW-5	11/02/22	5946.03	ND	27.59		5918.44
MW-5	03/30/23	5946.03	ND	27.55		5918.48
MW-5	05/17/23	5946.03	ND	27.74		5918.29
MW-5	08/31/23	5946.03	ND	27.67		5918.36
MW-5	11/13/23	5946.03	ND	27.46		5918.57
MW-5	03/28/24	5946.03	ND	27.32		5918.71
MW-5	05/14/24	5946.03	ND	27.48		5918.55
MW-5	08/28/24	5946.03	ND	27.40		5918.63
MW-5	11/08/24	5946.03	ND	26.64		5919.39
MW-5	03/25/25	5946.03	ND	26.95		5919.08
MW-5	05/21/25	5946.03	ND	27.14		5918.89
MW-5	08/05/25	5946.03	ND	26.57		5919.46
MW-6	12/15/13	5949.34	ND	25.48		5923.86
MW-6	04/05/14	5949.34	ND	26.16		5923.18
MW-6	10/25/14	5949.34	ND	26.90		5922.44
MW-6	05/31/15	5946.31	ND	24.44		5921.87
MW-6	11/22/15	5946.31	ND	24.13		5922.18
MW-6	04/18/16	5946.31	ND	24.66		5921.65
MW-6	10/14/16	5946.31	ND	24.89		5921.42
MW-6	06/10/17	5946.31	ND	24.19		5922.12
MW-6	11/11/17	5946.31	ND	25.29		5921.02
MW-6	05/18/18	5946.31	ND	25.62		5920.69
MW-6	10/28/18	5946.31	ND	25.91		5920.40

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-6	05/23/19	5946.31	ND	26.31		5920.00
MW-6	11/11/19	5946.31	ND	26.55		5919.76
MW-6	05/16/20	5946.31	ND	26.72		5919.59
MW-6	11/11/20	5946.31	ND	26.83		5919.48
MW-6	05/21/21	5946.31	ND	27.11		5919.20
MW-6	11/12/21	5946.31	ND	27.22		5919.09
MW-6	05/19/22	5946.31	ND	27.22		5919.09
MW-6	11/02/22	5946.31	ND	27.26		5919.05
MW-6	03/30/23	5946.31	ND	27.27		5919.04
MW-6	05/17/23	5946.31	ND	27.39		5918.92
MW-6	08/31/23	5946.31	ND	27.18		5919.13
MW-6	11/13/23	5946.31	ND	27.06		5919.25
MW-6	03/28/24	5946.31	ND	27.03		5919.28
MW-6	05/14/24	5946.31	ND	27.09		5919.22
MW-6	08/28/24	5946.31	ND	26.85		5919.46
MW-6	11/08/24	5946.31	ND	26.21		5920.10
MW-6	03/25/25	5946.31	ND	26.59		5919.72
MW-6	05/21/25	5946.31	ND	26.71		5919.60
MW-6	08/05/25	5946.31	ND	25.98		5920.33
MW-7	12/15/13	5948.68	ND	25.34		5923.34
MW-7	04/05/14	5948.68	ND	26.13		5922.55
MW-7	10/25/14	5948.68	ND	26.89		5921.79
MW-7	05/31/15	5945.78	ND	24.41		5921.37
MW-7	11/22/15	5945.78	ND	23.97		5921.81
MW-7	04/18/16	5945.78	ND	24.52		5921.26
MW-7	10/14/16	5945.78	ND	25.29		5920.49
MW-7	06/10/17	5945.78	ND	24.04		5921.74
MW-7	11/11/17	5945.78	ND	25.13		5920.65
MW-7	05/18/18	5945.78	ND	30.40		5915.38
MW-7	10/28/18	5945.78	ND	31.58		5914.20
MW-7	05/23/19	5945.78	ND	32.53		5913.25
MW-7	11/11/19	5945.78	ND	32.76		5913.02
MW-7	05/16/20	5945.78	ND	33.16		5912.62
MW-7	11/11/20	5945.78	ND	33.11		5912.67
MW-7	05/21/21	5945.78	ND	33.33		5912.45
MW-7	11/12/21	5945.78	ND	33.37		5912.41
MW-7	05/19/22	5945.78	ND	33.35		5912.43
MW-7	11/02/22	5945.78	ND	33.50		5912.28

TABLE 1 - GROUNDWATER ELEVATION RESULTS

Gallegos Canyon Unit #124E						
Location	Date	TOC	Depth to LNAPL (ft.)	Depth to Water (ft.)	LNAPL Thickness (ft.)	GW Elevation (ft.)
MW-7	03/30/23	5945.78	ND	33.46		5912.32
MW-7	05/17/23	5945.78	ND	33.69		5912.09
MW-7	08/31/23	5945.78	ND	33.78		5912.00
MW-7	11/13/23	5945.78	ND	33.46		5912.32
MW-7	03/28/24	5945.78	ND	33.23		5912.55
MW-7	05/14/24	5945.78	ND	33.12		5912.66
MW-7	08/28/24	5945.78	ND	33.12		5912.66
MW-7	11/08/24	5945.78	ND	32.49		5913.29
MW-7	03/25/25	5945.78	ND	32.69		5913.09
MW-7	05/21/25	5945.78	ND	32.86		5912.92
MW-7	08/05/25	5945.78	ND	32.86		5912.92
MW-8	05/19/22	5944.90	ND	31.70		5913.20
MW-8	11/02/22	5944.90	ND	31.51		5913.39
MW-8	03/30/23	5944.90	ND	30.94		5913.96
MW-8	05/17/23	5944.90	ND	31.29		5913.61
MW-8	08/31/23	5944.90	ND	31.27		5913.63
MW-8	11/13/23	5944.90	ND	31.19		5913.71
MW-8	03/28/24	5944.90	ND	30.68		5914.22
MW-8	05/14/24	5944.90	ND	30.80		5914.10
MW-8	08/28/24	5944.90	ND	31.10		5913.80
MW-8	11/08/24	5944.90	ND	30.63		5914.27
MW-8	03/25/25	5944.90	ND	30.75		5914.15
MW-8	05/21/25	5944.90	ND	38.50		5906.40
MW-8	08/05/25	5944.90	ND	30.77		5914.13

Notes:

"ft" = feet

"TOC" = Top of casing

"LNAPL" = Light non-aqueous phase liquid

"ND" = LNAPL not detected

"NR" = LNAPL not recorded

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

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	06/25/98	340	271	111	510
MW-1	09/14/98	410	251	68.3	220
MW-1	12/15/98	710	1300	160	940
MW-1	03/16/99	2960	5130	367	2890
MW-1	10/05/00	NS	NS	NS	NS
MW-1	11/15/00	NS	NS	NS	NS
MW-1	12/20/00	NS	NS	NS	NS
MW-1	01/09/01	NS	NS	NS	NS
MW-1	01/15/01	NS	NS	NS	NS
MW-1	01/22/01	NS	NS	NS	NS
MW-1	01/30/01	NS	NS	NS	NS
MW-1	03/12/01	NS	NS	NS	NS
MW-1	06/05/01	NS	NS	NS	NS
MW-1	07/13/01	NS	NS	NS	NS
MW-1	08/02/01	NS	NS	NS	NS
MW-1	08/31/01	NS	NS	NS	NS
MW-1	09/21/01	NS	NS	NS	NS
MW-1	10/02/01	NS	NS	NS	NS
MW-1	01/02/02	NS	NS	NS	NS
MW-1	01/07/02	NS	NS	NS	NS
MW-1	01/23/02	NS	NS	NS	NS
MW-1	01/30/02	NS	NS	NS	NS
MW-1	02/07/02	NS	NS	NS	NS
MW-1	02/14/02	NS	NS	NS	NS
MW-1	02/20/02	NS	NS	NS	NS
MW-1	03/04/02	NS	NS	NS	NS
MW-1	03/11/02	NS	NS	NS	NS
MW-1	03/21/02	NS	NS	NS	NS
MW-1	03/28/02	NS	NS	NS	NS
MW-1	04/03/02	NS	NS	NS	NS
MW-1	04/12/02	NS	NS	NS	NS
MW-1	04/18/02	NS	NS	NS	NS
MW-1	04/25/02	NS	NS	NS	NS
MW-1	05/03/02	NS	NS	NS	NS
MW-1	05/10/02	NS	NS	NS	NS
MW-1	05/17/02	NS	NS	NS	NS
MW-1	05/24/02	NS	NS	NS	NS
MW-1	05/31/02	NS	NS	NS	NS
MW-1	06/07/02	NS	NS	NS	NS

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	06/12/02	NS	NS	NS	NS
MW-1	06/21/02	NS	NS	NS	NS
MW-1	06/27/02	NS	NS	NS	NS
MW-1	07/02/02	NS	NS	NS	NS
MW-1	07/11/02	NS	NS	NS	NS
MW-1	07/15/02	NS	NS	NS	NS
MW-1	10/16/02	NS	NS	NS	NS
MW-1	01/15/03	NS	NS	NS	NS
MW-1	05/05/03	NS	NS	NS	NS
MW-1	07/18/03	NS	NS	NS	NS
MW-1	01/29/04	NS	NS	NS	NS
MW-1	04/15/04	NS	NS	NS	NS
MW-1	07/26/04	NS	NS	NS	NS
MW-1	10/15/04	NS	NS	NS	NS
MW-1	01/17/05	NS	NS	NS	NS
MW-1	04/19/05	38.8	<1	142	1160
MW-1	07/20/05	125	11.4	371	2640
MW-1	10/20/05	86.8	11.3	125	864
MW-1	01/19/06	77.9	12	101	656
MW-1	04/24/06	45.1	3.5 J	56.1	377
MW-1	07/31/06	60.8	1.5 J	79.3	524
MW-1	10/24/06	21.1	<1	56.6	349
MW-1	01/19/07	22.4	<1	60	367
MW-1	04/24/07	30.3	<1	60.6	407
MW-1	07/31/07	35.3	<2	68.4	416
MW-1	10/25/07	9	<1	33.2	173
MW-1	01/28/08	6	<2	41.6	210
MW-1	04/23/08	14.1	0.59 J	50.1	360
MW-1	07/23/08	72.7	6.7	65.8	210
MW-1	10/08/08	194	<50	43.6 J	328
MW-1	01/07/09	281	6 J	110	653
MW-1	08/25/09	57.9	8.8 J	58.4	298
MW-1	11/03/09	NS	NS	NS	NS
MW-1	02/15/10	98.3	4.1	80.6	385
MW-1	05/24/10	NS	NS	NS	NS
MW-1	09/27/10	159	<2	56.4	348
MW-1	11/01/10	NS	NS	NS	NS
MW-1	02/01/11	109	0.28 J	54.1	436
MW-1	05/02/11	NS	NS	NS	NS

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-1	09/23/11	288	<1	116	1020
MW-1	02/22/12	255	<5	145	853
MW-1	05/07/12	NS	NS	NS	NS
MW-1	06/04/13	33	<0.60	11	0.86
MW-1	09/11/13	25	<0.30	9.8	8.9
MW-1	12/15/13	87	<0.30	50	100
MW-1	04/05/14	31	6.2	23	15
MW-1	10/25/14	NS	NS	NS	NS
MW-1	05/31/15	NS	NS	NS	NS
MW-1	11/22/15	NS	NS	NS	NS
MW-1	04/18/16	NS	NS	NS	NS
MW-1	10/14/16	NS	NS	NS	NS
MW-1	06/10/17	NS	NS	NS	NS
MW-1	11/11/17	NS	NS	NS	NS
MW-1	05/18/18	NS	NS	NS	NS
MW-1	10/28/18	NS	NS	NS	NS
MW-1	05/23/19	NS	NS	NS	NS
MW-1	11/11/19	NS	NS	NS	NS
MW-1	05/16/20	NS	NS	NS	NS
MW-1	11/11/20	NS	NS	NS	NS
MW-1	03/17/21	NS	NS	NS	NS
MW-1	05/21/21	NS	NS	NS	NS
MW-1	08/23/21	NS	NS	NS	NS
MW-1	11/12/21	NS	NS	NS	NS
MW-1	05/19/22	NS	NS	NS	NS
MW-1	08/02/22	2	<1.0	1.2	36
DUP-01(MW-1)*	08/02/22	1.6	<1.0	<1.0	20
MW-1	11/02/22	NS	NS	NS	NS
MW-1	03/30/23	NS	NS	NS	NS
MW-1 replaced with MW-1R on 4/13/2023					
MW-1R	05/17/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	05/17/23	<1.0	<1.0	<1.0	<10
MW-1R	08/31/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	08/31/23	<1.0	<1.0	<1.0	<10
MW-1R	11/13/23	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	11/13/23	<1.0	<1.0	<1.0	<10
MW-1R	03/28/24	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	03/28/24	<1.0	<1.0	<1.0	<10
MW-1R	05/14/24	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
DUP-01(MW-1R)*	05/14/24	<1.0	<1.0	<1.0	<10
MW-1R	08/28/24	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	08/28/24	<1.0	<1.0	<1.0	<10
MW-1R	11/08/24	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	11/08/24	<1.0	<1.0	<1.0	<10
MW-1R	03/25/25	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	03/25/25	<1.0	<1.0	<1.0	<10
MW-1R	05/21/25	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	05/21/25	<1.0	<1.0	<1.0	<10
MW-1R	08/05/25	<1.0	<1.0	<1.0	<10
DUP-01(MW-1R)*	08/05/25	<1.0	<1.0	<1.0	<10
Well abandoned 1/19/2014					
MW-2	12/15/13	<0.14	<0.30	<0.20	<0.23
MW-2	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-2	10/25/14	<0.38	<0.70	<0.50	<1.6
Well abandoned 1/19/2014					
MW-3	12/15/13	4.1	<0.30	7.4	27
MW-3	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-3	10/25/14	<0.38	<0.70	<0.50	<1.6
MW-3	05/31/15	<1.0	<5.0	<1.0	<5.0
MW-3	11/22/15	<1.0	<1.0	<1.0	<3.0
MW-3	04/18/16	<1.0	<5.0	<1.0	<5.0
MW-3	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-3	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-3	11/11/17	<1.0	<1.0	<1.0	<10
MW-3	05/18/18	<1.0	<1.0	<1.0	<10
MW-3	10/28/18	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	10/28/18	<1.0	<1.0	<1.0	<10
MW-3	05/23/19	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/23/19	<1.0	<1.0	<1.0	<10
MW-3	11/11/19	<1.0	<1.0	<1.0	<10
MW-3	05/16/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/16/20	<1.0	<1.0	<1.0	<10
MW-3	11/11/20	<1.0	<1.0	<1.0	<10
MW-3	05/21/21	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/21/21	<1.0	<1.0	<1.0	<10
MW-3	11/12/21	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	11/12/21	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-3	05/19/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	05/19/22	<1.0	<1.0	<1.0	<10
MW-3	11/02/22	<1.0	<1.0	<1.0	<10
DUP-01(MW-3)*	11/02/22	<1.0	<1.0	<1.0	<10
MW-3	03/30/23	NS	NS	NS	NS
MW-3	05/17/23	<1.0	<1.0	<1.0	<10
MW-3	08/31/23	<1.0	<1.0	<1.0	<10
MW-3	11/13/23	<1.0	<1.0	<1.0	<10
MW-3	03/28/24	<1.0	<1.0	<1.0	<10
MW-3	05/14/24	<1.0	<1.0	<1.0	<10
MW-3	08/28/24	<1.0	<1.0	<1.0	<10
MW-3	11/08/24	<1.0	<1.0	<1.0	<10
MW-3	03/25/25	<1.0	<1.0	<1.0	<10
MW-3	05/21/25	<1.0	<1.0	<1.0	<10
MW-3	08/05/25	NS	NS	NS	NS
MW-3	08/07/25	<1.0	<1.0	<1.0	<10
MW-4	12/15/13	<0.14	<0.30	0.28 J	1.4 J
MW-4	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-4	10/25/14	<0.38	<0.70	<0.50	<1.6
MW-4	05/31/15	<1.0	<5.0	<1.0	<5.0
MW-4	11/22/15	<1.0	<1.0	<1.0	<3.0
MW-4	04/18/16	<1.0	<5.0	<1.0	<5.0
MW-4	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-4	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-4	11/11/17	<1.0	<1.0	4	<10
MW-4	05/18/18	<1.0	<1.0	<1.0	<10
MW-4	10/28/18	<1.0	<1.0	<1.0	<10
MW-4	05/23/19	<1.0	<1.0	<1.0	<10
MW-4	11/11/19	<1.0	<1.0	<1.0	<10
MW-4	05/16/20	<1.0	<1.0	<1.0	<10
MW-4	11/11/20	<1.0	<1.0	<1.0	<10
DUP-01(MW-4)*	11/11/20	<1.0	<1.0	<1.0	<10
MW-4	05/21/21	<1.0	<1.0	<1.0	<10
MW-4	11/12/21	<1.0	<1.0	<1.0	<10
MW-4	05/19/22	<1.0	<1.0	<1.0	<10
MW-4	11/02/22	<1.0	<1.0	<1.0	<10
MW-4	03/30/23	NS	NS	NS	NS
MW-4	05/17/23	<1.0	<1.0	<1.0	<10
MW-4	08/31/23	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-4	11/13/23	<1.0	<1.0	<1.0	<10
MW-4	03/28/24	<1.0	<1.0	<1.0	<10
MW-4	05/14/24	<1.0	<1.0	<1.0	<10
MW-4	08/28/24	<1.0	<1.0	<1.0	<10
MW-4	11/08/24	<1.0	<1.0	<1.0	<10
MW-4	03/25/25	<1.0	<1.0	<1.0	<10
MW-4	05/21/25	<1.0	<1.0	<1.0	<10
MW-4	08/05/25	NS	NS	NS	NS
MW-4	08/07/25	<1.0	<1.0	<1.0	<10
MW-5	12/15/13	9.3	<0.30	53	32
MW-5	04/05/14	11	5.8	13	<0.65
MW-5	10/25/14	5.9	<0.70	5.2	<1.6
MW-5	05/31/15	0.65 J	<5.0	<1.0	<5.0
MW-5	11/22/15	1.6	<1.0	2.7	<3.0
MW-5	04/18/16	<1.0	<5.0	<1.0	<5.0
MW-5	10/14/16	<1.0	<5.0	3.6	<5.0
MW-5	06/10/17	1	<5.0	6.5	<5.0
MW-5	11/11/17	2.1	<1.0	14	<10
MW-5	05/18/18	<1.0	<1.0	4.9	<10
DUP-01(MW-5)*	05/18/18	<1.0	<1.0	3.5	<10
MW-5	10/28/18	1.0	<1.0	1.9	<10
MW-5	05/23/19	NS	NS	NS	NS
MW-5	11/11/19	NS	NS	NS	NS
MW-5	05/16/20	NS	NS	NS	NS
MW-5	11/11/20	NS	NS	NS	NS
MW-5	03/17/21	NS	NS	NS	NS
MW-5	05/21/21	<1.0	<1.0	<1.0	<10
MW-5	08/23/21	NS	NS	NS	NS
MW-5	11/12/21	<1.0	<1.0	<1.0	<10
MW-5	05/19/22	<1.0	<1.0	<1.0	<10
MW-5	08/02/22	<1.0	<1.0	<1.0	<10
MW-5	11/02/22	<1.0	<1.0	<1.0	<10
MW-5	03/30/23	NS	NS	NS	NS
MW-5	05/17/23	<1.0	<1.0	<1.0	<10
MW-5	08/31/23	<1.0	<1.0	<1.0	<10
MW-5	11/13/23	<1.0	<1.0	<1.0	<10
MW-5	03/28/24	<1.0	<1.0	<1.0	<10
MW-5	05/14/24	<1.0	<1.0	<1.0	<10
MW-5	08/28/24	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-5	11/08/24	<1.0	<1.0	<1.0	<10
MW-5	03/25/25	<1.0	<1.0	<1.0	<10
MW-5	05/21/25	<1.0	<1.0	<1.0	<10
MW-5	08/05/25	NS	NS	NS	NS
MW-5	08/07/25	<1.0	<1.0	<1.0	<10
DUP-02(MW-5)*	08/07/25	<1.0	<1.0	<1.0	<10
MW-6	12/15/13	<0.14	<0.30	<0.20	2.0 J
MW-6	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-6	10/25/14	<0.38	<0.70	<0.50	<1.6
MW-6	05/31/15	<1.0	<5.0	<1.0	<5.0
MW-6	11/22/15	<1.0	<1.0	<1.0	<3.0
MW-6	04/18/16	<1.0	<5.0	<1.0	<5.0
MW-6	10/14/16	<1.0	<5.0	<1.0	<5.0
MW-6	06/10/17	<1.0	<5.0	<1.0	<5.0
MW-6	11/11/17	<1.0	<1.0	<1.0	<10
MW-6	05/18/18	<1.0	<1.0	<1.0	<10
MW-6	10/28/18	<1.0	<1.0	<1.0	<10
MW-6	05/23/19	<1.0	<1.0	<1.0	<10
MW-6	11/11/19	<1.0	<1.0	<1.0	<10
MW-6	05/16/20	<1.0	<1.0	<1.0	<10
MW-6	11/11/20	<1.0	<1.0	<1.0	<10
MW-6	05/21/21	<1.0	<1.0	<1.0	<10
MW-6	11/12/21	<1.0	<1.0	<1.0	<10
MW-6	05/19/22	<1.0	<1.0	<1.0	<10
MW-6	11/02/22	<1.0	<1.0	<1.0	<10
MW-6	03/30/23	NS	NS	NS	NS
MW-6	05/17/23	<1.0	<1.0	<1.0	<10
MW-6	08/31/23	<1.0	<1.0	<1.0	<10
MW-6	11/13/23	<1.0	<1.0	<1.0	<10
MW-6	03/28/24	<1.0	<1.0	<1.0	<10
MW-6	05/14/24	<1.0	<1.0	<1.0	<10
MW-6	08/28/24	<1.0	<1.0	<1.0	<10
MW-6	11/08/24	<1.0	<1.0	<1.0	<10
MW-6	03/25/25	<1.0	<1.0	<1.0	<10
MW-6	05/21/25	<1.0	<1.0	<1.0	<10
MW-6	08/05/25	NS	NS	NS	NS
MW-6	08/07/25	<1.0	<1.0	<1.0	<10
MW-7	12/15/13	<0.14	<0.30	<0.20	<0.23

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-7	04/05/14	<0.20	<0.38	<0.20	<0.65
MW-7	10/25/14	<0.38	<0.70	<0.50	<1.6
MW-7	05/31/15	<1.0	<5.0	<1.0	<5.0
MW-7	11/22/15	<1.0	<1.0	<1.0	<3.0
MW-7	04/18/16	NS	NS	NS	NS
MW-7	10/14/16	NS	NS	NS	NS
MW-7	06/10/17	NS	NS	NS	NS
MW-7	11/11/17	<1.0	<1.0	<1.0	<10
MW-7	05/18/18	NS	NS	NS	NS
MW-7	10/28/18	NS	NS	NS	NS
MW-7	05/23/19	NS	NS	NS	NS
MW-7	11/11/19	<1.0	<1.0	<1.0	<10
DUP-01(MW-7)*	11/11/19	<1.0	<1.0	<1.0	<10
MW-7	05/16/20	NS	NS	NS	NS
MW-7	11/11/20	<1.0	<1.0	<1.0	<10
MW-7	05/21/21	NS	NS	NS	NS
MW-7	11/12/21	NS	NS	NS	NS
MW-7	05/19/22	NS	NS	NS	NS
MW-7	11/02/22	<1.0	<1.0	<1.0	<10
MW-7	03/30/23	NS	NS	NS	NS
MW-7	05/17/23	<1.0	<1.0	<1.0	<10
MW-7	08/31/23	<1.0	<1.0	<1.0	<10
MW-7	11/13/23	<1.0	<1.0	<1.0	<10
MW-7	03/28/24	<1.0	<1.0	<1.0	<10
MW-7	05/14/24	<1.0	<1.0	<1.0	<10
MW-7	08/28/24	<1.0	<1.0	<1.0	<10
MW-7	11/08/24	<1.0	<1.0	<1.0	<10
MW-7	03/25/25	<1.0	<1.0	<1.0	<10
MW-7	05/21/25	<1.0	<1.0	<1.0	<10
MW-7	08/05/25	NS	NS	NS	NS
MW-7	08/07/25	<1.0	<1.0	<1.0	<10
MW-8	05/19/22	<1.0	<1.0	<1.0	<10
MW-8	11/02/22	<1.0	<1.0	<1.0	<10
MW-8	03/30/23	NS	NS	NS	NS
MW-8	05/17/23	<1.0	<1.0	<1.0	<10
MW-8	08/31/23	<1.0	<1.0	<1.0	<10
MW-8	11/13/23	<1.0	<1.0	<1.0	<10
MW-8	03/28/24	<1.0	<1.0	<1.0	<10
MW-8	05/14/24	<1.0	<1.0	<1.0	<10

TABLE 2 - GROUNDWATER BTEX ANALYTICAL RESULTS

Gallegos Canyon Unit #124E					
Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
NMWQCC Standards:		10	750	750	620
MW-8	08/28/24	<1.0	<1.0	<1.0	<10
MW-8	11/08/24	<1.0	<1.0	<1.0	<10
MW-8	03/25/25	<1.0	<1.0	<1.0	<10
MW-8	05/21/25	<1.0	<1.0	<1.0	<10
MW-8	08/05/25	NS	NS	NS	NS
MW-8	08/07/25	<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 is an approximate value.

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

*Field Duplicate results presented immediately below primary sample result

TABLE 3 - GROUNDWATER SVOC ANALYTICAL RESULTS

Gallegos Canyon Unit #124E						
Location	Date	1-Methylnaphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Naphthalene (µg/L)	Total Naphthalenes (µg/L)	Benzo(a)pyrene (µg/L)
NMWQCC Standards:		-	-	-	30	0.7
MW-1	08/02/22	18	11	8.2	37.2	0.24
DUP-01 (MW-1)*	08/02/22	17	10	7.6	34.6	<0.19
MW-1 replaced with MW-1R on 4/13/2023						
MW-1R	05/17/23	<0.30	<0.30	<0.30	<0.30	<0.30
DUP-01 (MW-1R)*	05/17/23	<0.30	<0.30	<0.30	<0.30	<0.30
MW-1R	11/14/23	<0.21	<0.21	<0.21	<0.21	<0.21
MW-1R	05/16/24	<0.20	<0.20	<0.20	<0.20	<0.20
DUP-01 (MW-1R)*	05/16/24	<0.20	<0.20	<0.20	<0.20	<0.20
MW-1R	08/28/24	<0.21	<0.21	<0.21	<0.21	<0.21
DUP-01 (MW-1R)*	08/28/24	<0.21	<0.21	<0.21	<0.21	<0.21
MW-1R	11/08/24	<0.21	<0.21	<0.21	<0.21	<0.21
DUP-01 (MW-1R)*	11/08/24	<0.22	<0.22	<0.22	<0.22	<0.22
MW-1R	03/25/25	<0.19	<0.19	<0.19	<0.19	<0.19
DUP-01 (MW-1R)*	03/25/25	<0.19	<0.19	<0.19	<0.19	<0.19
MW-1R	05/21/25	<0.20	<0.20	<0.20	<0.20	<0.20
DUP-01 (MW-1R)*	05/21/25	<0.19	<0.19	<0.19	<0.19	<0.19
MW-1R	08/05/25	<0.20	<0.20	<0.20	<0.20	<0.20
DUP-01 (MW-1R)*	08/05/25	<0.20	<0.20	<0.20	<0.20	<0.20
MW-3	05/17/23	<0.23	<0.23	<0.23	<0.23	<0.23
MW-4	05/17/23	<0.27	<0.27	<0.27	<0.27	<0.27
MW-5	08/02/22	<0.19	<0.19	<0.19	<0.19	<0.19
MW-6	05/17/23	<0.24	<0.24	<0.24	<0.24	<0.24
MW-7	05/17/23	<0.26	<0.26	0.31	0.31	<0.26

Notes:

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

µg/L = micrograms per liter

NMWQCC = New Mexico Water Quality Control Commission (NMWQCC)

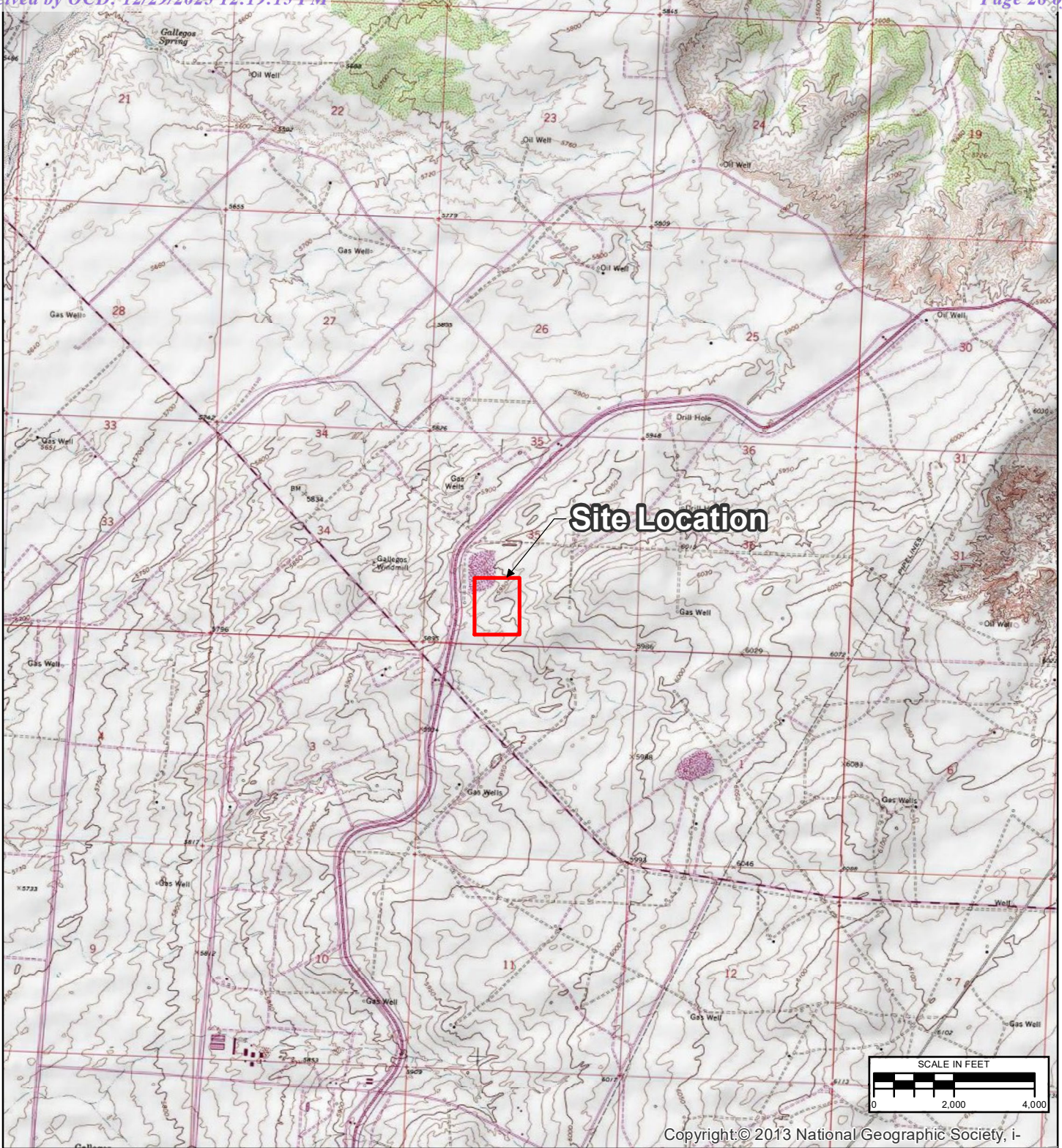
"-" = NMWQCC Standard is not established

"<" = analyte was not detected at the indicated reporting limit

"SVOC" = Semi-volatile Organic Compounds


*Field Duplicate results presented immediately below primary sample result

FIGURES



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

TITLE	SITE LOCATION
PROJECT	GALLEGOS CANYON UNIT #124E SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO



Stantec

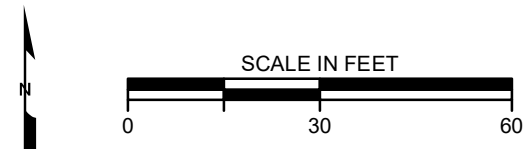
FIGURE **1**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2023 MAPS\GCU#124E_SITEMAP_2023.mxd



LEGEND:

- 5795— APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x- FENCE
- FORMER PIT
- PW— PRODUCED WATER LINE
- UGC— UNDERGROUND CABLE
- G— UNDERGROUND GAS LINE
- ⊙ ABANDONED MONITORING WELL
- ▲ SMA BENCHMARK
- ⊠ GAS VALVE
- ⊕ MONITORING WELL
- ⊕ SOIL BORING
- ⊠ RIG ANCHOR
- ⊙ WELLHEAD



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2024-02-29	SAH	SAH	SRV

TITLE:
SITE PLAN

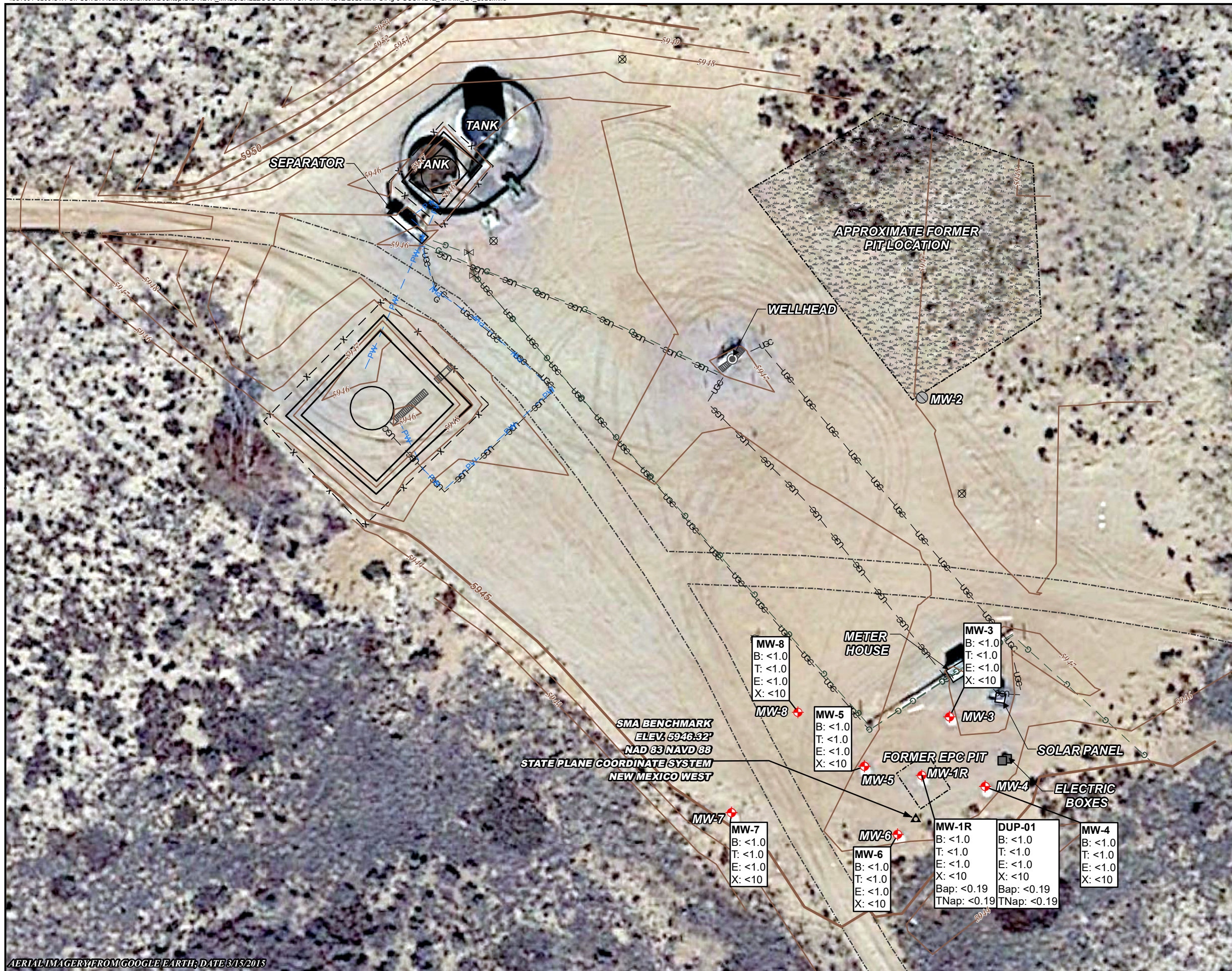
PROJECT: **GALLEGOS CANYON UNIT #124E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

Stantec Figure No.: **2**

**SMA BENCHMARK
ELEV. 5946.32'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST**

AERIAL IMAGERY FROM GOOGLE EARTH; DATE 3/15/2015

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2025 MAPS\Fig 3 GCU#124E_GARM_Q1_2025.mxd



LEGEND:

- 5795 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- - - - - ACCESS ROAD
- x - - - - FENCE
- - - - - FORMER PIT
- PW - - - - PRODUCED WATER LINE
- UGC - - - - UNDERGROUND CABLE
- G - - - - UNDERGROUND GAS LINE
- ⊙ ABANDONED MONITORING WELL
- ▲ SMA BENCHMARK
- ⊗ GAS VALVE
- ⊕ MONITORING WELL
- ⊗ RIG ANCHOR
- ⊙ WELLHEAD

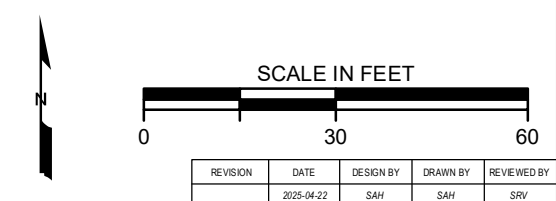
NOTES:

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.
μg/L = MICROGRAMS PER LITER
<10 = BELOW METHOD 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
Bap = Benzo(a)pyrene	0.7 μg/L
TNap = Total Naphthalene	30 μg/L



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-04-22	SAH	SAH	SRV

TITLE:

**GROUNDWATER ANALYTICAL RESULTS
MARCH 25, 2025**

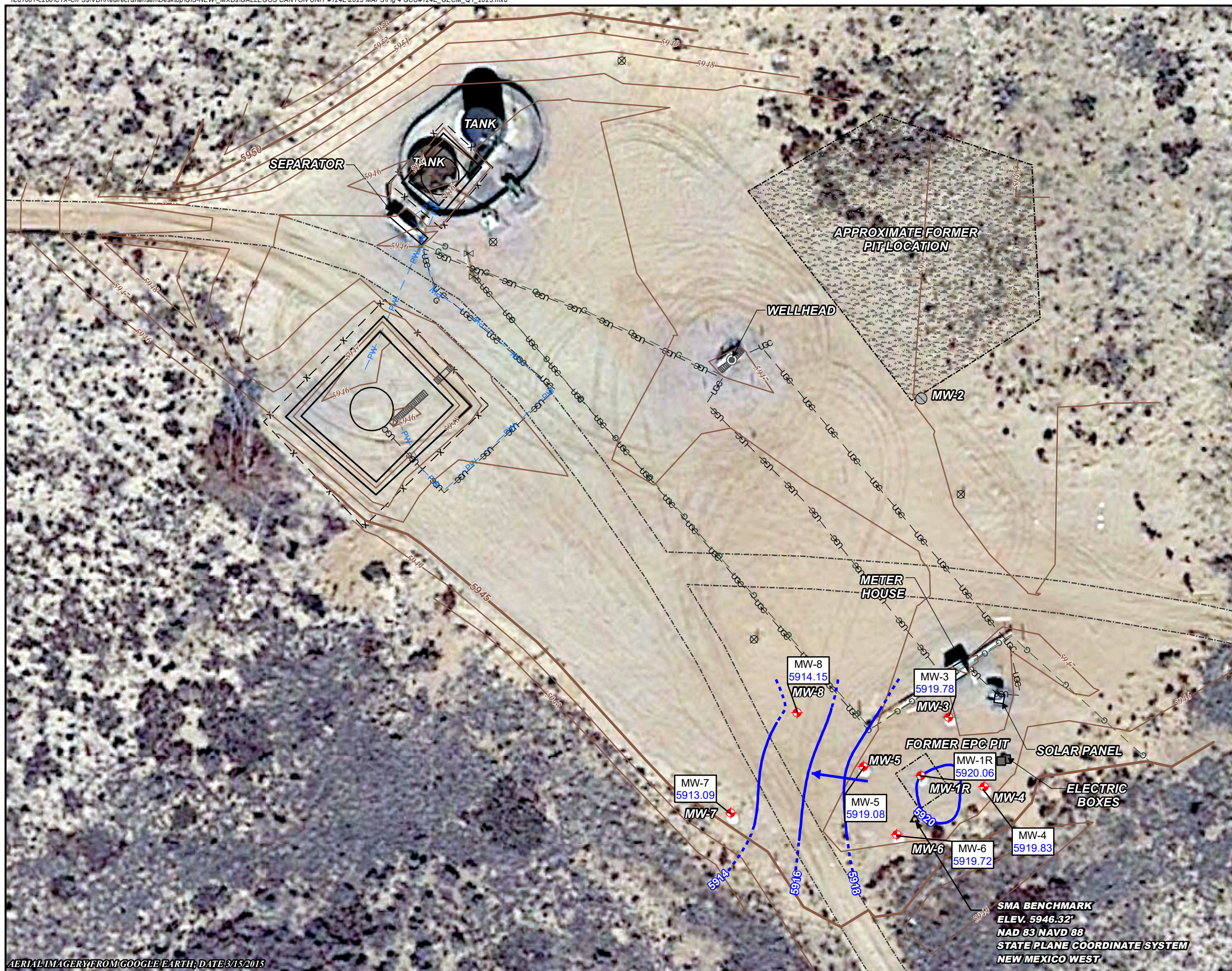
PROJECT: **GALLEGOS CANYON UNIT #124E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

	Figure No.: 3
--	-------------------------

MW-8 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-5 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-3 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-4 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-7 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-6 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-1R B: <1.0 T: <1.0 E: <1.0 X: <10 Bap: <0.19 TNap: <0.19	DUP-01 B: <1.0 T: <1.0 E: <1.0 X: <10 Bap: <0.19 TNap: <0.19

AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2025 MAPS\Fig 4 GCU#124E_GECM_Q1_2025.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

LEGEND:

- 5795 — APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x- FENCE
- FORMER PIT
- PW- PRODUCED WATER LINE
- UG- UNDERGROUND CABLE
- G- UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- △ SMA BENCHMARK
- ⊗ GAS VALVE
- ◆ MONITORING WELL
- ⊗ RIG ANCHOR
- WELLHEAD

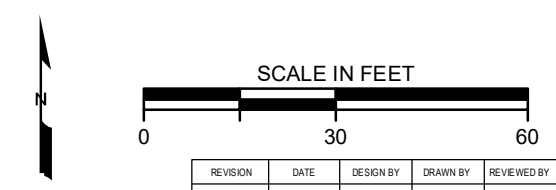
NOTES:

5914.27 GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS. FEET ABOVE MEAN SEA LEVEL

5914 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)

→ DIRECTION OF GROUNDWATER FLOW

LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-04-22	SAH	SAH	SRV

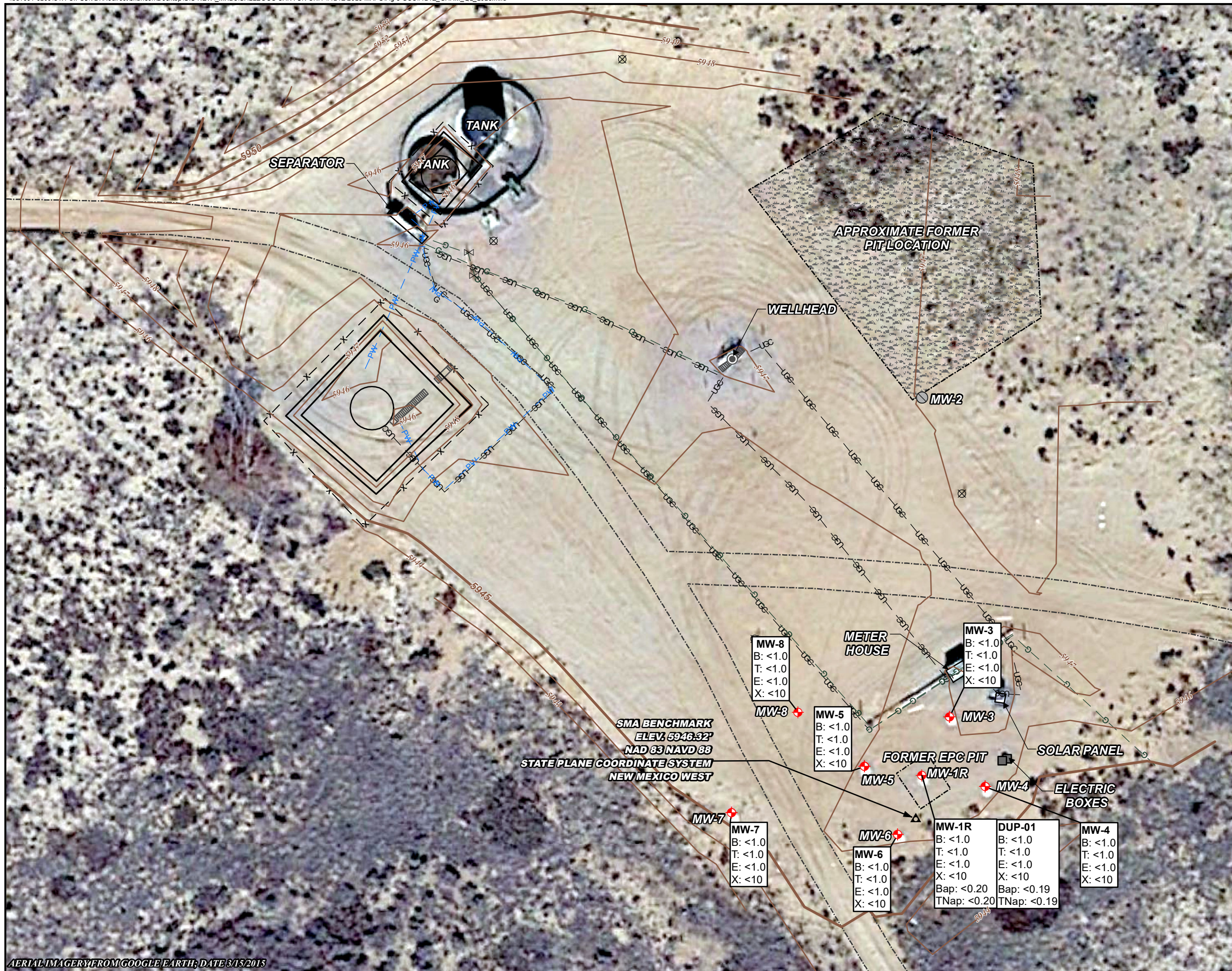
TITLE: **GROUNDWATER ELEVATION MAP
MARCH 25, 2025**

PROJECT: **GALLEGOS CANYON UNIT #124E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

Figure No.: **4**

Stantec

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2025 MAPS\Fig 5 GCU#124E_GARM_Q2_2025.mxd



LEGEND:

- 5795— APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x- FENCE
- - - - - FORMER PIT
- PW- PRODUCED WATER LINE
- UG- UNDERGROUND CABLE
- G- UNDERGROUND GAS LINE
- ⊙ ABANDONED MONITORING WELL
- ▲ SMA BENCHMARK
- ⊗ GAS VALVE
- ⊕ MONITORING WELL
- ⊗ RIG ANCHOR
- ⊙ WELLHEAD

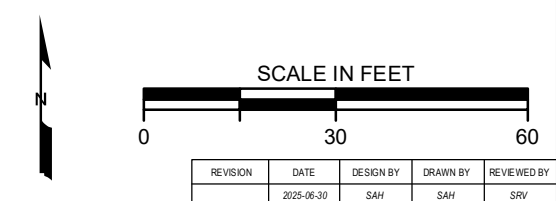
NOTES:

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.
 µg/L = MICROGRAMS PER LITER
 <10 = BELOW METHOD 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
Bap = Benzo(a)pyrene	0.7 µg/L
TNap = Total Naphthalene	30 µg/L



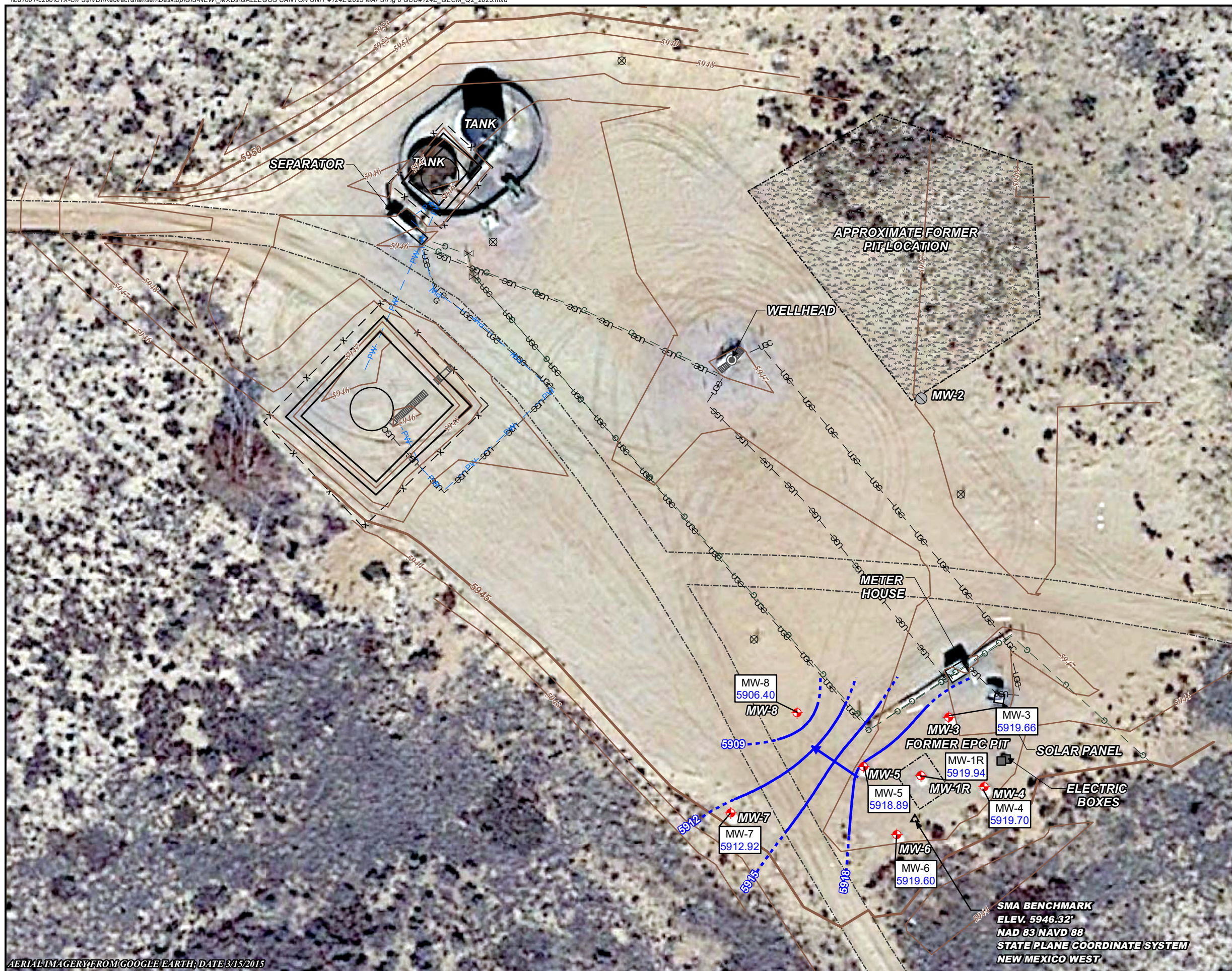
TITLE:
GROUNDWATER ANALYTICAL RESULTS
MAY 21, 2025

PROJECT: **GALLEGOS CANYON UNIT #124E**
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO

	Figure No.: 5
--	-------------------------

AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2025 MAPS\Fig 6 GCU#124E_GECM_Q2_2025.mxd

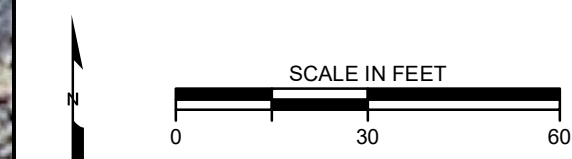


LEGEND:

- 5795 APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- - - - - ACCESS ROAD
- x- - - FENCE
- - - - - FORMER PIT
- PW— PRODUCED WATER LINE
- UGC— UNDERGROUND CABLE
- G— UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- ▲ SMA BENCHMARK
- ⊗ GAS VALVE
- ◆ MONITORING WELL
- ⊗ RIG ANCHOR
- WELLHEAD

NOTES:

- 5914.27 GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS. FEET ABOVE MEAN SEA LEVEL
 - 5914 CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
 - DIRECTION OF GROUNDWATER FLOW
- LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



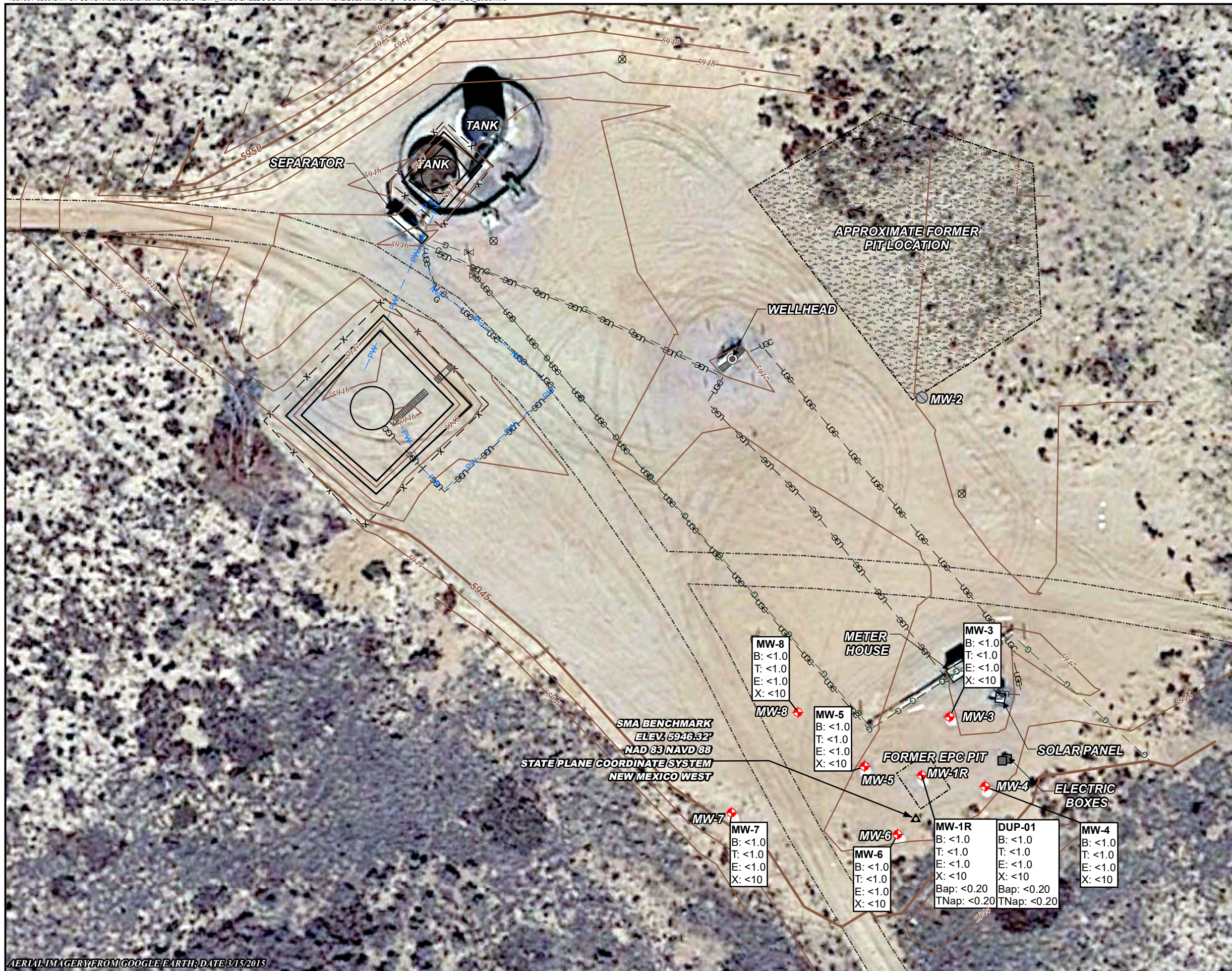
TITLE: **GROUNDWATER ELEVATION MAP
MAY 21, 2025**

PROJECT: **GALLEGOS CANYON UNIT #124E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

Stantec Figure No.: **6**

AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2025 MAPS\Fig 7 GCU#124E_GARM_Q3_2025.mxd



LEGEND:

- 5795— APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET
- ACCESS ROAD
- x- FENCE
- - - - - FORMER PIT
- PW- PRODUCED WATER LINE
- UG- UNDERGROUND CABLE
- G- UNDERGROUND GAS LINE
- ⊙ ABANDONED MONITORING WELL
- ▲ SMA BENCHMARK
- ⊗ GAS VALVE
- ⊕ MONITORING WELL
- ⊗ RIG ANCHOR
- ⊙ WELLHEAD

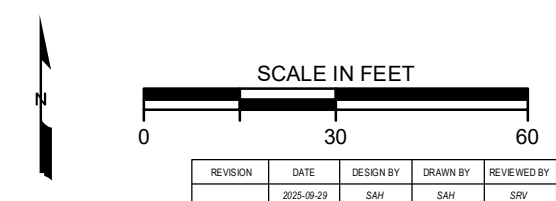
NOTES:

DUP = FIELD DUPLICATE SAMPLE
 LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID
 MW-1R WAS SAMPLED ON AUGUST 5 & REMAINING WELLS WERE SAMPLED AUGUST 7, 2025.

EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:

RESULTS IN **BOLDFACE/RED** TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT ANALYTE.
 µg/L = MICROGRAMS PER LITER
 <10 = BELOW METHOD 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
Bap = Benzo(a)pyrene	0.7 µg/L
TNap = Total Naphthalene	30 µg/L



SMA BENCHMARK
 ELEV. 5946.32'
 NAD 83 NAVD 88
 STATE PLANE COORDINATE SYSTEM
 NEW MEXICO WEST

MW-8 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-5 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-3 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-4 B: <1.0 T: <1.0 E: <1.0 X: <10
MW-7 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-6 B: <1.0 T: <1.0 E: <1.0 X: <10	MW-1R B: <1.0 T: <1.0 E: <1.0 X: <10 Bap: <0.20 TNap: <0.20	DUP-01 B: <1.0 T: <1.0 E: <1.0 X: <10 Bap: <0.20 TNap: <0.20
			MW-4 B: <1.0 T: <1.0 E: <1.0 X: <10

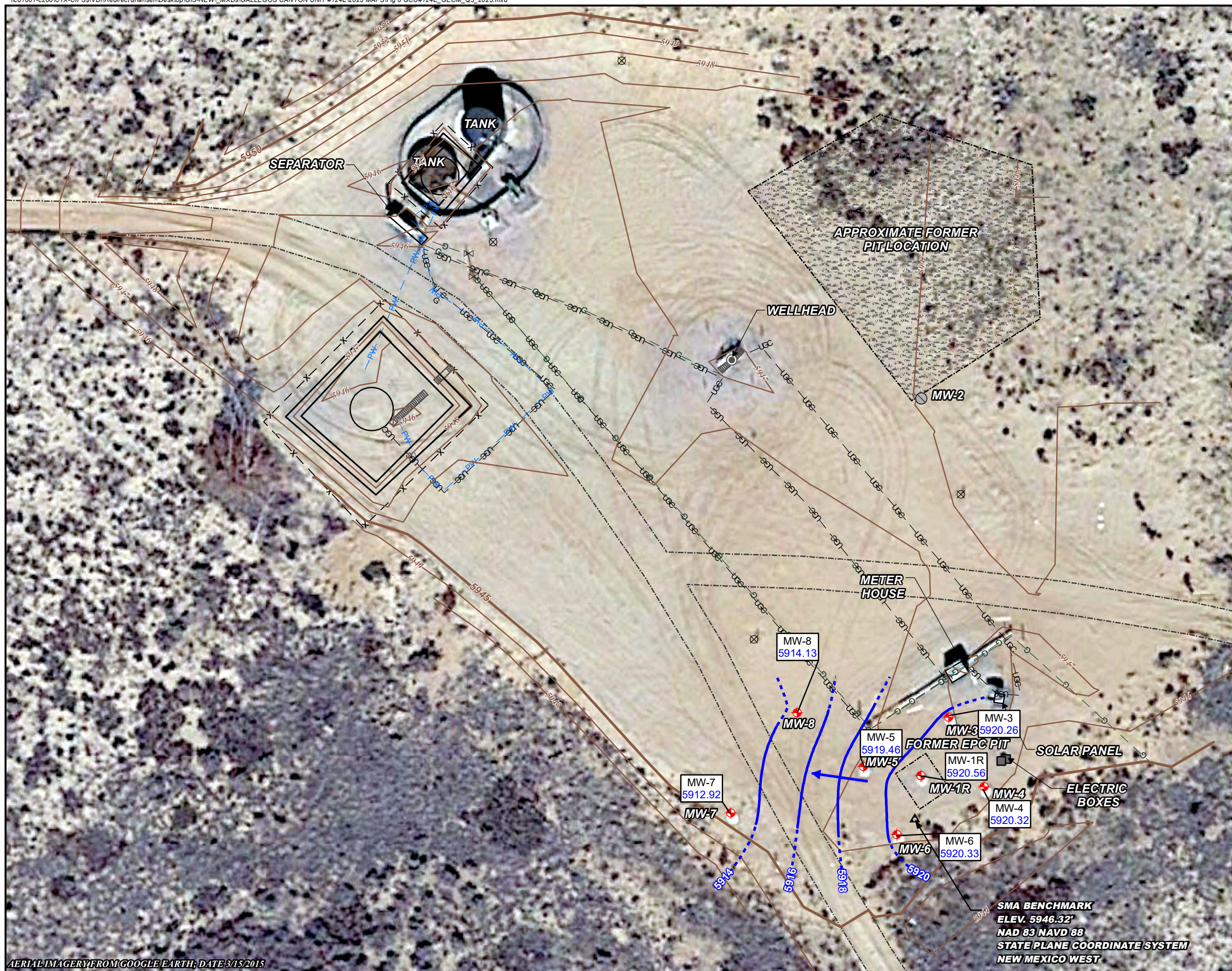
AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

TITLE:
**GROUNDWATER ANALYTICAL RESULTS
 AUGUST 5 & 7, 2025**

PROJECT: **GALLEGOS CANYON UNIT #124E
 SAN JUAN RIVER BASIN
 SAN JUAN COUNTY, NEW MEXICO**

Stantec Figure No.:
7

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW_MXD\GALLEGOS CANYON UNIT #124E\2025 MAPS\Fig 8 GCU#124E_GECM_Q3_2025.mxd

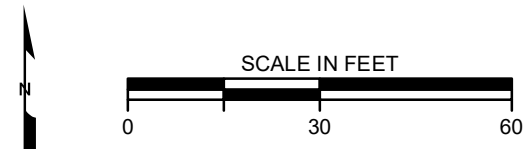


LEGEND:

- 5795 **APPROX. GROUND SURFACE CONTOUR AND ELEVATION, FEET**
- - - - **ACCESS ROAD**
- x- **FENCE**
- - - - **FORMER PIT**
- PW— **PRODUCED WATER LINE**
- UG- **UNDERGROUND CABLE**
- G- **UNDERGROUND GAS LINE**
- ⊙ **ABANDONED MONITORING WELL**
- ▲ **SMA BENCHMARK**
- ⊗ **GAS VALVE**
- ◆ **MONITORING WELL**
- ⊗ **RIG ANCHOR**
- ⊙ **WELLHEAD**

NOTES:

- 5914.13 **GROUNDWATER ELEVATION CORRECTED FOR LNAPL THICKNESS. FEET ABOVE MEAN SEA LEVEL**
 - 5914 **CORRECTED WATER LEVEL ELEVATION CONTOUR DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)**
 - **DIRECTION OF GROUNDWATER FLOW**
- LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID



REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-09-29	SAH	SAH	SRV

TITLE: **GROUNDWATER ELEVATION MAP
AUGUST 5, 2025**

PROJECT: **GALLEGOS CANYON UNIT #124E
SAN JUAN RIVER BASIN
SAN JUAN COUNTY, NEW MEXICO**

Figure No.: **8**

AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/15/2015

**SMA BENCHMARK
ELEV. 5946.32'
NAD 83 NAVD 88
STATE PLANE COORDINATE SYSTEM
NEW MEXICO WEST**

APPENDICES



APPENDIX A



**Appendix A
Site History
Gallegos Canyon Unit #124E
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description/Comments
4/16/1985	API # 30-045-26289	Well spudded	Amoco is owner/operator. Well completed May 6, 1985. First production May 21, 1985.
6/17/1985	API # 30-045-26289	Request for Allowable and Authorization to Transport Oil and Natural Gas	Amoco as operator designated Permian Corporation as transporter.
4/11/1989	API # 30-045-26289	Request for Allowable and Authorization to Transport Oil and Natural Gas	Amoco as operator designated Meridian Oil as transporter.
9/16/1995	nAUTOfAB000205, Approval ID 385744	EPFS Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Outlines approach to investigating and remediating soil and groundwater at closed pit sites.
11/29/1995	nAUTOfAB000205, Approval ID 385744	EPFS Addendum to the Remediation Plan for Groundwater Encountered During Pit Closure Activities to NMOCD	Amends work plan for include installation of additional wells for delienation, define groundwater sampling parameters, and release closure following four consecutive quarters of results below NMWQCC standards.
11/30/1995	nAUTOfAB000205	NMOCD approval of the Remediation Plan with conditions	Approval of Remediation Plan and Addendum.
2/27/1998	nAUTOfAB000205 (Case # 3RP-176)	Semi-annual EPFS Pit Projects Groundwater Report	Lists pits where groundwater was encountered.
7/8/1998	nAUTOfAB000205 (Case # 3RP-176)	NMOCD review letter	Approves modifying reporting schedule from semi-annual to annual basis.
3/31/1999	nAUTOfAB000205 (Case # 3RP-176)	PSC 1998 Annual Groundwater Report (for El Paso Field Services [EPFS])	Summarizes pit closure, installation of MW-1, quarterly groundwater sampling was initiated in June 1998.
2/17/2000	nAUTOfAB000205 (Case # 3RP-176)	Letter from El Paso Energy to NMOCD requesting an extension of the due date for the 2000 Annual Groundwater Report	For calendar year 1999.

**Appendix A
Site History
Gallegos Canyon Unit #124E
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description/Comments
3/24/2000	nAUTOfAB000205 (Case # 3RP-176)	PSC 1999 Annual Groundwater Report (for EPFS)	Quarterly groundwater monitoring suspended; LNAPL recovery initiated.
2/26/2001	nAUTOfAB000205 (Case # 3RP-176)	PSC 2000 Annual Groundwater Report (for EPFS)	Two soil borings (SB-2 and SB-3) advanced; LNAPL recovery.
1/22/2002	API # 30-045-26289	NMOCD approved a Change in Operator	Operator changed from Amoco to BP.
2/28/2002	nAUTOfAB000205 (Case # 3RP-176)	MWH 2001 Annual Groundwater Report (for EPFS)	LNAPL recovery.
4/2/2022	Not in NMOCD files	March 28, 2022 Purchase, Sale and Merger Agreement	Gas pipeline assets sold to Enterprise Products. El Paso retains environmental liability for Incident nAUTOfAB000205.
2/28/2003	nAUTOfAB000205 (Case # 3RP-176)	MWH 2002 Annual Groundwater Report (for EPFS)	LNAPL recovery.
2/2004	API # 30-045-26289	NMOCD received a Pit Remediation and Closure Report	Amoco pit closure on 1/27/2003.
2/26/2004	nAUTOfAB000205 (Case # 3RP-176)	MWH 2003 Annual Groundwater Report (for EPFS)	LNAPL recovery.
2/21/2005	nAUTOfAB000205 (Case # 3RP-176)	MWH 2004 Annual Groundwater Report (for EPFS)	Quarterly LNAPL recovery.
3/2/2006	nAUTOfAB000205 (Case # 3RP-407)	MWH Final 2005 Annual Report (for El Paso Tennessee Pipeline Company [EPTPC])	Quarterly LNAPL recovery.
2/16/2007	nAUTOfAB000205 (Case # 3RP-407)	MWH Final 2006 Annual Report (for EPTPC)	Quarterly groundwater sampling.
4/2/2008	nAUTOfAB000205 (Case # 3RP-407)	MWH 2007 Annual Groundwater Report (for EPTPC)	Quarterly groundwater sampling.
2/28/2009	Not in NMOCD files	MWH 2008 Annual Groundwater Report (for EPTPC)	Quarterly groundwater sampling.

**Appendix A
Site History
Gallegos Canyon Unit #124E
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description/Comments
8/10/2010	nAUTOfAB000205 (Case # 3RP-407)	MWH Final 2009 Annual Report (for EPTPC)	Semi-annual groundwater sampling.
3/2/2011	Not in NMOCD files	MWH 2010 Annual Report (for EPTPC)	Annual groundwater sampling.
3/20/2012	API # 30-045-26289	NMOCD approved a Closure Plan submitted by BP	Tank closure.
8/16/2012	Not in NMOCD files	MWH 2011 Annual Report - Pit Groundwater Remediation (for EPCGP)	Annual groundwater sampling.
10/22/2013	nAUTOfAB000205 (Case # 3RP-176)	MWH Work Plan for Monitoring Well Installation (for El Paso CGP Company [EPCGP])	Proposes installation of 6 monitoring wells.
2/28/2014	nAUTOfAB000205 (Case # 3RP-407)	MWH 2013 Annual Report (for EPCGPC)	MW-2 through MW-7 installed, groundwater sampling.
6/2014	API # 30-045-26289	Tank closure report (BP)	Below ground tank closure.
2/2/2015	nAUTOfAB000205 (Case # 3RP-407)	MWH 2014 Annual Report (for EPCGPC)	Semi-annual groundwater sampling and LNAPL recovery.
2/12/2016	nAUTOfAB000205 (Case # 3RP-407)	MWH 2015 Annual Report (for EPCGPC)	MW-2 plugged & abandoned; modify completions on remaining monitoring well, semi-annual sampling and LNAPL recovery.
3/28/2017	nAUTOfAB000205 (Case # 3RP-407)	MWH 2016 Annual Report (for EPCGPC)	Semi-annual groundwater sampling and LNAPL recovery.
6/2/2017	nAUTOfAB000205 (Case # 3RP-407)	NMOCD review letter for 2016 Annual Groundwater Monitoring Report	Request to address LNAPL.
6/28/2017	nAUTOfAB000205 (Case # 3RP-407)	MWH LNAPL Recovery Work Plan (for EPCGPC)	MDPE proposed to address LNAPL in MW-1.
7/5/2017	nAUTOfAB000205 (Case # 3RP-407)	NMOCD approval of MWH June 2017 LNAPL Recovery Plan	

**Appendix A
Site History
Gallegos Canyon Unit #124E
San Juan River Basin, New Mexico**

Date	Source (Regulatory File #)	Event/Action	Description/Comments
7/19/2017	nAUTOfAB000205 (Case # 3RP-407)	Letter from EPCGPC to NMOCD in response to its June 2, 2017 review letter of the 2016 Annual Report	Letter stated no further delineation of ground water contamination is planned at this time.
4/5/2018	nAUTOfAB000205 (Case # 3RP-407)	MWH 2017 Annual Report (for EPCGPC)	MDPE events; LNAPL recovery and semi-annual groundwater sampling.
3/27/2019	Not in NMOCD files	MWH 2018 Annual Report (for EPCGPC)	Semi-annual groundwater sampling and LNAPL recovery.
3/15/2020	nAUTOfAB000205 (Case # 3RP-407)	MWH 2019 Annual Report	Semi-annual groundwater sampling and LNAPL recovery.
4/2/2020	nAUTOfAB000205 (Case # 3RP-407)	Electronic correspondence from NMOCD to EPCGPC regarding the 2019 Annual Groundwater Report	Report approved, quarterly LNAPL recovery requested, Incident # NAUTOFAB000205 assigned to release.
6/30/2020	API # 30-045-26289	NMOCD approved a Change of Operator	Operator changed from BP to SIMCOE.
4/8/2021	nAUTOfAB000205 (Case # 3RP-407), Application ID 25463	2020 Annual Groundwater Report	GW Monitoring and quarterly LNAPL removal. Report is online and stamped Approved 12/29/2021.
3/18/2022	nAUTOfAB000205 (Case # 3RP-407), Application ID 91393	Stantec Work Plan for Monitoring Well Installation Activities (for EPCGPC)	Installation of MW-8 proposed. Work Plan stamped Reviewed/Accepted For the Record 11/23/2022.
3/30/2022	nAUTOfAB000205 (Case # 3RP-407), Application ID 94268	Stantec 2021 Annual Report (for EPCGPC)	Semi-annual groundwater sampling, LNAPL recovery. Report stamped Reviewed 11/22/2023.
1/26/2023	nAUTOfAB000205 (Case # 3RP-407), Application ID 180013	Monitoring Well Replacement Work Plan	Replacement of MW-1. Work Plan stamped Accepted 5/19/23.
3/22/2023	nAUTOfAB000205 (Case # 3RP-407), Application ID 200894	Stantec 2022 Annual Report (for EPCGPC)	Semi-annual groundwater sampling. Report is online and stamped Received 3/27/2023.
3/21/2024	nAUTOfAB000205 (Case # 3RP-407), Application ID 325367	Stantec 2023 Annual Report (for EPCGPC)	Semi-annual groundwater sampling. Report accepted by NMOCD on 7/1/2024.

**Appendix A
Site History
Gallegos Canyon Unit #124E
San Juan River Basin, New Mexico**

<i>Date</i>	<i>Source (Regulatory File #)</i>	<i>Event/Action</i>	<i>Description/Comments</i>
3/20/2025	nAUTOfAB000205 (Case # 3RP-407), Approval ID 444192	Stantec 2024 Annual Report (for EPCGPC)	Semi-annual groundwater sampling. Report accepted by NMOCD on 9/3/2025.

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

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

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

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [Varsa, Steve](#)
To: nnepawq@frontiernet.net
Subject: Stantec - Notice of upcoming activities (GCU 124E)
Date: Wednesday, March 19, 2025 1:08:04 PM

Hi Mr. Austin – on behalf of El Paso CGP Company, Stantec will be on-site at the Gallegos Canyon Unit #124E site to conduct routine quarterly groundwater sampling on Tuesday, March 26, 2025.

Thank you,
Steve

Stephen Varsa, P.G.

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

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From: [Varsa, Steve](#)
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 NMOCED 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

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From: [Varsa, Steve](#)
To: [Nn epa Water Quality](#)
Subject: Stantec - Notice of upcoming activities (GCU 124E)
Date: Tuesday, May 13, 2025 10:55:26 AM

Hi Mr. Austin – on behalf of El Paso CGP Company, Stantec will be on-site at the Gallegos Canyon Unit #124E site to conduct routine quarterly groundwater sampling on Tuesday, May 20, 2025.

Thank you,
Steve

Stephen Varsa, P.G.

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

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From: OCDOnline@state.nm.us
To: [Varsa, Steve](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 487753
Date: Wednesday, July 30, 2025 5:50:57 AM

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#) nAUTOfAB000205.

The sampling event is expected to take place:

When: 08/05/2025 @ 08:00

Where: N-35-28N-12W 0 FNL 0 FEL (36.614105,-108.083662)

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 Gallegos Canyon Unit #124E site. The site is located at Lat: 36.614105; Long: -107.75382.

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

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: [Varsa, Steve](#)
To: nnepawq@frontiernet.net
Subject: Stantec - Notice of upcoming activities (GCU 124E)
Date: Wednesday, July 30, 2025 8:27:10 PM

Hi Mr. Austin –

On behalf of El Paso CGP Company (EPCGP), Stantec will be on-site at the Gallegos Canyon Unit #124E site to conduct routine quarterly groundwater sampling on Tuesday, August 5, 2025. Please note this is the final sampling event before EPCGP is expected to request approval for no further remedial actions at this site.

Thank you,
Steve

Stephen Varsa, P.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

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

APPENDIX C



AGUA MOSS, LLC

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

CUSTOMER: El Paso CIP
Canada Mesa #2, Gallegos Canyon Unit #124E, K-27 LDO72 Knight #1

LOCATION: Fields A #7A, Fogelson 4-1, State Gas Com N #1, Johnston Federal #4
Johnston Federal #6A, James F. Bell, Lateral L-40

ORDERED BY: Joe Wiley

DELIVERED BY: Stantec TICKET#: _____

PRODUCT: 4100 4101 4102 4105 4110 4115 _____

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

SUBTOTAL: _____	SUB TOTAL		
	STATE TAX		
	TOTAL		

NO. 358975

DRIVERS SIGNATURE: Sean R Clary

AGUA MOSS, LLC

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

CUSTOMER: El Paso CGP Gallegos Canyon Unit #142E,
Sandoval GLA #1A, Standard Oil com #1
LOCATION: Canada mesa #2, Gallegos Canyon Unit #124E
K-27 40072, Knight #1, Fields A #7A, Fogelson 4-0
State Gas Com #1, Johnston Federal #4, Johnston
ORDERED BY: Joe Wiley James F Bell #E, Lateral Federal #6
L-40
DELIVERED BY: Sean Clary (stated) TICKET#: _____

PRODUCT: 4100 4101 4102 4105 4110 4115 _____

	BARRELS	DESCRIPTION	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 at 8:22

CUSTOMER: El Paso C/P Company, LLC

LOCATION: Canada Mesa #6, Gulliges Canyon Unit #124, K-27 LD 72, Knibb #1
Fields #7A, Englem 4-1, Stake yard cont. V#1, Timberline Field #49
Sumner #Bell #10, Lohr #10

ORDERED BY: Joe Wiley

DELIVERED BY: Sean Clary (Starter) TICKET#: _____

PRODUCT: 4100 4101 4102 4105 4110 4115 _____

BARRELS	DESCRIPTION	UNIT PRICE	AMOUNT
1	groundwater + CNAPL		
2			
3			
4			
5			
6			
7			
8			
9			
10			

SUBTOTAL: _____	SUB TOTAL		
	STATE TAX		
	TOTAL		

NO. 367563

DRIVERS SIGNATURE: Sean R Clary

APPENDIX D





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/9/2025 3:03:09 AM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-273108-1

Eurofins Pensacola
 3355 McLemore Drive
 Pensacola FL 32514



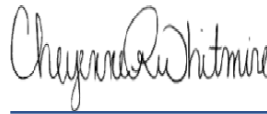
Eurofins Pensacola

Job Notes

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

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

Authorization



Generated
4/9/2025 3:03:09 AM

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

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Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Laboratory Job ID: 400-273108-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Job ID: 400-273108-1

Eurofins Pensacola

Job Narrative 400-273108-1

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 3/26/2025 9:30 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 1.2°C.

GC/MS VOA

Method 8260D: One of four surrogate recoveries for the following samples were outside the upper control limit: MW-3 (400-273108-4), MW-4 (400-273108-5) and MW-5 (400-273108-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

GC/MS Semi VOA

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

Eurofins Pensacola



Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: TB-01 **Lab Sample ID: 400-273108-1**

No Detections.

Client Sample ID: DUP-01 **Lab Sample ID: 400-273108-2**

No Detections.

Client Sample ID: MW-1R **Lab Sample ID: 400-273108-3**

No Detections.

Client Sample ID: MW-3 **Lab Sample ID: 400-273108-4**

No Detections.

Client Sample ID: MW-4 **Lab Sample ID: 400-273108-5**

No Detections.

Client Sample ID: MW-5 **Lab Sample ID: 400-273108-6**

No Detections.

Client Sample ID: MW-6 **Lab Sample ID: 400-273108-7**

No Detections.

Client Sample ID: MW-7 **Lab Sample ID: 400-273108-8**

No Detections.

Client Sample ID: MW-8 **Lab Sample ID: 400-273108-9**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
3511	Microextraction of Organic Compounds	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

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Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-273108-1	TB-01	Water	03/25/25 08:20	03/26/25 09:30
400-273108-2	DUP-01	Water	03/25/25 00:00	03/26/25 09:30
400-273108-3	MW-1R	Water	03/25/25 08:45	03/26/25 09:30
400-273108-4	MW-3	Water	03/25/25 09:00	03/26/25 09:30
400-273108-5	MW-4	Water	03/25/25 09:10	03/26/25 09:30
400-273108-6	MW-5	Water	03/25/25 09:20	03/26/25 09:30
400-273108-7	MW-6	Water	03/25/25 09:30	03/26/25 09:30
400-273108-8	MW-7	Water	03/25/25 09:35	03/26/25 09:30
400-273108-9	MW-8	Water	03/25/25 09:40	03/26/25 09:30

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: TB-01

Lab Sample ID: 400-273108-1

Date Collected: 03/25/25 08:20

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 12:45	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 12:45	1
Toluene	<1.0		1.0		ug/L			04/07/25 12:45	1
Xylenes, Total	<10		10		ug/L			04/07/25 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	73		56 - 136		04/07/25 12:45	1
Dibromofluoromethane	119		79 - 130		04/07/25 12:45	1
Toluene-d8 (Surr)	94		64 - 132		04/07/25 12:45	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: DUP-01

Lab Sample ID: 400-273108-2

Date Collected: 03/25/25 00:00

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 13:06	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 13:06	1
Toluene	<1.0		1.0		ug/L			04/07/25 13:06	1
Xylenes, Total	<10		10		ug/L			04/07/25 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	71		56 - 136					04/07/25 13:06	1
Dibromofluoromethane	121		79 - 130					04/07/25 13:06	1
Toluene-d8 (Surr)	90		64 - 132					04/07/25 13:06	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:04	1
Naphthalene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:04	1
1-Methylnaphthalene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:04	1
2-Methylnaphthalene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	108		15 - 150				04/01/25 13:10	04/02/25 04:04	1
Nitrobenzene-d5	124		50 - 150				04/01/25 13:10	04/02/25 04:04	1
Terphenyl-d14	125		43 - 147				04/01/25 13:10	04/02/25 04:04	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-1R

Lab Sample ID: 400-273108-3

Date Collected: 03/25/25 08:45

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 11:23	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 11:23	1
Toluene	<1.0		1.0		ug/L			04/07/25 11:23	1
Xylenes, Total	<10		10		ug/L			04/07/25 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	74		56 - 136					04/07/25 11:23	1
Dibromofluoromethane	117		79 - 130					04/07/25 11:23	1
Toluene-d8 (Surr)	93		64 - 132					04/07/25 11:23	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:34	1
Naphthalene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:34	1
1-Methylnaphthalene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:34	1
2-Methylnaphthalene	<0.19		0.19		ug/L		04/01/25 13:10	04/02/25 04:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	118		15 - 150				04/01/25 13:10	04/02/25 04:34	1
Nitrobenzene-d5	128		50 - 150				04/01/25 13:10	04/02/25 04:34	1
Terphenyl-d14	135		43 - 147				04/01/25 13:10	04/02/25 04:34	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-3

Lab Sample ID: 400-273108-4

Date Collected: 03/25/25 09:00

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 13:27	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 13:27	1
Toluene	<1.0		1.0		ug/L			04/07/25 13:27	1
Xylenes, Total	<10		10		ug/L			04/07/25 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	69		56 - 136					04/07/25 13:27	1
Dibromofluoromethane	121		79 - 130					04/07/25 13:27	1
Toluene-d8 (Surr)	93		64 - 132					04/07/25 13:27	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-4

Lab Sample ID: 400-273108-5

Date Collected: 03/25/25 09:10

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 13:47	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 13:47	1
Toluene	<1.0		1.0		ug/L			04/07/25 13:47	1
Xylenes, Total	<10		10		ug/L			04/07/25 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	71		56 - 136					04/07/25 13:47	1
Dibromofluoromethane	122		79 - 130					04/07/25 13:47	1
Toluene-d8 (Surr)	89		64 - 132					04/07/25 13:47	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-5

Lab Sample ID: 400-273108-6

Date Collected: 03/25/25 09:20

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 14:08	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 14:08	1
Toluene	<1.0		1.0		ug/L			04/07/25 14:08	1
Xylenes, Total	<10		10		ug/L			04/07/25 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	71		56 - 136		04/07/25 14:08	1
Dibromofluoromethane	121		79 - 130		04/07/25 14:08	1
Toluene-d8 (Surr)	90		64 - 132		04/07/25 14:08	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-6

Lab Sample ID: 400-273108-7

Date Collected: 03/25/25 09:30

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 14:28	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 14:28	1
Toluene	<1.0		1.0		ug/L			04/07/25 14:28	1
Xylenes, Total	<10		10		ug/L			04/07/25 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	76		56 - 136		04/07/25 14:28	1
Dibromofluoromethane	118		79 - 130		04/07/25 14:28	1
Toluene-d8 (Surr)	91		64 - 132		04/07/25 14:28	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-7

Lab Sample ID: 400-273108-8

Date Collected: 03/25/25 09:35

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 14:49	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 14:49	1
Toluene	<1.0		1.0		ug/L			04/07/25 14:49	1
Xylenes, Total	<10		10		ug/L			04/07/25 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	68		56 - 136		04/07/25 14:49	1
Dibromofluoromethane	122		79 - 130		04/07/25 14:49	1
Toluene-d8 (Surr)	92		64 - 132		04/07/25 14:49	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-8

Lab Sample ID: 400-273108-9

Date Collected: 03/25/25 09:40

Matrix: Water

Date Received: 03/26/25 09:30

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			04/07/25 15:10	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 15:10	1
Toluene	<1.0		1.0		ug/L			04/07/25 15:10	1
Xylenes, Total	<10		10		ug/L			04/07/25 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	70		56 - 136					04/07/25 15:10	1
Dibromofluoromethane	121		79 - 130					04/07/25 15:10	1
Toluene-d8 (Surr)	93		64 - 132					04/07/25 15:10	1

Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: TB-01

Lab Sample ID: 400-273108-1

Date Collected: 03/25/25 08:20

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 12:45	CAR	EET PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-273108-2

Date Collected: 03/25/25 00:00

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 13:06	CAR	EET PEN
Total/NA	Prep	3511			31 mL	2 mL	704205	04/01/25 13:10	RAW	EET PEN
Total/NA	Analysis	8270E		1			704262	04/02/25 04:04	JAW	EET PEN

Client Sample ID: MW-1R

Lab Sample ID: 400-273108-3

Date Collected: 03/25/25 08:45

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 11:23	CAR	EET PEN
Total/NA	Prep	3511			31.2 mL	2 mL	704205	04/01/25 13:10	RAW	EET PEN
Total/NA	Analysis	8270E		1			704262	04/02/25 04:34	JAW	EET PEN

Client Sample ID: MW-3

Lab Sample ID: 400-273108-4

Date Collected: 03/25/25 09:00

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 13:27	CAR	EET PEN

Client Sample ID: MW-4

Lab Sample ID: 400-273108-5

Date Collected: 03/25/25 09:10

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 13:47	CAR	EET PEN

Client Sample ID: MW-5

Lab Sample ID: 400-273108-6

Date Collected: 03/25/25 09:20

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 14:08	CAR	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: MW-6

Lab Sample ID: 400-273108-7

Date Collected: 03/25/25 09:30

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 14:28	CAR	EET PEN

Client Sample ID: MW-7

Lab Sample ID: 400-273108-8

Date Collected: 03/25/25 09:35

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 14:49	CAR	EET PEN

Client Sample ID: MW-8

Lab Sample ID: 400-273108-9

Date Collected: 03/25/25 09:40

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 15:10	CAR	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-704205/1-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	704205	04/01/25 13:09	RAW	EET PEN
Total/NA	Analysis	8270E		1			704225	04/01/25 22:56	KJA	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-704801/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	704801	04/07/25 10:42	CAR	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-704205/2-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	704205	04/01/25 13:09	RAW	EET PEN
Total/NA	Analysis	8270E		1			704225	04/01/25 23:27	KJA	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-704801/1002

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	704801	04/07/25 09:44	CAR	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-704205/3-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	704205	04/01/25 13:09	RAW	EET PEN
Total/NA	Analysis	8270E		1			704225	04/01/25 23:57	KJA	EET PEN

Client Sample ID: MW-1R

Lab Sample ID: 400-273108-3 MS

Date Collected: 03/25/25 08:45

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 11:44	CAR	EET PEN

Client Sample ID: MW-1R

Lab Sample ID: 400-273108-3 MSD

Date Collected: 03/25/25 08:45

Matrix: Water

Date Received: 03/26/25 09:30

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	704801	04/07/25 12:04	CAR	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: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

GC/MS VOA

Analysis Batch: 704801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-273108-1	TB-01	Total/NA	Water	8260D	
400-273108-2	DUP-01	Total/NA	Water	8260D	
400-273108-3	MW-1R	Total/NA	Water	8260D	
400-273108-4	MW-3	Total/NA	Water	8260D	
400-273108-5	MW-4	Total/NA	Water	8260D	
400-273108-6	MW-5	Total/NA	Water	8260D	
400-273108-7	MW-6	Total/NA	Water	8260D	
400-273108-8	MW-7	Total/NA	Water	8260D	
400-273108-9	MW-8	Total/NA	Water	8260D	
MB 400-704801/5	Method Blank	Total/NA	Water	8260D	
LCS 400-704801/1002	Lab Control Sample	Total/NA	Water	8260D	
400-273108-3 MS	MW-1R	Total/NA	Water	8260D	
400-273108-3 MSD	MW-1R	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 704205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-273108-2	DUP-01	Total/NA	Water	3511	
400-273108-3	MW-1R	Total/NA	Water	3511	
MB 400-704205/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-704205/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-704205/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 704225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-704205/1-A	Method Blank	Total/NA	Water	8270E	704205
LCS 400-704205/2-A	Lab Control Sample	Total/NA	Water	8270E	704205
LCSD 400-704205/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	704205

Analysis Batch: 704262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-273108-2	DUP-01	Total/NA	Water	8270E	704205
400-273108-3	MW-1R	Total/NA	Water	8270E	704205

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QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

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

Lab Sample ID: MB 400-704801/5
Matrix: Water
Analysis Batch: 704801

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			04/07/25 10:42	1
Ethylbenzene	<1.0		1.0		ug/L			04/07/25 10:42	1
Toluene	<1.0		1.0		ug/L			04/07/25 10:42	1
Xylenes, Total	<10		10		ug/L			04/07/25 10:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	71		56 - 136		04/07/25 10:42	1
Dibromofluoromethane	121		79 - 130		04/07/25 10:42	1
Toluene-d8 (Surr)	91		64 - 132		04/07/25 10:42	1

Lab Sample ID: LCS 400-704801/1002
Matrix: Water
Analysis Batch: 704801

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	45.1		ug/L		90	70 - 130
m-Xylene & p-Xylene	50.0	47.2		ug/L		94	70 - 130
o-Xylene	50.0	46.7		ug/L		93	70 - 130
Ethylbenzene	50.0	50.8		ug/L		102	70 - 130
Toluene	50.0	43.2		ug/L		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	140		59 - 146
4-Bromofluorobenzene	76		56 - 136
Dibromofluoromethane	111		79 - 130
Toluene-d8 (Surr)	92		64 - 132

Lab Sample ID: 400-273108-3 MS
Matrix: Water
Analysis Batch: 704801

Client Sample ID: MW-1R
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	44.7		ug/L		89	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	44.0		ug/L		88	57 - 130
o-Xylene	<5.0		50.0	45.6		ug/L		91	61 - 130
Ethylbenzene	<1.0		50.0	44.5		ug/L		89	58 - 131
Toluene	<1.0		50.0	42.9		ug/L		86	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	142		59 - 146
4-Bromofluorobenzene	76		56 - 136
Dibromofluoromethane	109		79 - 130
Toluene-d8 (Surr)	92		64 - 132

QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

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

Lab Sample ID: 400-273108-3 MSD
 Matrix: Water
 Analysis Batch: 704801

Client Sample ID: MW-1R
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<1.0		50.0	43.5		ug/L		87	56 - 142	3	30
m-Xylene & p-Xylene	<5.0		50.0	41.6		ug/L		83	57 - 130	6	30
o-Xylene	<5.0		50.0	42.8		ug/L		86	61 - 130	6	30
Ethylbenzene	<1.0		50.0	41.7		ug/L		83	58 - 131	7	30
Toluene	<1.0		50.0	41.3		ug/L		83	65 - 130	4	30
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	144		59 - 146								
4-Bromofluorobenzene	77		56 - 136								
Dibromofluoromethane	111		79 - 130								
Toluene-d8 (Surr)	91		64 - 132								

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 400-704205/1-A
 Matrix: Water
 Analysis Batch: 704225

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 704205

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		04/01/25 13:09	04/01/25 22:56	1
Naphthalene	<0.20		0.20		ug/L		04/01/25 13:09	04/01/25 22:56	1
1-Methylnaphthalene	<0.20		0.20		ug/L		04/01/25 13:09	04/01/25 22:56	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/01/25 13:09	04/01/25 22:56	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	119		15 - 150				04/01/25 13:09	04/01/25 22:56	1
Nitrobenzene-d5	145		50 - 150				04/01/25 13:09	04/01/25 22:56	1
Terphenyl-d14	126		43 - 147				04/01/25 13:09	04/01/25 22:56	1

Lab Sample ID: LCS 400-704205/2-A
 Matrix: Water
 Analysis Batch: 704225

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 704205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	25.0	18.1		ug/L		72	53 - 134
Naphthalene	25.0	15.9		ug/L		64	31 - 122
1-Methylnaphthalene	25.0	16.8		ug/L		67	36 - 117
2-Methylnaphthalene	25.0	16.9		ug/L		68	31 - 115
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
2-Fluorobiphenyl	109		15 - 150				
Nitrobenzene-d5	127		50 - 150				
Terphenyl-d14	107		43 - 147				

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 400-704205/3-A
 Matrix: Water
 Analysis Batch: 704225

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 704205

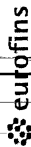
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	RPD	Limit
Benzo[a]pyrene	25.0	18.8		ug/L		75	53 - 134	4	40	
Naphthalene	25.0	16.4		ug/L		66	31 - 122	3	40	
1-Methylnaphthalene	25.0	17.3		ug/L		69	36 - 117	3	40	
2-Methylnaphthalene	25.0	17.5		ug/L		70	31 - 115	3	40	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	115		15 - 150
Nitrobenzene-d5	128		50 - 150
Terphenyl-d14	116		43 - 147

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

Chain of Custody Record



Environment Testing

Client Information		Sampler: Sean Clary		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s): 400-139063-41346.1	
Client Contact: Joe Wiley		Phone: 913 980 0281		E-Mail: Cheyenne.Whitmire@et.eurofins.com		Page: Page 1 of 7	
Company: EI Paso Energy Corporation		FWSID:		Analysis Requested		Job #: /	
Address: 1001 Louisiana Street Room S1905B		Due Date Requested:		8260D - BTEX - 8260		Preservation Codes: A - HCL N - None	
City: Houston		TAT Requested (days): Standard		8270E - SIM - Project Specific PAHs		Barcode	
State, Zip: TX, 77002		Compliance Project: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Special Instructions/Note:		400-273108 Chain of Custody	
Phone: WD1040034		PO #: WD1040034		Special Instructions/Note:		Special Instructions/Note:	
Email: joe.wiley@kindermorgan.com		WO #: GCU#124_ERG_ARF_03-10-2025		Special Instructions/Note:		Special Instructions/Note:	
Project Name: Gallegos Canyon Unit #124E.00		Project #: 40015823		Special Instructions/Note:		Special Instructions/Note:	
Site:		SSOW#:		Special Instructions/Note:		Special Instructions/Note:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soil, Gas, Other)	Analysis Requested
TB-01	3/25/2025	0820	G	Water	X
DUP-01	3/25/2025		G	Water	X
MW-1R	3/25/2025	0845	G	Water	X
MW-3	3/25/2025	0900	G	Water	X
MW-4	3/25/2025	0916	G	Water	X
MW-5	3/25/2025	0920	G	Water	X
MW-6	3/25/2025	0930	G	Water	X
MW-7	3/25/2025	0935	G	Water	X
MW-8	3/25/2025	0940	G	Water	X
				Water	
				Water	

SAC

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, IV, Other (specify)

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: Sean Clary Date: 3/25/2025 1540
 Relinquished by: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____

Custody Seals Intact: Yes No
 Cooler Temperature(s) °C and Other Remarks: 112°C IB 1/1

Ver: 10/10/2024



Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-273108-1

Login Number: 273108

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-273108-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-25
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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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/6/2025 4:36:08 PM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-276394-1

Eurofins Pensacola
 3355 McLemore Drive
 Pensacola FL 32514



Eurofins Pensacola

Job Notes

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

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

Authorization



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Authorized for release by
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(850)471-6222

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Laboratory Job ID: 400-276394-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Job ID: 400-276394-1

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Job Narrative 400-276394-1

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 5/22/2025 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 2.0°C.

GC/MS VOA

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

GC/MS Semi VOA

Method 8270E_LL_QQQ: The continuing calibration verification (CCV) associated with batch 400-710755 recovered outside acceptance criteria, low biased, for Benzo[a]pyrene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

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Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-1R **Lab Sample ID: 400-276394-1**

No Detections.

Client Sample ID: MW-3 **Lab Sample ID: 400-276394-2**

No Detections.

Client Sample ID: MW-4 **Lab Sample ID: 400-276394-3**

No Detections.

Client Sample ID: MW-5 **Lab Sample ID: 400-276394-4**

No Detections.

Client Sample ID: MW-6 **Lab Sample ID: 400-276394-5**

No Detections.

Client Sample ID: MW-7 **Lab Sample ID: 400-276394-6**

No Detections.

Client Sample ID: MW-8 **Lab Sample ID: 400-276394-7**

No Detections.

Client Sample ID: TB-01 **Lab Sample ID: 400-276394-8**

No Detections.

Client Sample ID: DUP-01 **Lab Sample ID: 400-276394-9**

No Detections.

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This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
3511	Microextraction of Organic Compounds	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

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Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-276394-1	MW-1R	Water	05/21/25 08:30	05/22/25 09:45
400-276394-2	MW-3	Water	05/21/25 08:47	05/22/25 09:45
400-276394-3	MW-4	Water	05/21/25 08:55	05/22/25 09:45
400-276394-4	MW-5	Water	05/21/25 09:02	05/22/25 09:45
400-276394-5	MW-6	Water	05/21/25 09:08	05/22/25 09:45
400-276394-6	MW-7	Water	05/21/25 09:14	05/22/25 09:45
400-276394-7	MW-8	Water	05/21/25 09:20	05/22/25 09:45
400-276394-8	TB-01	Water	05/21/25 08:15	05/22/25 09:45
400-276394-9	DUP-01	Water	05/21/25 00:00	05/22/25 09:45

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Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-1R

Lab Sample ID: 400-276394-1

Date Collected: 05/21/25 08:30

Matrix: Water

Date Received: 05/22/25 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			06/03/25 14:49	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 14:49	1
Toluene	<1.0		1.0		ug/L			06/03/25 14:49	1
Xylenes, Total	<10		10		ug/L			06/03/25 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		56 - 136		06/03/25 14:49	1
Dibromofluoromethane	102		79 - 130		06/03/25 14:49	1
Toluene-d8 (Surr)	102		64 - 132		06/03/25 14:49	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 22:39	1
Naphthalene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 22:39	1
1-Methylnaphthalene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 22:39	1
2-Methylnaphthalene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		15 - 150	05/28/25 07:00	05/29/25 22:39	1
Nitrobenzene-d5	79		50 - 150	05/28/25 07:00	05/29/25 22:39	1
Terphenyl-d14	84		43 - 147	05/28/25 07:00	05/29/25 22:39	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-3

Lab Sample ID: 400-276394-2

Date Collected: 05/21/25 08:47

Matrix: Water

Date Received: 05/22/25 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			06/03/25 15:14	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 15:14	1
Toluene	<1.0		1.0		ug/L			06/03/25 15:14	1
Xylenes, Total	<10		10		ug/L			06/03/25 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		56 - 136		06/03/25 15:14	1
Dibromofluoromethane	103		79 - 130		06/03/25 15:14	1
Toluene-d8 (Surr)	99		64 - 132		06/03/25 15:14	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-4

Lab Sample ID: 400-276394-3

Date Collected: 05/21/25 08:55

Matrix: Water

Date Received: 05/22/25 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			06/03/25 15:40	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 15:40	1
Toluene	<1.0		1.0		ug/L			06/03/25 15:40	1
Xylenes, Total	<10		10		ug/L			06/03/25 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		06/03/25 15:40	1
Dibromofluoromethane	107		79 - 130		06/03/25 15:40	1
Toluene-d8 (Surr)	105		64 - 132		06/03/25 15:40	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-5

Lab Sample ID: 400-276394-4

Date Collected: 05/21/25 09:02

Matrix: Water

Date Received: 05/22/25 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			06/03/25 16:05	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 16:05	1
Toluene	<1.0		1.0		ug/L			06/03/25 16:05	1
Xylenes, Total	<10		10		ug/L			06/03/25 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		06/03/25 16:05	1
Dibromofluoromethane	104		79 - 130		06/03/25 16:05	1
Toluene-d8 (Surr)	102		64 - 132		06/03/25 16:05	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-6

Lab Sample ID: 400-276394-5

Date Collected: 05/21/25 09:08

Matrix: Water

Date Received: 05/22/25 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			06/03/25 16:30	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 16:30	1
Toluene	<1.0		1.0		ug/L			06/03/25 16:30	1
Xylenes, Total	<10		10		ug/L			06/03/25 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		06/03/25 16:30	1
Dibromofluoromethane	106		79 - 130		06/03/25 16:30	1
Toluene-d8 (Surr)	105		64 - 132		06/03/25 16:30	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-7

Lab Sample ID: 400-276394-6

Date Collected: 05/21/25 09:14

Matrix: Water

Date Received: 05/22/25 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			06/03/25 16:55	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 16:55	1
Toluene	<1.0		1.0		ug/L			06/03/25 16:55	1
Xylenes, Total	<10		10		ug/L			06/03/25 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		06/03/25 16:55	1
Dibromofluoromethane	104		79 - 130		06/03/25 16:55	1
Toluene-d8 (Surr)	104		64 - 132		06/03/25 16:55	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-8

Lab Sample ID: 400-276394-7

Date Collected: 05/21/25 09:20

Matrix: Water

Date Received: 05/22/25 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			06/03/25 17:20	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 17:20	1
Toluene	<1.0		1.0		ug/L			06/03/25 17:20	1
Xylenes, Total	<10		10		ug/L			06/03/25 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		56 - 136		06/03/25 17:20	1
Dibromofluoromethane	105		79 - 130		06/03/25 17:20	1
Toluene-d8 (Surr)	100		64 - 132		06/03/25 17:20	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: TB-01

Lab Sample ID: 400-276394-8

Date Collected: 05/21/25 08:15

Matrix: Water

Date Received: 05/22/25 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			06/04/25 08:03	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/25 08:03	1
Toluene	<1.0		1.0		ug/L			06/04/25 08:03	1
Xylenes, Total	<10		10		ug/L			06/04/25 08:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		06/04/25 08:03	1
Dibromofluoromethane	110		79 - 130		06/04/25 08:03	1
Toluene-d8 (Surr)	101		64 - 132		06/04/25 08:03	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: DUP-01

Lab Sample ID: 400-276394-9

Date Collected: 05/21/25 00:00

Matrix: Water

Date Received: 05/22/25 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			06/03/25 17:45	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 17:45	1
Toluene	<1.0		1.0		ug/L			06/03/25 17:45	1
Xylenes, Total	<10		10		ug/L			06/03/25 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		06/03/25 17:45	1
Dibromofluoromethane	104		79 - 130		06/03/25 17:45	1
Toluene-d8 (Surr)	101		64 - 132		06/03/25 17:45	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.19		0.19		ug/L		05/28/25 07:00	05/29/25 23:14	1
Naphthalene	<0.19		0.19		ug/L		05/28/25 07:00	05/29/25 23:14	1
1-Methylnaphthalene	<0.19		0.19		ug/L		05/28/25 07:00	05/29/25 23:14	1
2-Methylnaphthalene	<0.19		0.19		ug/L		05/28/25 07:00	05/29/25 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		15 - 150	05/28/25 07:00	05/29/25 23:14	1
Nitrobenzene-d5	77		50 - 150	05/28/25 07:00	05/29/25 23:14	1
Terphenyl-d14	76		43 - 147	05/28/25 07:00	05/29/25 23:14	1

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Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: MW-1R

Lab Sample ID: 400-276394-1

Date Collected: 05/21/25 08:30

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 14:49	WPD	EET PEN
Total/NA	Prep	3511			30 mL	2 mL	710638	05/28/25 07:00	EJW	EET PEN
Total/NA	Analysis	8270E		1			710735	05/29/25 22:39	KJA	EET PEN

Client Sample ID: MW-3

Lab Sample ID: 400-276394-2

Date Collected: 05/21/25 08:47

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 15:14	WPD	EET PEN

Client Sample ID: MW-4

Lab Sample ID: 400-276394-3

Date Collected: 05/21/25 08:55

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 15:40	WPD	EET PEN

Client Sample ID: MW-5

Lab Sample ID: 400-276394-4

Date Collected: 05/21/25 09:02

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 16:05	WPD	EET PEN

Client Sample ID: MW-6

Lab Sample ID: 400-276394-5

Date Collected: 05/21/25 09:08

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 16:30	WPD	EET PEN

Client Sample ID: MW-7

Lab Sample ID: 400-276394-6

Date Collected: 05/21/25 09:14

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 16:55	WPD	EET PEN

Client Sample ID: MW-8

Lab Sample ID: 400-276394-7

Date Collected: 05/21/25 09:20

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 17:20	WPD	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: TB-01

Lab Sample ID: 400-276394-8

Date Collected: 05/21/25 08:15

Matrix: Water

Date Received: 05/22/25 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	711423	06/04/25 08:03	WPD	EET PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-276394-9

Date Collected: 05/21/25 00:00

Matrix: Water

Date Received: 05/22/25 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	711236	06/03/25 17:45	WPD	EET PEN
Total/NA	Prep	3511			30.9 mL	2 mL	710638	05/28/25 07:00	EJW	EET PEN
Total/NA	Analysis	8270E		1			710735	05/29/25 23:14	KJA	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-710638/1-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	710638	05/28/25 07:00	EJW	EET PEN
Total/NA	Analysis	8270E		1			710755	05/29/25 10:49	JAW	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711236/4

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711236	06/03/25 07:40	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-711423/4

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711423	06/04/25 07:37	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-710638/2-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	710638	05/28/25 07:00	EJW	EET PEN
Total/NA	Analysis	8270E		1			710755	05/29/25 11:20	JAW	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-711236/1002

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711236	06/03/25 06:43	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-711423/1002

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	711423	06/04/25 06:39	WPD	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-710638/3-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	710638	05/28/25 07:00	EJW	EET PEN
Total/NA	Analysis	8270E		1			710755	05/29/25 11:51	JAW	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: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

GC/MS VOA

Analysis Batch: 711236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276394-1	MW-1R	Total/NA	Water	8260D	
400-276394-2	MW-3	Total/NA	Water	8260D	
400-276394-3	MW-4	Total/NA	Water	8260D	
400-276394-4	MW-5	Total/NA	Water	8260D	
400-276394-5	MW-6	Total/NA	Water	8260D	
400-276394-6	MW-7	Total/NA	Water	8260D	
400-276394-7	MW-8	Total/NA	Water	8260D	
400-276394-9	DUP-01	Total/NA	Water	8260D	
MB 400-711236/4	Method Blank	Total/NA	Water	8260D	
LCS 400-711236/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 711423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276394-8	TB-01	Total/NA	Water	8260D	
MB 400-711423/4	Method Blank	Total/NA	Water	8260D	
LCS 400-711423/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 710638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276394-1	MW-1R	Total/NA	Water	3511	
400-276394-9	DUP-01	Total/NA	Water	3511	
MB 400-710638/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-710638/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-710638/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 710735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-276394-1	MW-1R	Total/NA	Water	8270E	710638
400-276394-9	DUP-01	Total/NA	Water	8270E	710638

Analysis Batch: 710755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-710638/1-A	Method Blank	Total/NA	Water	8270E	710638
LCS 400-710638/2-A	Lab Control Sample	Total/NA	Water	8270E	710638
LCSD 400-710638/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	710638

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QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

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

Lab Sample ID: MB 400-711236/4
 Matrix: Water
 Analysis Batch: 711236

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			06/03/25 07:40	1
Ethylbenzene	<1.0		1.0		ug/L			06/03/25 07:40	1
Toluene	<1.0		1.0		ug/L			06/03/25 07:40	1
Xylenes, Total	<10		10		ug/L			06/03/25 07:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		56 - 136		06/03/25 07:40	1
Dibromofluoromethane	110		79 - 130		06/03/25 07:40	1
Toluene-d8 (Surr)	98		64 - 132		06/03/25 07:40	1

Lab Sample ID: LCS 400-711236/1002
 Matrix: Water
 Analysis Batch: 711236

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.5		ug/L		89	70 - 130
m-Xylene & p-Xylene	50.0	52.1		ug/L		104	70 - 130
o-Xylene	50.0	51.4		ug/L		103	70 - 130
Ethylbenzene	50.0	49.8		ug/L		100	70 - 130
Toluene	50.0	45.3		ug/L		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		59 - 146
4-Bromofluorobenzene	111		56 - 136
Dibromofluoromethane	90		79 - 130
Toluene-d8 (Surr)	103		64 - 132

Lab Sample ID: MB 400-711423/4
 Matrix: Water
 Analysis Batch: 711423

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			06/04/25 07:37	1
Ethylbenzene	<1.0		1.0		ug/L			06/04/25 07:37	1
Toluene	<1.0		1.0		ug/L			06/04/25 07:37	1
Xylenes, Total	<10		10		ug/L			06/04/25 07:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		56 - 136		06/04/25 07:37	1
Dibromofluoromethane	104		79 - 130		06/04/25 07:37	1
Toluene-d8 (Surr)	102		64 - 132		06/04/25 07:37	1

Lab Sample ID: LCS 400-711423/1002
 Matrix: Water
 Analysis Batch: 711423

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.0		ug/L		88	70 - 130

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QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

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

Lab Sample ID: LCS 400-711423/1002
 Matrix: Water
 Analysis Batch: 711423

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	52.2		ug/L		104	70 - 130
o-Xylene	50.0	52.3		ug/L		105	70 - 130
Ethylbenzene	50.0	50.3		ug/L		101	70 - 130
Toluene	50.0	45.6		ug/L		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	81		59 - 146
4-Bromofluorobenzene	109		56 - 136
Dibromofluoromethane	88		79 - 130
Toluene-d8 (Surr)	103		64 - 132

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 400-710638/1-A
 Matrix: Water
 Analysis Batch: 710755

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 710638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 10:49	1
Naphthalene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 10:49	1
1-Methylnaphthalene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 10:49	1
2-Methylnaphthalene	<0.20		0.20		ug/L		05/28/25 07:00	05/29/25 10:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	86		15 - 150	05/28/25 07:00	05/29/25 10:49	1
Nitrobenzene-d5	90		50 - 150	05/28/25 07:00	05/29/25 10:49	1
Terphenyl-d14	74		43 - 147	05/28/25 07:00	05/29/25 10:49	1

Lab Sample ID: LCS 400-710638/2-A
 Matrix: Water
 Analysis Batch: 710755

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 710638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	50.0	39.4		ug/L		79	29 - 120
Naphthalene	50.0	39.7		ug/L		79	27 - 110
1-Methylnaphthalene	50.0	36.8		ug/L		74	25 - 120
2-Methylnaphthalene	50.0	36.0		ug/L		72	24 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	80		15 - 150
Nitrobenzene-d5	85		50 - 150
Terphenyl-d14	62		43 - 147

Eurofins Pensacola

QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 400-710638/3-A
Matrix: Water
Analysis Batch: 710755

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 710638

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD
							Limits	RPD	
Benzo[a]pyrene	50.0	39.1		ug/L		78	29 - 120	1	40
Naphthalene	50.0	38.3		ug/L		77	27 - 110	4	40
1-Methylnaphthalene	50.0	36.8		ug/L		74	25 - 120	0	40
2-Methylnaphthalene	50.0	35.5		ug/L		71	24 - 110	2	40

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	84		15 - 150
Nitrobenzene-d5	90		50 - 150
Terphenyl-d14	65		43 - 147

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Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-276394-1

Login Number: 276394

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	2.0°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.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-276394-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-25
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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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/20/2025 3:02:48 AM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-280284-1

Eurofins Pensacola
 3355 McLemore Drive
 Pensacola FL 32514



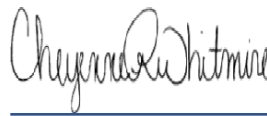
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Job Notes

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

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

Authorization



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8/20/2025 3:02:48 AM

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

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Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Laboratory Job ID: 400-280284-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Job ID: 400-280284-1

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Job Narrative 400-280284-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/6/2025 9:40 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 0.0°C.

GC/MS VOA

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

GC/MS Semi VOA

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

Eurofins Pensacola



Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Client Sample ID: TB-01

Lab Sample ID: 400-280284-1

No Detections.

Client Sample ID: DUP-01

Lab Sample ID: 400-280284-2

No Detections.

Client Sample ID: MW-1R

Lab Sample ID: 400-280284-3

No Detections.

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This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
3511	Microextraction of Organic Compounds	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

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Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-280284-1	TB-01	Water	08/05/25 07:45	08/06/25 09:40	New Mexico
400-280284-2	DUP-01	Water	08/05/25 01:00	08/06/25 09:40	New Mexico
400-280284-3	MW-1R	Water	08/05/25 08:00	08/06/25 09:40	New Mexico

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Client Sample ID: TB-01

Lab Sample ID: 400-280284-1

Date Collected: 08/05/25 07:45

Matrix: Water

Date Received: 08/06/25 09:40

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			08/11/25 15:08	1
Ethylbenzene	<1.0		1.0		ug/L			08/11/25 15:08	1
Toluene	<1.0		1.0		ug/L			08/11/25 15:08	1
Xylenes, Total	<10		10		ug/L			08/11/25 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		56 - 136		08/11/25 15:08	1
Dibromofluoromethane	111		79 - 130		08/11/25 15:08	1
Toluene-d8 (Surr)	94		64 - 132		08/11/25 15:08	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Client Sample ID: DUP-01

Lab Sample ID: 400-280284-2

Date Collected: 08/05/25 01:00

Matrix: Water

Date Received: 08/06/25 09:40

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			08/11/25 17:59	1
Ethylbenzene	<1.0		1.0		ug/L			08/11/25 17:59	1
Toluene	<1.0		1.0		ug/L			08/11/25 17:59	1
Xylenes, Total	<10		10		ug/L			08/11/25 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		56 - 136					08/11/25 17:59	1
Dibromofluoromethane	113		79 - 130					08/11/25 17:59	1
Toluene-d8 (Surr)	93		64 - 132					08/11/25 17:59	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 22:31	1
Naphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 22:31	1
1-Methylnaphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 22:31	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		15 - 150				08/11/25 07:00	08/13/25 22:31	1
Nitrobenzene-d5	87		50 - 150				08/11/25 07:00	08/13/25 22:31	1
Terphenyl-d14	90		43 - 147				08/11/25 07:00	08/13/25 22:31	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Client Sample ID: MW-1R
Date Collected: 08/05/25 08:00
Date Received: 08/06/25 09:40

Lab Sample ID: 400-280284-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			08/11/25 18:23	1
Ethylbenzene	<1.0		1.0		ug/L			08/11/25 18:23	1
Toluene	<1.0		1.0		ug/L			08/11/25 18:23	1
Xylenes, Total	<10		10		ug/L			08/11/25 18:23	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		56 - 136					08/11/25 18:23	1
Dibromofluoromethane	112		79 - 130					08/11/25 18:23	1
Toluene-d8 (Surr)	95		64 - 132					08/11/25 18:23	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 23:05	1
Naphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 23:05	1
1-Methylnaphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 23:05	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/13/25 23:05	1
<hr/>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		15 - 150				08/11/25 07:00	08/13/25 23:05	1
Nitrobenzene-d5	84		50 - 150				08/11/25 07:00	08/13/25 23:05	1
Terphenyl-d14	85		43 - 147				08/11/25 07:00	08/13/25 23:05	1

Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Glossary

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

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Client Sample ID: TB-01

Lab Sample ID: 400-280284-1

Date Collected: 08/05/25 07:45

Matrix: Water

Date Received: 08/06/25 09:40

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	719005	08/11/25 15:08	BPO	EET PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-280284-2

Date Collected: 08/05/25 01:00

Matrix: Water

Date Received: 08/06/25 09:40

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	719005	08/11/25 17:59	BPO	EET PEN
Total/NA	Prep	3511			30.3 mL	2 mL	719004	08/11/25 07:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			719352	08/13/25 22:31	S1B	EET PEN

Client Sample ID: MW-1R

Lab Sample ID: 400-280284-3

Date Collected: 08/05/25 08:00

Matrix: Water

Date Received: 08/06/25 09:40

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	719005	08/11/25 18:23	BPO	EET PEN
Total/NA	Prep	3511			30.6 mL	2 mL	719004	08/11/25 07:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			719352	08/13/25 23:05	S1B	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-719004/1-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	719004	08/11/25 07:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			719116	08/11/25 22:56	VC1	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-719005/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	719005	08/11/25 12:16	BPO	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-719004/2-A

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			30 mL	2 mL	719004	08/11/25 07:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			719116	08/11/25 23:27	VC1	EET PEN

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Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

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

Lab Sample ID: LCS 400-719005/1002
 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	719005	08/11/25 11:11	BPO	EET PEN

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

Lab Sample ID: LCSD 400-719004/3-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	Prep	3511			30 mL	2 mL	719004	08/11/25 07:00	JPH	EET PEN
Total/NA	Analysis	8270E		1			719116	08/11/25 23:57	VC1	EET PEN

Laboratory References:

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

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QC Association Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

GC/MS VOA

Analysis Batch: 719005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-280284-1	TB-01	Total/NA	Water	8260D	
400-280284-2	DUP-01	Total/NA	Water	8260D	
400-280284-3	MW-1R	Total/NA	Water	8260D	
MB 400-719005/5	Method Blank	Total/NA	Water	8260D	
LCS 400-719005/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 719004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-280284-2	DUP-01	Total/NA	Water	3511	
400-280284-3	MW-1R	Total/NA	Water	3511	
MB 400-719004/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-719004/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-719004/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 719116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-719004/1-A	Method Blank	Total/NA	Water	8270E	719004
LCS 400-719004/2-A	Lab Control Sample	Total/NA	Water	8270E	719004
LCSD 400-719004/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	719004

Analysis Batch: 719352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-280284-2	DUP-01	Total/NA	Water	8270E	719004
400-280284-3	MW-1R	Total/NA	Water	8270E	719004

QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

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

Lab Sample ID: MB 400-719005/5
 Matrix: Water
 Analysis Batch: 719005

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			08/11/25 12:16	1
Ethylbenzene	<1.0		1.0		ug/L			08/11/25 12:16	1
Toluene	<1.0		1.0		ug/L			08/11/25 12:16	1
Xylenes, Total	<10		10		ug/L			08/11/25 12:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		56 - 136		08/11/25 12:16	1
Dibromofluoromethane	111		79 - 130		08/11/25 12:16	1
Toluene-d8 (Surr)	95		64 - 132		08/11/25 12:16	1

Lab Sample ID: LCS 400-719005/1002
 Matrix: Water
 Analysis Batch: 719005

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	44.5		ug/L		89	70 - 130
m-Xylene & p-Xylene	50.0	49.8		ug/L		100	70 - 130
o-Xylene	50.0	51.0		ug/L		102	70 - 130
Ethylbenzene	50.0	49.9		ug/L		100	70 - 130
Toluene	50.0	43.6		ug/L		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		59 - 146
4-Bromofluorobenzene	101		56 - 136
Dibromofluoromethane	113		79 - 130
Toluene-d8 (Surr)	95		64 - 132

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 400-719004/1-A
 Matrix: Water
 Analysis Batch: 719116

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 719004

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		08/11/25 07:00	08/11/25 22:56	1
Naphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/11/25 22:56	1
1-Methylnaphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/11/25 22:56	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/11/25 07:00	08/11/25 22:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	117		15 - 150	08/11/25 07:00	08/11/25 22:56	1
Nitrobenzene-d5	134		50 - 150	08/11/25 07:00	08/11/25 22:56	1
Terphenyl-d14	142		43 - 147	08/11/25 07:00	08/11/25 22:56	1

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QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 400-719004/2-A

Matrix: Water

Analysis Batch: 719116

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 719004

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzo[a]pyrene	33.3	42.5		ug/L		128	29 - 150	
Naphthalene	33.3	28.7		ug/L		86	27 - 150	
1-Methylnaphthalene	33.3	34.4		ug/L		103	25 - 150	
2-Methylnaphthalene	33.3	36.6		ug/L		110	24 - 150	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	106		15 - 150
Nitrobenzene-d5	128		50 - 150
Terphenyl-d14	125		43 - 147

Lab Sample ID: LCSD 400-719004/3-A

Matrix: Water

Analysis Batch: 719116

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 719004

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
									RPD	Limit
Benzo[a]pyrene	33.3	44.7		ug/L		134	29 - 150	5	40	
Naphthalene	33.3	31.1		ug/L		93	27 - 150	8	40	
1-Methylnaphthalene	33.3	35.4		ug/L		106	25 - 150	3	40	
2-Methylnaphthalene	33.3	37.8		ug/L		113	24 - 150	3	40	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	110		15 - 150
Nitrobenzene-d5	126		50 - 150
Terphenyl-d14	129		43 - 147

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-280284-1

Login Number: 280284

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 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.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280284-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
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	10-31-25
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	08-14-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-26
Tennessee	State	TN02907	06-30-26
Texas	NELAP	T104704286	09-30-25
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	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-280590-1

Eurofins Pensacola
 3355 McLemore Drive
 Pensacola FL 32514



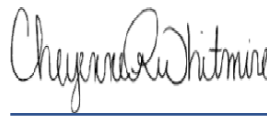
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Job Notes

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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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(850)471-6222

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Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Laboratory Job ID: 400-280590-1

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Case Narrative

Client: Stantec Consulting Services, Inc.
Project: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Job ID: 400-280590-1

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Job Narrative 400-280590-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/9/2025 9:07 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 0.1°C.

GC/MS VOA

Method 8260D: One of three internal standard responses was outside of acceptance limits for the following samples: DUP-02 (400-280590-2). The 4-Bromofluorobenzene surrogate was the only analyte quantitated with this internal standard and the percent recoveries were within acceptance criteria. Therefore the data has been reported.

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

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Detection Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: TB-01 **Lab Sample ID: 400-280590-1**

No Detections.

Client Sample ID: DUP-02 **Lab Sample ID: 400-280590-2**

No Detections.

Client Sample ID: MW-3 **Lab Sample ID: 400-280590-3**

No Detections.

Client Sample ID: MW-4 **Lab Sample ID: 400-280590-4**

No Detections.

Client Sample ID: MW-5 **Lab Sample ID: 400-280590-5**

No Detections.

Client Sample ID: MW-6 **Lab Sample ID: 400-280590-6**

No Detections.

Client Sample ID: MW-7 **Lab Sample ID: 400-280590-7**

No Detections.

Client Sample ID: MW-8 **Lab Sample ID: 400-280590-8**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

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

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Sample Summary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-280590-1	TB-01	Water	08/07/25 19:00	08/09/25 09:07	New Mexico
400-280590-2	DUP-02	Water	08/07/25 02:00	08/09/25 09:07	New Mexico
400-280590-3	MW-3	Water	08/07/25 19:29	08/09/25 09:07	New Mexico
400-280590-4	MW-4	Water	08/07/25 19:37	08/09/25 09:07	New Mexico
400-280590-5	MW-5	Water	08/07/25 19:20	08/09/25 09:07	New Mexico
400-280590-6	MW-6	Water	08/07/25 19:45	08/09/25 09:07	New Mexico
400-280590-7	MW-7	Water	08/07/25 19:50	08/09/25 09:07	New Mexico
400-280590-8	MW-8	Water	08/07/25 19:57	08/09/25 09:07	New Mexico

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: TB-01

Lab Sample ID: 400-280590-1

Date Collected: 08/07/25 19:00

Matrix: Water

Date Received: 08/09/25 09:07

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			08/18/25 18:07	1
Ethylbenzene	<1.0		1.0		ug/L			08/18/25 18:07	1
Toluene	<1.0		1.0		ug/L			08/18/25 18:07	1
Xylenes, Total	<10		10		ug/L			08/18/25 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		56 - 136		08/18/25 18:07	1
Dibromofluoromethane	107		79 - 130		08/18/25 18:07	1
Toluene-d8 (Surr)	93		64 - 132		08/18/25 18:07	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: DUP-02

Lab Sample ID: 400-280590-2

Date Collected: 08/07/25 02:00

Matrix: Water

Date Received: 08/09/25 09:07

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			08/18/25 18:32	1
Ethylbenzene	<1.0		1.0		ug/L			08/18/25 18:32	1
Toluene	<1.0		1.0		ug/L			08/18/25 18:32	1
Xylenes, Total	<10		10		ug/L			08/18/25 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110	*3	56 - 136					08/18/25 18:32	1
Dibromofluoromethane	98		79 - 130					08/18/25 18:32	1
Toluene-d8 (Surr)	95		64 - 132					08/18/25 18:32	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-3

Lab Sample ID: 400-280590-3

Date Collected: 08/07/25 19:29

Matrix: Water

Date Received: 08/09/25 09:07

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			08/18/25 18:58	1
Ethylbenzene	<1.0		1.0		ug/L			08/18/25 18:58	1
Toluene	<1.0		1.0		ug/L			08/18/25 18:58	1
Xylenes, Total	<10		10		ug/L			08/18/25 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		56 - 136		08/18/25 18:58	1
Dibromofluoromethane	107		79 - 130		08/18/25 18:58	1
Toluene-d8 (Surr)	96		64 - 132		08/18/25 18:58	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-4

Lab Sample ID: 400-280590-4

Date Collected: 08/07/25 19:37

Matrix: Water

Date Received: 08/09/25 09:07

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			08/18/25 19:23	1
Ethylbenzene	<1.0		1.0		ug/L			08/18/25 19:23	1
Toluene	<1.0		1.0		ug/L			08/18/25 19:23	1
Xylenes, Total	<10		10		ug/L			08/18/25 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		08/18/25 19:23	1
Dibromofluoromethane	105		79 - 130		08/18/25 19:23	1
Toluene-d8 (Surr)	95		64 - 132		08/18/25 19:23	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-5

Lab Sample ID: 400-280590-5

Date Collected: 08/07/25 19:20

Matrix: Water

Date Received: 08/09/25 09:07

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			08/20/25 15:21	1
Ethylbenzene	<1.0		1.0		ug/L			08/20/25 15:21	1
Toluene	<1.0		1.0		ug/L			08/20/25 15:21	1
Xylenes, Total	<10		10		ug/L			08/20/25 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		56 - 136					08/20/25 15:21	1
Dibromofluoromethane	108		79 - 130					08/20/25 15:21	1
Toluene-d8 (Surr)	93		64 - 132					08/20/25 15:21	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-6

Lab Sample ID: 400-280590-6

Date Collected: 08/07/25 19:45

Matrix: Water

Date Received: 08/09/25 09:07

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			08/19/25 20:30	1
Ethylbenzene	<1.0		1.0		ug/L			08/19/25 20:30	1
Toluene	<1.0		1.0		ug/L			08/19/25 20:30	1
Xylenes, Total	<10		10		ug/L			08/19/25 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		08/19/25 20:30	1
Dibromofluoromethane	105		79 - 130		08/19/25 20:30	1
Toluene-d8 (Surr)	94		64 - 132		08/19/25 20:30	1

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Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-7

Lab Sample ID: 400-280590-7

Date Collected: 08/07/25 19:50

Matrix: Water

Date Received: 08/09/25 09:07

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			08/19/25 20:55	1
Ethylbenzene	<1.0		1.0		ug/L			08/19/25 20:55	1
Toluene	<1.0		1.0		ug/L			08/19/25 20:55	1
Xylenes, Total	<10		10		ug/L			08/19/25 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136					08/19/25 20:55	1
Dibromofluoromethane	109		79 - 130					08/19/25 20:55	1
Toluene-d8 (Surr)	90		64 - 132					08/19/25 20:55	1

Client Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-8

Lab Sample ID: 400-280590-8

Date Collected: 08/07/25 19:57

Matrix: Water

Date Received: 08/09/25 09:07

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			08/19/25 21:20	1
Ethylbenzene	<1.0		1.0		ug/L			08/19/25 21:20	1
Toluene	<1.0		1.0		ug/L			08/19/25 21:20	1
Xylenes, Total	<10		10		ug/L			08/19/25 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		08/19/25 21:20	1
Dibromofluoromethane	107		79 - 130		08/19/25 21:20	1
Toluene-d8 (Surr)	93		64 - 132		08/19/25 21:20	1

Definitions/Glossary

Client: Stantec Consulting Services, Inc.
Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.

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: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: TB-01

Date Collected: 08/07/25 19:00

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-1

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	719919	08/18/25 18:07	HES	EET PEN

Client Sample ID: DUP-02

Date Collected: 08/07/25 02:00

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-2

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	719919	08/18/25 18:32	HES	EET PEN

Client Sample ID: MW-3

Date Collected: 08/07/25 19:29

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-3

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	719919	08/18/25 18:58	HES	EET PEN

Client Sample ID: MW-4

Date Collected: 08/07/25 19:37

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-4

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	719919	08/18/25 19:23	HES	EET PEN

Client Sample ID: MW-5

Date Collected: 08/07/25 19:20

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-5

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	720279	08/20/25 15:21	HES	EET PEN

Client Sample ID: MW-6

Date Collected: 08/07/25 19:45

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-6

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	720112	08/19/25 20:30	RSG	EET PEN

Client Sample ID: MW-7

Date Collected: 08/07/25 19:50

Date Received: 08/09/25 09:07

Lab Sample ID: 400-280590-7

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	720112	08/19/25 20:55	RSG	EET PEN

Eurofins Pensacola

Lab Chronicle

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Client Sample ID: MW-8

Lab Sample ID: 400-280590-8

Date Collected: 08/07/25 19:57

Matrix: Water

Date Received: 08/09/25 09:07

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	720112	08/19/25 21:20	RSG	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-719919/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	719919	08/18/25 11:49	HES	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-720112/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	720112	08/19/25 11:17	RSG	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-720279/5

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	720279	08/20/25 11:59	HES	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-719919/1003

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	719919	08/18/25 10:34	HES	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-720112/1003

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	720112	08/19/25 09:32	RSG	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-720279/1003

Date Collected: N/A

Matrix: Water

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	720279	08/20/25 10:37	HES	EET PEN

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

GC/MS VOA

Analysis Batch: 719919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-280590-1	TB-01	Total/NA	Water	8260D	
400-280590-2	DUP-02	Total/NA	Water	8260D	
400-280590-3	MW-3	Total/NA	Water	8260D	
400-280590-4	MW-4	Total/NA	Water	8260D	
MB 400-719919/5	Method Blank	Total/NA	Water	8260D	
LCS 400-719919/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 720112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-280590-6	MW-6	Total/NA	Water	8260D	
400-280590-7	MW-7	Total/NA	Water	8260D	
400-280590-8	MW-8	Total/NA	Water	8260D	
MB 400-720112/5	Method Blank	Total/NA	Water	8260D	
LCS 400-720112/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 720279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-280590-5	MW-5	Total/NA	Water	8260D	
MB 400-720279/5	Method Blank	Total/NA	Water	8260D	
LCS 400-720279/1003	Lab Control Sample	Total/NA	Water	8260D	

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QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

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

Lab Sample ID: MB 400-719919/5
 Matrix: Water
 Analysis Batch: 719919

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			08/18/25 11:49	1
Ethylbenzene	<1.0		1.0		ug/L			08/18/25 11:49	1
Toluene	<1.0		1.0		ug/L			08/18/25 11:49	1
Xylenes, Total	<10		10		ug/L			08/18/25 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		08/18/25 11:49	1
Dibromofluoromethane	98		79 - 130		08/18/25 11:49	1
Toluene-d8 (Surr)	99		64 - 132		08/18/25 11:49	1

Lab Sample ID: LCS 400-719919/1003
 Matrix: Water
 Analysis Batch: 719919

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	45.9		ug/L		92	70 - 130
m-Xylene & p-Xylene	50.0	44.4		ug/L		89	70 - 130
o-Xylene	50.0	44.8		ug/L		90	70 - 130
Ethylbenzene	50.0	44.2		ug/L		88	70 - 130
Toluene	50.0	45.0		ug/L		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		59 - 146
4-Bromofluorobenzene	103		56 - 136
Dibromofluoromethane	100		79 - 130
Toluene-d8 (Surr)	101		64 - 132

Lab Sample ID: MB 400-720112/5
 Matrix: Water
 Analysis Batch: 720112

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			08/19/25 11:17	1
Ethylbenzene	<1.0		1.0		ug/L			08/19/25 11:17	1
Toluene	<1.0		1.0		ug/L			08/19/25 11:17	1
Xylenes, Total	<10		10		ug/L			08/19/25 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		08/19/25 11:17	1
Dibromofluoromethane	105		79 - 130		08/19/25 11:17	1
Toluene-d8 (Surr)	96		64 - 132		08/19/25 11:17	1

Lab Sample ID: LCS 400-720112/1003
 Matrix: Water
 Analysis Batch: 720112

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	55.5		ug/L		111	70 - 130

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QC Sample Results

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

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

Lab Sample ID: LCS 400-720112/1003

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 720112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	52.7		ug/L		105	70 - 130
o-Xylene	50.0	53.5		ug/L		107	70 - 130
Ethylbenzene	50.0	53.2		ug/L		106	70 - 130
Toluene	50.0	52.0		ug/L		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		59 - 146
4-Bromofluorobenzene	93		56 - 136
Dibromofluoromethane	109		79 - 130
Toluene-d8 (Surr)	93		64 - 132

Lab Sample ID: MB 400-720279/5

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 720279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			08/20/25 11:59	1
Ethylbenzene	<1.0		1.0		ug/L			08/20/25 11:59	1
Toluene	<1.0		1.0		ug/L			08/20/25 11:59	1
Xylenes, Total	<10		10		ug/L			08/20/25 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		56 - 136		08/20/25 11:59	1
Dibromofluoromethane	109		79 - 130		08/20/25 11:59	1
Toluene-d8 (Surr)	95		64 - 132		08/20/25 11:59	1

Lab Sample ID: LCS 400-720279/1003

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 720279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	55.6		ug/L		111	70 - 130
m-Xylene & p-Xylene	50.0	50.6		ug/L		101	70 - 130
o-Xylene	50.0	50.6		ug/L		101	70 - 130
Ethylbenzene	50.0	50.7		ug/L		101	70 - 130
Toluene	50.0	50.1		ug/L		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		59 - 146
4-Bromofluorobenzene	89		56 - 136
Dibromofluoromethane	112		79 - 130
Toluene-d8 (Surr)	91		64 - 132

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-280590-1

Login Number: 280590

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	0.1°C IR10
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Stantec Consulting Services, Inc.
 Project/Site: Gallegos Canyon Unit #124E.00

Job ID: 400-280590-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
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	10-31-25
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	09-30-25
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	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

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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

CONDITIONS

Action 538357

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 538357
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	3/18/2026