



**2024 ANNUAL
GROUNDWATER REPORT –
Gallegos Canyon Unit
#124E**

San Juan County, New Mexico

NMOCD Incident No.
nAUTOfAB000205

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ABBREVIATIONS

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

2024 ANNUAL GROUNDWATER REPORT – GALLEGOS CANYON UNIT #124E

1.0 INTRODUCTION

This 2024 Annual Groundwater Report has been prepared on behalf of El Paso CGP Company (EPCGP), a subsidiary of Kinder Morgan, Inc., by Stantec Consulting Services Inc. (Stantec). This report summarizes groundwater sampling and associated activities completed in 2024 at the Gallegos Canyon Unit #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 nAUTOAB000205 by the New Mexico Oil Conservation Division (NMOCD).

2.0 SITE BACKGROUND

Environmental remediation activities at Gallegos Canyon Unit #124E (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 is present at the Site, and manual recovery has been performed periodically since 2020. Currently, groundwater sampling of key monitoring wells not containing LNAPL is conducted on a semi-annual basis, and biennially from all EPCGP monitoring wells not containing LNAPL.

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3.0 GROUNDWATER SAMPLING ACTIVITIES

Stantec Consulting Services Inc. (Stantec) provided field work notifications via email to the NMOCD and the Navajo Nation Environmental Protection Agency (NNEPA) prior to each field event. Copies of the 2024 NMOCD are provided in Appendix B.

On March 28, May 14, August 28, and November 8, 2024, water levels were gauged, and groundwater samples collected from monitoring wells MW-1R, MW-3, MW-4, MW-5, MW-6, MW-7, and MW-8. An additional groundwater sample was collected on May 16, August 28, and November 8, 2024 from MW-1R for Polycyclic Aromatic Hydrocarbon (PAH) analysis, as described below. Groundwater samples were collected from selected 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 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 May, August, and November 2024 were also analyzed for PAH constituents using EPA Method 8270D. One laboratory supplied trip blank and one blind field duplicate were also collected during each of the 2024 groundwater sampling events.

The unused sample water was combined in a waste container and transported to the Envirotech, Inc. land farm 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 2024 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, August, and November 2024 events.

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5.0 GROUNDWATER RESULTS

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

- The groundwater elevations indicate the flow direction at the Site was to the west northwest during 2024 (see Figures 4 and 6).
- Concentrations of benzene were either below the NMWQCC standard (10 micrograms per liter [µg/L]) or were not detected in each of the Site monitoring wells sampled in 2024.
- Concentrations of toluene were either below the NMWQCC standard (750 µg/L) or were not detected in each of the Site monitoring wells sampled in 2024.
- Concentrations of ethylbenzene were either below the NMWQCC standard (750 µg/L) or were not detected in each of the Site monitoring wells sampled in 2024.
- Concentrations of total xylenes were either below the NMWQCC standard (620 µg/L) or were not detected in each of the Site monitoring wells sampled in 2024.
- Concentration of total naphthalene (calculated as the summation of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene) were either below the NMWQCC standard (30 µg/L) or were not detected in the samples collected from monitoring well MW-1R in 2024.
- Concentrations of benzo(a)pyrene were either below the NMWQCC standard (0.7 µg/L) or were not detected in the samples collected from monitoring well MW-1R in 2024.
- A field duplicate was collected from MW-1R during the March, May, August, and November monitoring events. No significant differences were noted between the primary and the duplicate samples for the 2024 groundwater sampling events.
- Detectable concentrations of BTEX constituents were not reported in the trip blanks collected and analyzed as part of the 2024 groundwater monitoring events.

2024 ANNUAL GROUNDWATER REPORT – GALLEGOS CANYON UNIT #124E**6.0 PLANNED FUTURE ACTIVITIES**

Quarterly groundwater monitoring is to continue through at least the third calendar quarter of 2025 to move the Site towards regulatory closure. Groundwater samples will be collected from each of the Site monitoring wells and analyzed for BTEX constituents using EPA Method 8260. Groundwater samples collected from monitoring well MW-1R will also be analyzed for total naphthalene constituents and benzo(a)pyrene using EPA Method 8270. A field duplicate and trip blank will also be collected during each groundwater sampling event. The Site monitoring wells will also be gauged during each sampling event to confirm LNAPL is not present.

The activities completed in 2025 and their results will be summarized in the 2025 Annual Report, to be submitted by April 1, 2026. If groundwater concentrations in groundwater monitoring wells remain below applicable NMWQCC standards through the third calendar quarter of 2025, a petition for site closure may be made following this event.

TABLES

TABLE 1 – GROUNDWATER ELEVATION RESULTS

TABLE 2 – GROUNDWATER BTEX ANALYTICAL RESULTS

TABLE 3 – GROUNDWATER SVOC ANALYTICAL RESULTS

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		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

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	06/07/02	5949.45	NR	29.42		5920.03
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

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	02/01/11	5949.45	ND	21.70		5927.75
MW-1	05/02/11	5949.45	ND	23.32		5926.13
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

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	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
MW-1R	11/08/24	5946.90	ND	26.24		5920.40
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-4	12/15/13	5949.57	ND	25.62		5923.95
MW-4	04/05/14	5949.57	ND	26.22		5923.35

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	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-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
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

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	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-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
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

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	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-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
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-8	05/19/22	5944.90	ND	34.43		5910.47
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

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-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

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
MW-1	06/12/02	NS	NS	NS	NS
MW-1	06/21/02	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	06/27/02	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
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

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	09/11/13	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
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

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	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
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-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

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	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
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-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

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	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
MW-5	11/08/24	<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

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)
NMW/QCC Standards:		10	750	750	620
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-7	12/15/13	<0.14	<0.30	<0.20	<0.23
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-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

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 SVOCs 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-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

FIGURE 1: SITE LOCATION

FIGURE 2: SITE PLAN

FIGURE 3: GROUNDWATER ANALYTICAL RESULTS – MARCH 28, 2024

FIGURE 4: GROUNDWATER ELEVATION MAP – MARCH 28, 2024

FIGURE 5: GROUNDWATER ANALYTICAL RESULTS – MAY 14, 2024

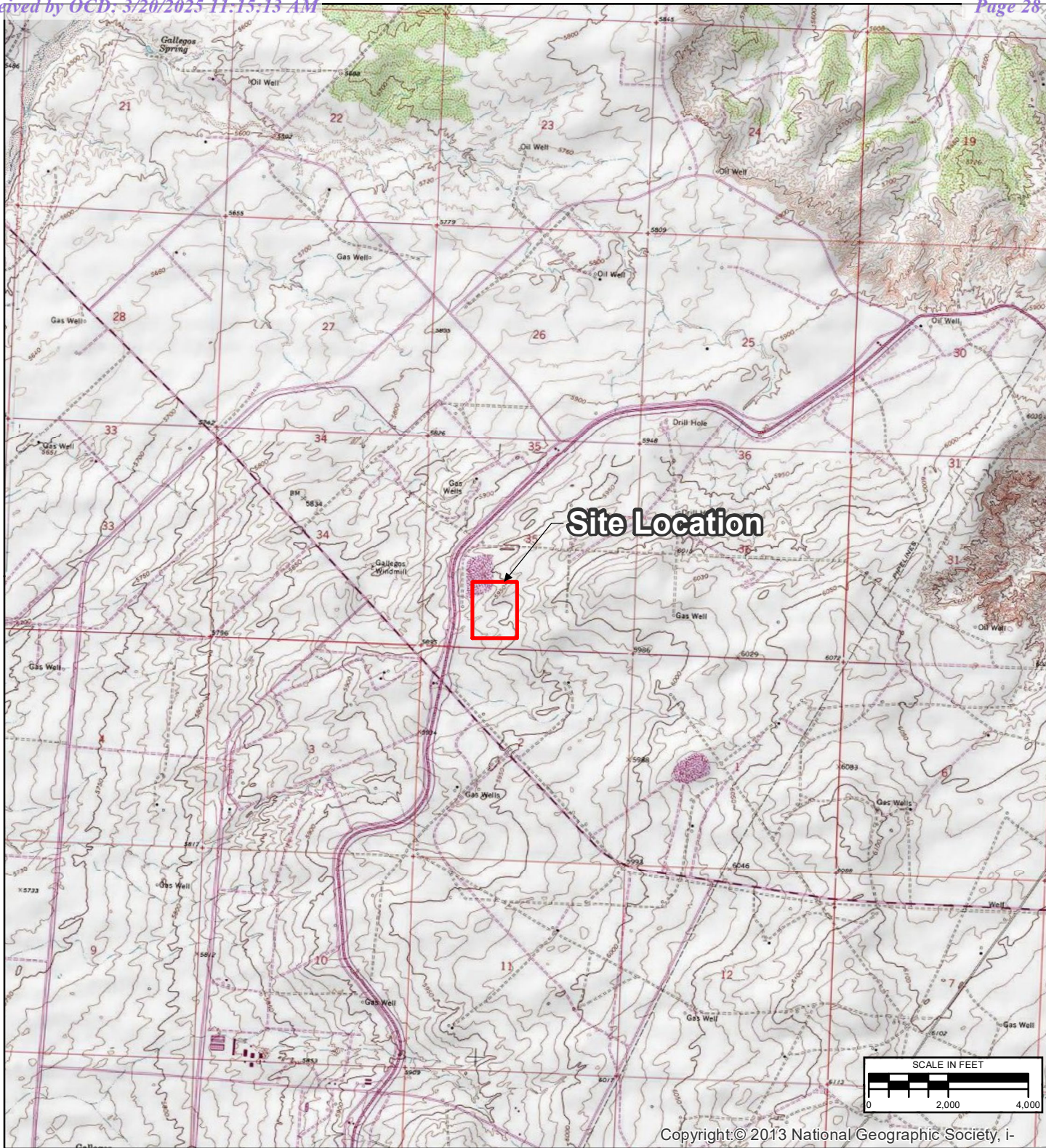
FIGURE 6: GROUNDWATER ELEVATION MAP – MAY 14, 2024

FIGURE 7: GROUNDWATER ANALYTICAL RESULTS – AUGUST 28, 2024

FIGURE 8: GROUNDWATER ELEVATION MAP – AUGUST 28, 2024

FIGURE 9: GROUNDWATER ANALYTICAL RESULTS – NOVEMBER 8, 2024

FIGURE 10: GROUNDWATER ELEVATION MAP – NOVEMBER 8, 2024




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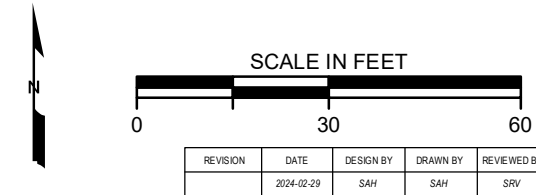
TITLE SITE LOCATION		
PROJECT GALLEGOS CANYON UNIT #124E SAN JUAN RIVER BASIN SAN JUAN COUNTY, NEW MEXICO	FIGURE 1	

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\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
- UG- UNDERGROUND CABLE
- G- UNDERGROUND GAS LINE
- ABANDONED MONITORING WELL
- ▲ SMA BENCHMARK
- X GAS VALVE
- MONITORING WELL
- SOIL BORING
- X 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**

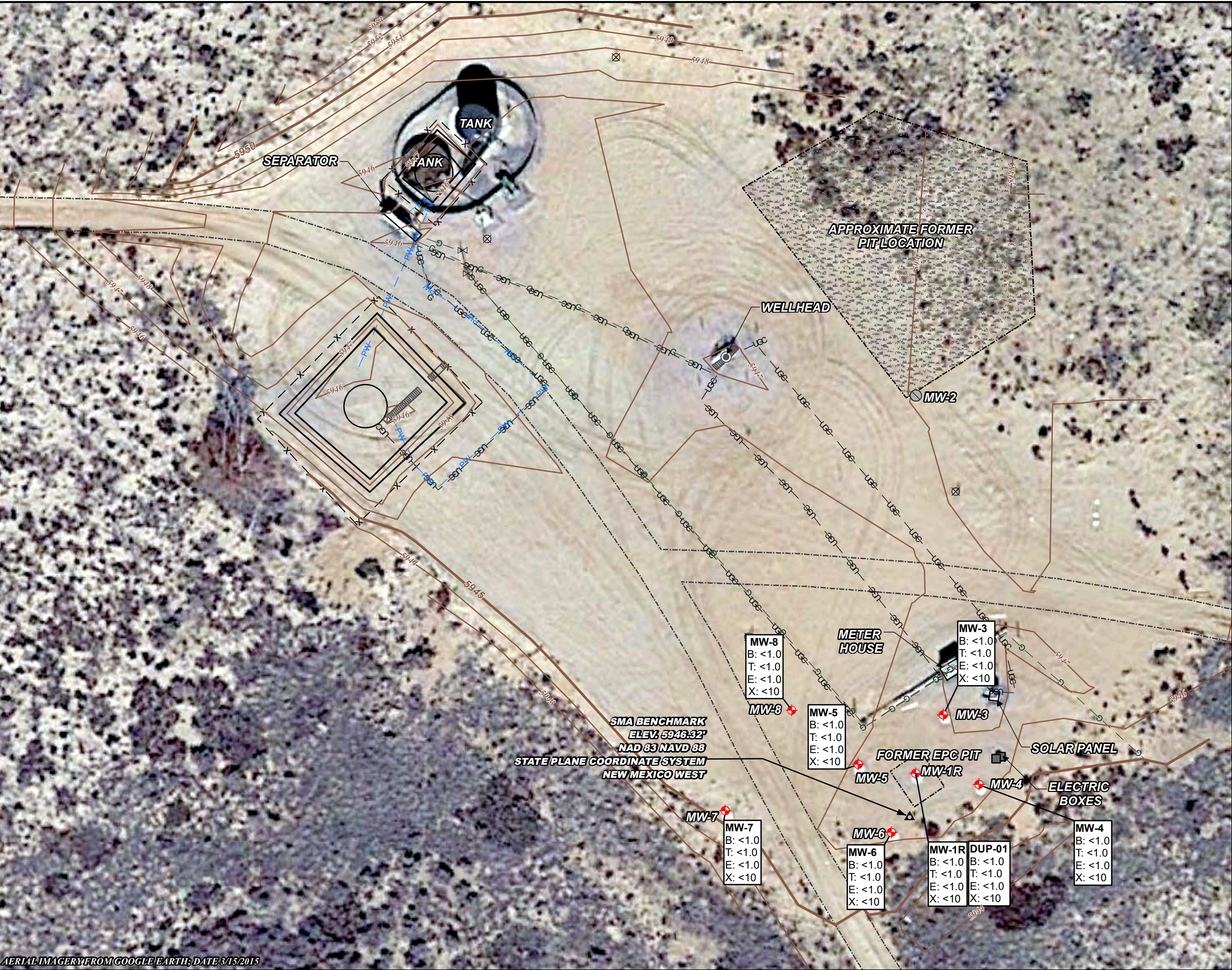


Figure No.:

2

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

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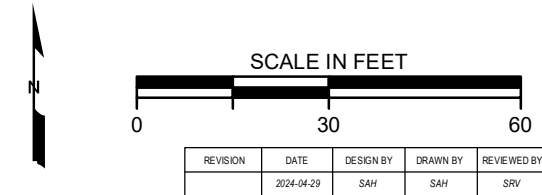
LEGEND:

- 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



TITLE: **GROUNDWATER ANALYTICAL RESULTS
MARCH 28, 2024**

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

Stantec

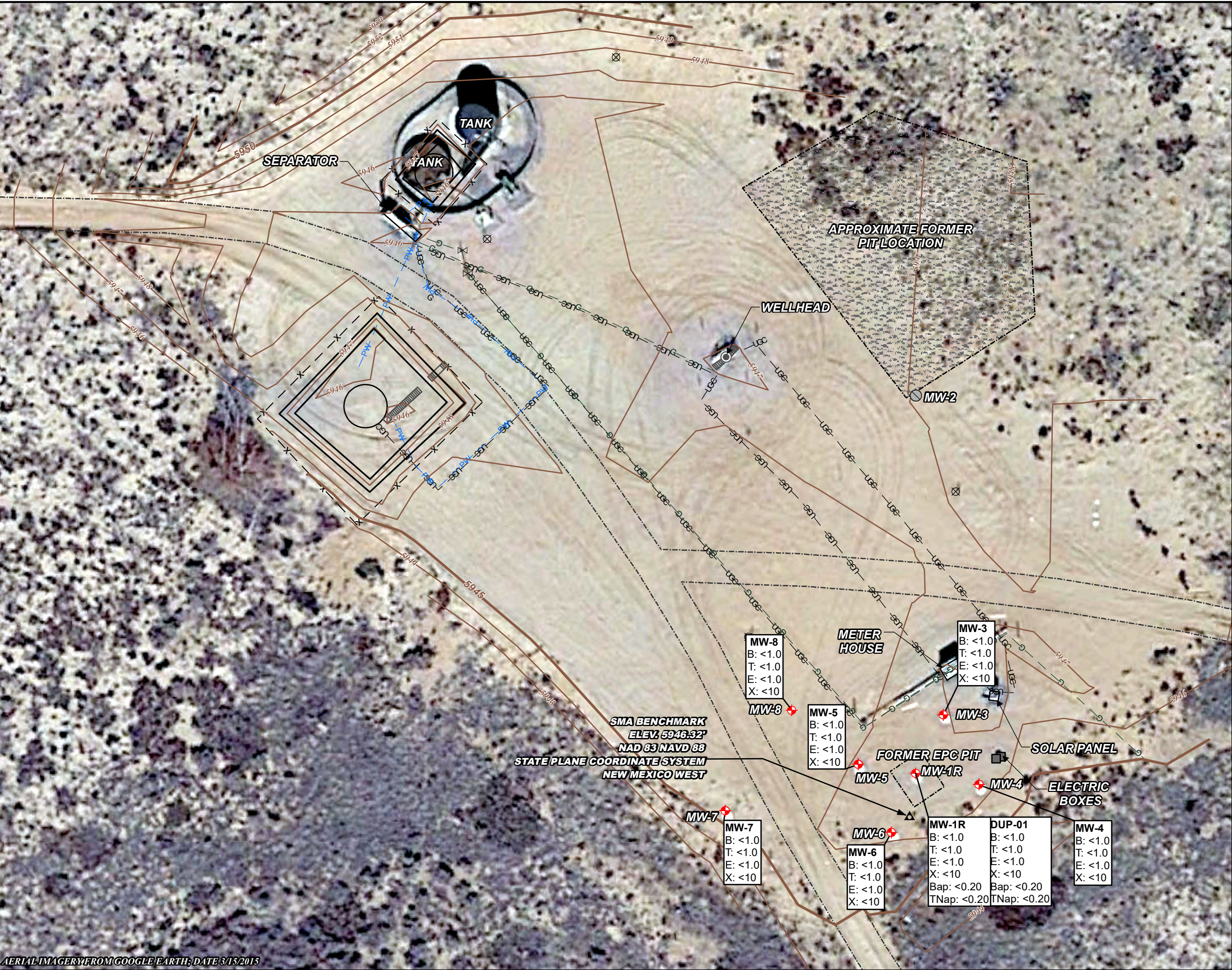
Figure No.: **3**

AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/13/2015

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\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\GALLEGOS CANYON UNIT #124E\2024 MAPS\Fig 5 GCU#124E_GARM_Q2_2024.mxd



AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/13/2015

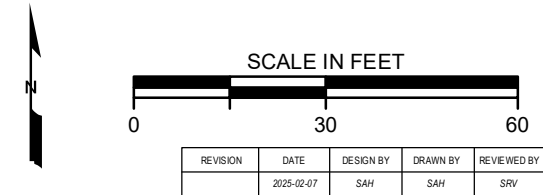
LEGEND:

- 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



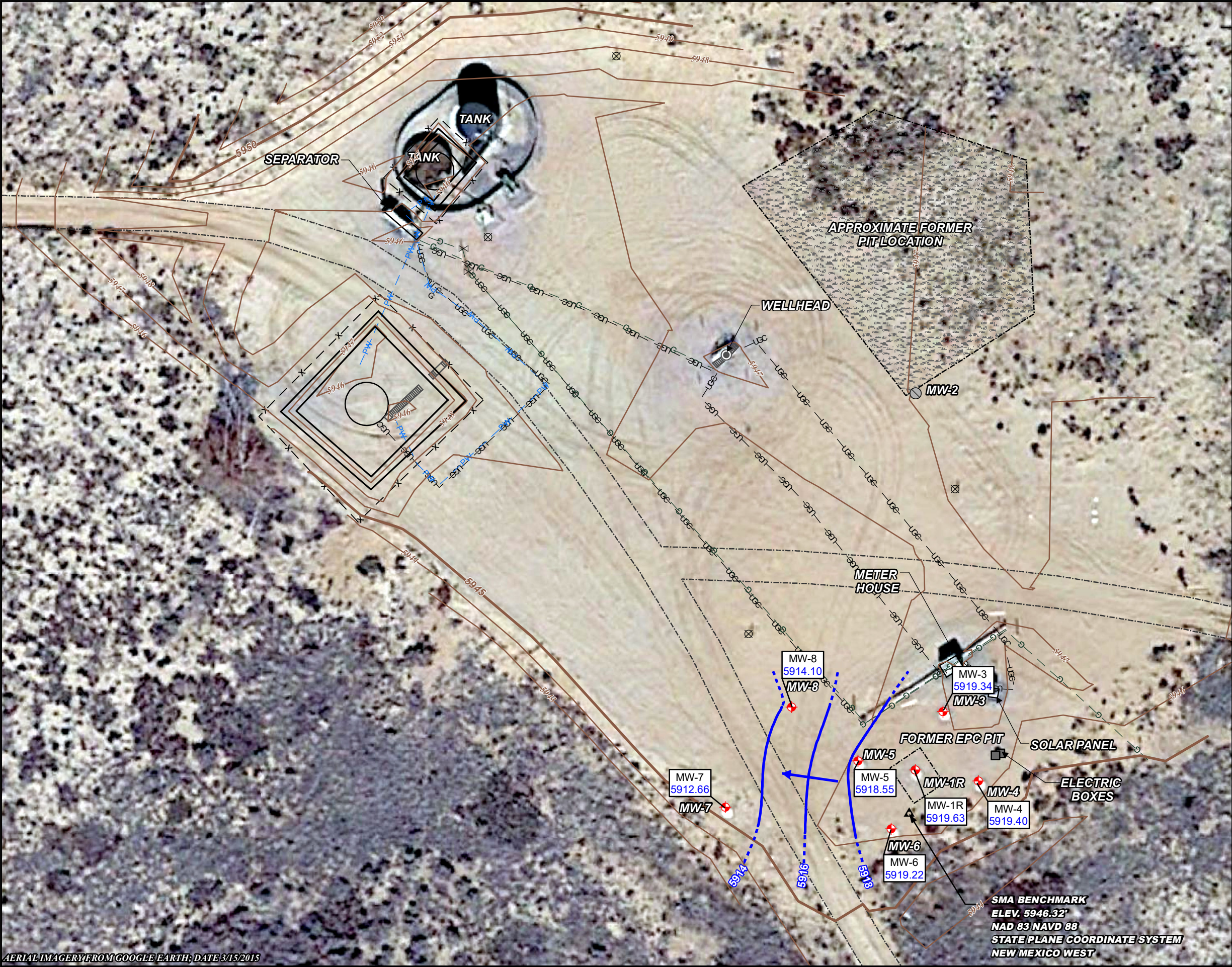
TITLE: **GROUNDWATER ANALYTICAL RESULTS
MAY 14, 2024**

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

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Figure No.: **5**

\\cd1001-c200\CTX-CIFSS\VD\Redirect\shansen\Desktop\GIS-NEW\MXDs\GALLEGOS CANYON UNIT #124E\2024 MAPS\Fig 6 GCU#124E_GECM_Q2_2024.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:

5914.10 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

SCALE IN FEET

0 30 60

REVISION	DATE	DESIGN BY	DRAWN BY	REVIEWED BY
	2025-01-23	SAH	SAH	SRV

TITLE:

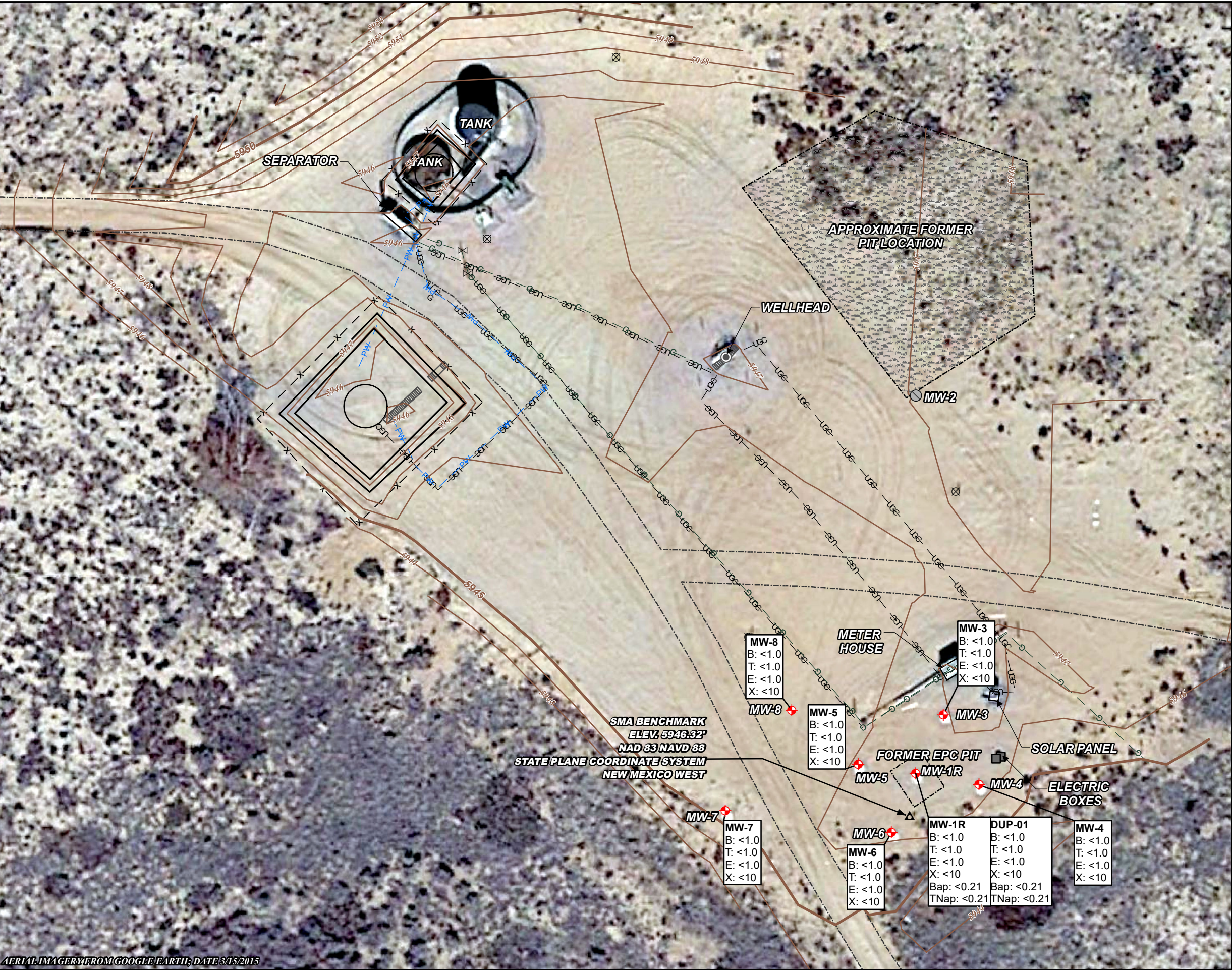
GROUNDWATER ELEVATION MAP
MAY 14, 2024

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

Stantec

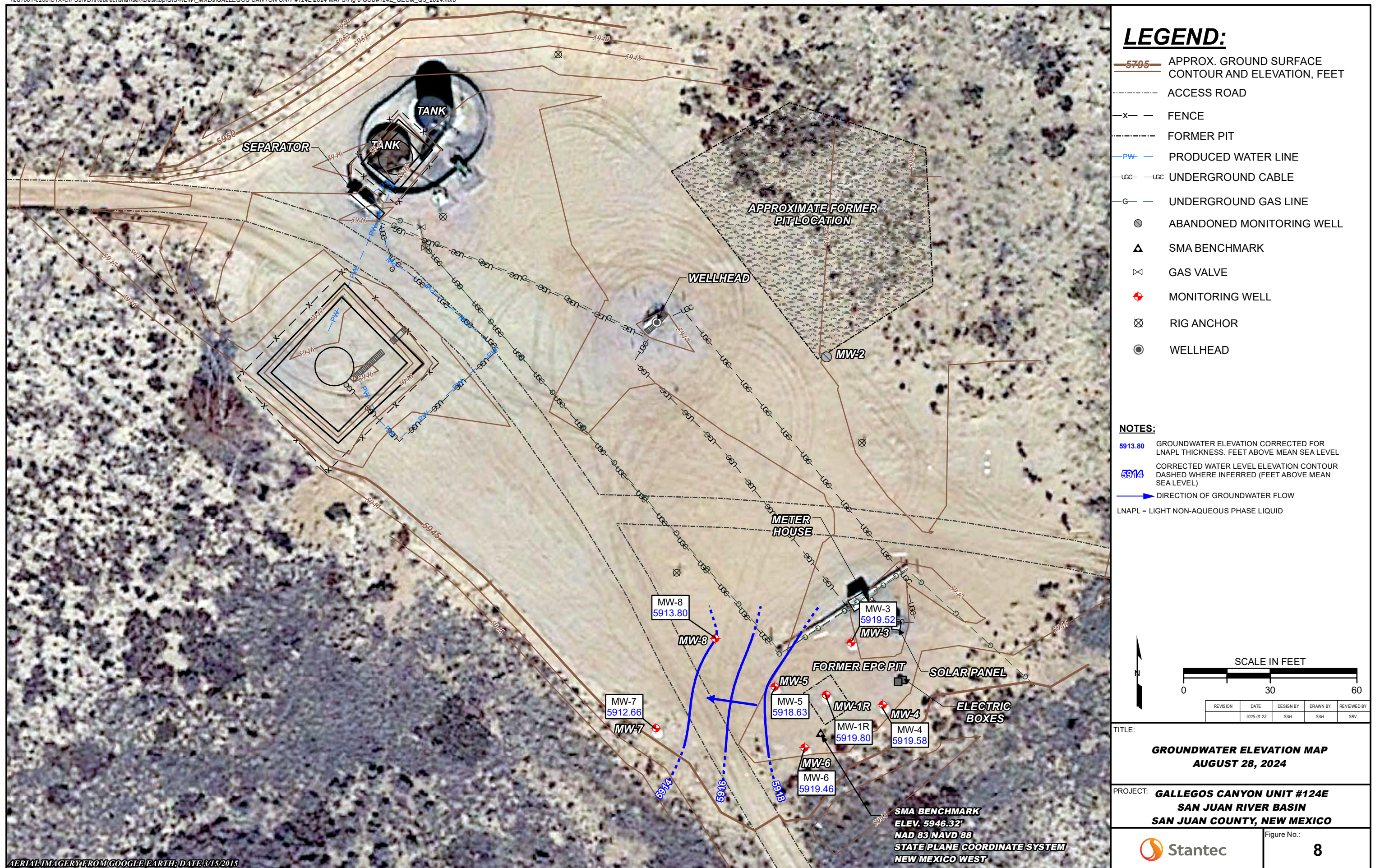
Figure No.: **6**

\\cd1001-c200\CTX-CIFSS\VDI\Redirect\shansen\Desktop\GIS-NEW\MXDs\GALLEGOS CANYON UNIT #124E\2024 MAPS\Fig 7 GCU#124E_GARM_Q3_2024.mxd

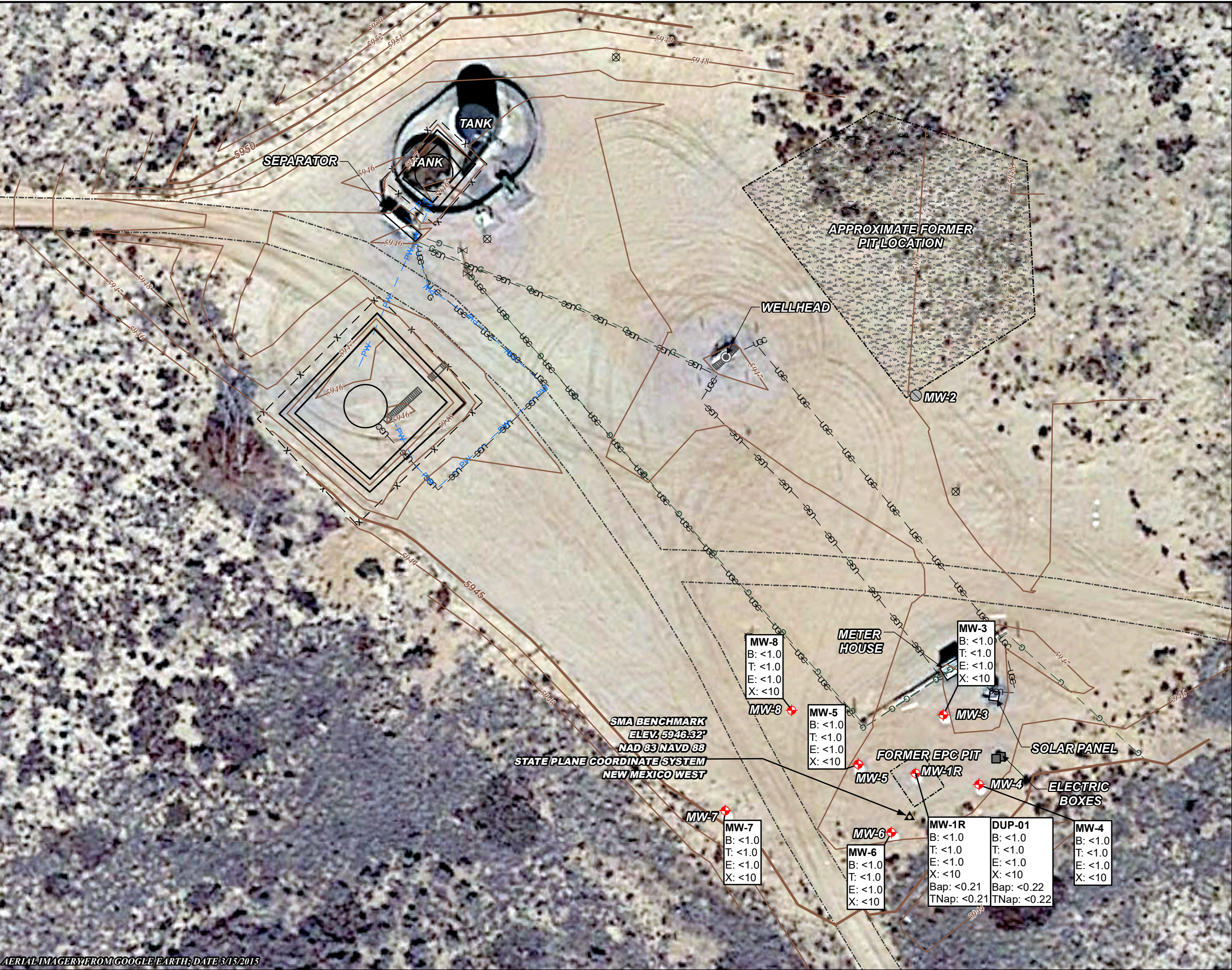


AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/13/2015

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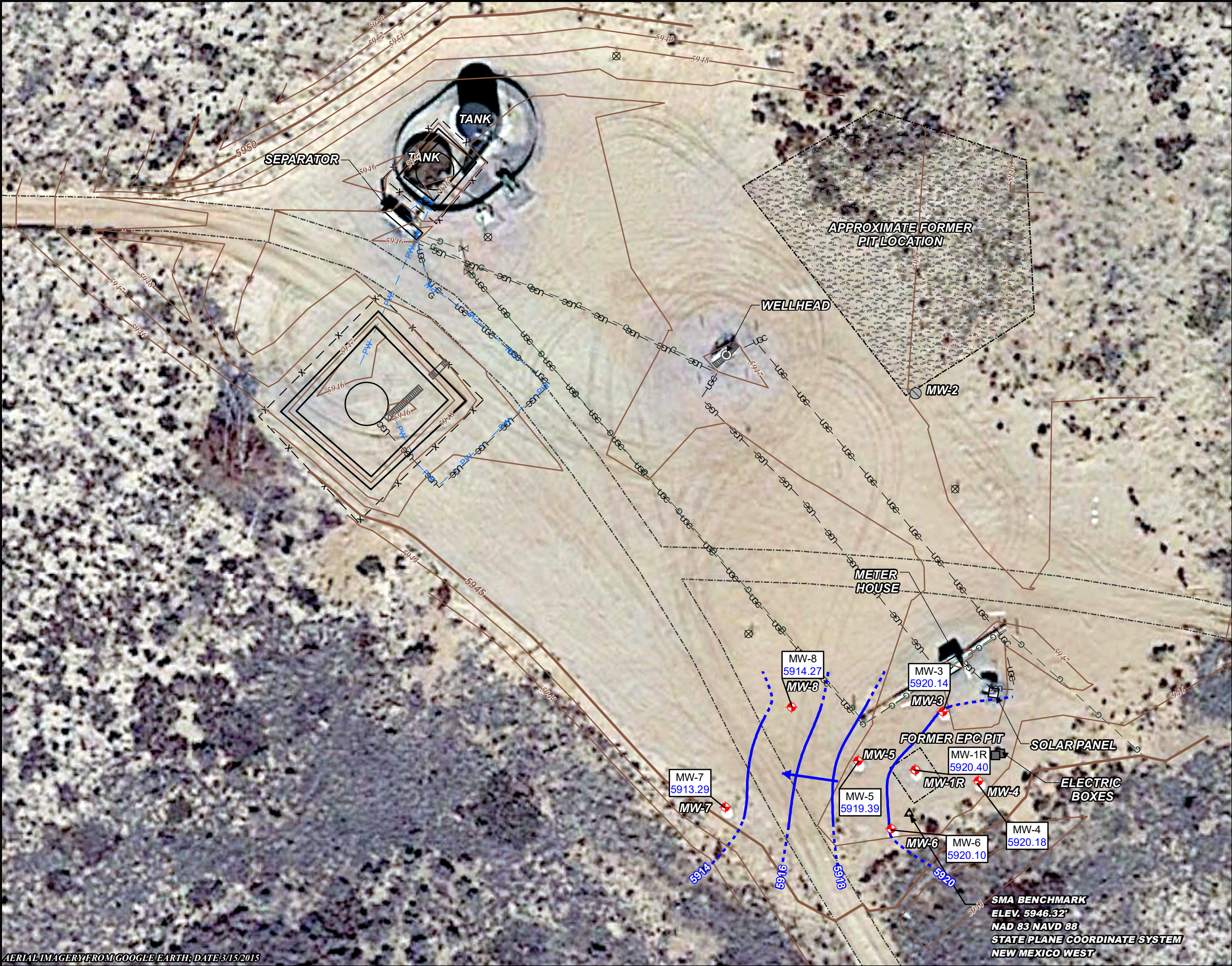


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AERIAL IMAGERY FROM GOOGLE EARTH, DATE 3/13/2015

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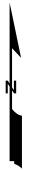


LEGEND:

- 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
	2025-01-23	SAH	SAH	SRV

TITLE:

**GROUNDWATER ELEVATION MAP
NOVEMBER 8, 2024**

PROJECT:

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



Figure No.:

10

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

APPENDICES

APPENDIX A – SITE HISTORY

APPENDIX B – NOTIFICATION OF SITE ACTIVITIES

APPENDIX C – WASTE DISPOSAL DOCUMENTATION

APPENDIX D – GROUNDWATER ANALYTICAL LAB REPORTS

APPENDIX A

Site History

Site History
San Juan River Basin, New Mexico

<i>Date</i>	<i>Source (Regulatory File #)</i>	<i>Event/Action</i>	<i>Description/Comments</i>
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	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	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 EI Paso Field Services [EPFS])	Summarizes pit closure, installation of MW-1, quarterly groundwater sampling was initiated in June 1998.

Site History
San Juan River Basin, New Mexico

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.
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 boirngs (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.
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.

Site History
San Juan River Basin, New Mexico

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.
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.

Site History
San Juan River Basin, New Mexico

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	
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)	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)	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)	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)	Monitoring Well Replacement Work Plan	Replacement of MW-1. Work Plan stamped Accepted 5/19/23.

Site History
San Juan River Basin, New Mexico

3/22/2023	nAUTOfAB000205 (Case # 3RP-407)	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)	Stantec 2023 Annual Report (for EPCGPC)	Semi-annual groundwater sampling. Report accepted by NMOCD on 7/1/2024.

APPENDIX B

Notification of Site Activities

From: OCDOnline@state.nm.us
To: [Varsa, Steve](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 325361
Date: Thursday, March 21, 2024 3:02:47 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: 03/28/2024 @ 16:00

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

Additional Information: Sean Clary 913-980-0281. Groundwater abatement per 19.15.30.14B NMAC.

Additional Instructions: 0.5 miles north of Road 7010, approximately 4 miles west of intersection with US 550.

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

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

Thank you,
 Steve

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

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

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

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

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

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

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

Thank you,
Steve

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

Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
Des Moines, Iowa 50322
Direct: (515) 251-1020
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From: [Varsa, Steve](#)
To: OCD.ENVIRO@EMNRD.NM.GOV
Cc: [Buchanan, Michael, EMNRD](#); [Bratcher, Michael, EMNRD](#); [Wiley, Joe](#)
Subject: El Paso CGP Company - Notice of upcoming third calendar quarter 2024 site activities
Date: Wednesday, August 21, 2024 9:43:54 AM

This correspondence is to provide notice to the NMOCD of upcoming light nonaqueous-phase liquid (LNAPL) monitoring and recovery activities at the following El Paso CGP Company (EPCGP) project sites:

Site Name	Incident Number	Sample Date
Canada Mesa #2	nAUTOAB000065	8/29/2024
Fields A#7A	nAUTOAB000176	8/27/2024
Gallegos Canyon Unit #124E	nAUTOAB000205	8/28/2024
Johnston Fed #4	nAUTOAB000305	8/30/2024
Johnston Fed #6A	nAUTOAB000309	8/30/2024
K27 LDO72	nAUTOAB000316	8/29/2024
Knight #1	nAUTOAB000324	8/28/2024
State Gas Com N #1	nAUTOAB000668	8/26/2024

Quarterly groundwater sampling at the Gallegos Canyon Unit #124E and Johnston Federal #6A locations are also to be done concurrent to the LNAPL monitoring and recovery events.

Quarterly operation and maintenance activities on the Knight #1 air sparge/soil vapor extraction system (Incident number nAUTOAB000324) are to occur on Tuesday and Wednesday, August 27 and 28, 2024.

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

Thank you,
Steve

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

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

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

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

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

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

Thank you,
Steve

Stephen Varsa, P.G., R.G.
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Stantec Environmental Services
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From: [Varsa, Steve](#)
To: NNEPAUIC@frontiernet.net
Subject: Stantec - Notice of upcoming activities
Date: Thursday, March 21, 2024 7:24:47 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 Thursday, March 28, 2024.

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: NNEPAUIC@frontiernet.net
Subject: FW: Stantec - Notice of upcoming activities
Date: Monday, May 13, 2024 5:47:52 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 13, 2024.

Thank you,
Steve

Stephen Varsa, P.G.

Principal Hydrogeologist
Stantec Environmental Services
11311 Aurora Avenue
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From: [Varsa, Steve](#)
To: nnepawq@frontiernet.net
Subject: FW: Stantec - Notice of upcoming activities
Date: Wednesday, August 21, 2024 2:24:00 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 Wednesday, August 28, 2024.

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: nnepawq@frontiernet.net
Subject: Stantec - Notice of upcoming activities - Gallegos Canyon Unit #124E
Date: Monday, October 28, 2024 1:57:37 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 Saturday, November 9, 2024.

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
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APPENDIX C

Waste Disposal Documentation



envirotech

Bill of Lading

MANIFEST # 84352

GENERATOR EL Paso

POINT OF ORIGIN See^c-138 For list

TRANSPORTER Envirotech

DATE 03/29/24 JOB # 14073-0090

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

[illegible]

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

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

BOL# 84352

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 03/29/24 TIME 1000

Attach test strip here

CUSTOMER EL PasoSITE See the C-138 For ListDRIVER Austin FoutzSAMPLE Soil Straight With Dirt XCHLORIDE TEST - 281 mg/KgACCEPTED YES X NO PAINT FILTER TEST Time started 1000 Time completed 1012PASS YES X NO SAMPLER/ANALYST Cary Rolinse

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



envirotech

Bill of Lading

MANIFEST # 85181

GENERATOR EL PASO Pit Sites

POINT OF ORIGIN: See C-138 for

TRANSPORTER Location Envirotech

DATE 05/21/24 JOB # 14073-0090

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

[illegible]

Generator Onsite Contact _____ Phone _____

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

BOL# 85181

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05/21/24 TIME 0945

Attach test strip here

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

Bill of Lading

GENERATOR EL PASO EL PASO PIT SITES

POINT OF ORIGIN Lateral L 40TRANSPORTER, Envirotech

DATE 08/30/24 JOB # 14073-0095 0090

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Cont Liquid			1			998	1500	<i>[Signature]</i>
RESULTS		LANDFARM EMPLOYEE <i>[Signature]</i>	NOTES 1							
-274	CHLORIDE TEST									1
	CHLORIDE TEST			<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out						
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.							
Pass	PAINT FILTER TEST	1								

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

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

BOL# 87101

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 08/30/24 TIME 1500

Attach test strip here

CUSTOMER EL PASOSITE Lateral L 40DRIVER *[Signature]*SAMPLE Soil Straight With Dirt XCHLORIDE TEST -274 mg/KgACCEPTED YES X NO PAINT FILTER TEST Time started 1500 Time completed 1511PASS YES X NO SAMPLER/ANALYST *[Signature]*



envirotech

Bill of Lading

Envirotech Inv 66775 on 11/14/24

MANIFEST # 88384

GENERATOR EIPASO see list below

POINT OF ORIGIN Rio Vista Comp Station

TRANSPORTER E Tech

DATE 11/15/24 JOB # 14073 - 0090

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

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	BF	Tank Bottoms			1	-		998	11:00	[Signature]	
							Point of Origin : Blanco Gas Plant - North Flare Pit Blanco Gas Plant - South Flare Pit San Juan River Gas Plant 14 NEW MEXICO PITS SITES				
							- Johnston Federal #4 - Knight #1 - Johnston Federal #6A - Lat L40 - Sandoval GC A#1A - James F Bell #1E - Canada Mesa #2 - GCU Corn A #142E - K-27 LD072 - Fields A #7A - Standard Oil Corn #1 - Fogelson 41 - Gallegos Canyon Unit #124E - State Gas Corn N#1				
RESULTS		LANDFARM EMPLOYEE	Cory Robinson				NOTES Kinder Morgan / EL PASO				
400	CHLORIDE TEST										1
	CHLORIDE TEST										
	CHLORIDE TEST										
Pass PAINT FILTER TEST		1	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								

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

Signatures required prior to distribution of the legal document.

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

BOL# 88384

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 11/15/24TIME 11:00

Attach test strip here

CUSTOMER EL PASOSITE Rio Vista Comp Station ^{SEE LIST} ^{PE} See BOL for ListDRIVER [Signature]

SAMPLE

Soil _____ Straight _____ With Dirt X

CHLORIDE TEST

400 mg/Kg

ACCEPTED

YES

X

NO

PAINT FILTER TEST

Time started

11:00

Time completed

11:10

PASS

YES

X

NO

SAMPLER/ANALYST [Signature]

APPENDIX D

Groundwater Analytical Lab Reports



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/15/2024 11:57:13 AM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-253551-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.
Released to Imaging: 9/2/2025 6:24:33 AM

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.

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Authorization



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

Laboratory Job ID: 400-253551-1

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Case Narrative

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

Job ID: 400-253551-1

Job ID: 400-253551-1

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Job Narrative
400-253551-1

Receipt

The samples were received on 3/30/2024 8:03 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

GC/MS VOA

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

VOA Prep

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

Eurofins Pensacola

Detection Summary

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

Job ID: 400-253551-1

Client Sample ID: TB-01	Lab Sample ID: 400-253551-1
No Detections.	
Client Sample ID: DUP-01	Lab Sample ID: 400-253551-2
No Detections.	
Client Sample ID: MW-1R	Lab Sample ID: 400-253551-3
No Detections.	
Client Sample ID: MW-3	Lab Sample ID: 400-253551-4
No Detections.	
Client Sample ID: MW-4	Lab Sample ID: 400-253551-5
No Detections.	
Client Sample ID: MW-5	Lab Sample ID: 400-253551-6
No Detections.	
Client Sample ID: MW-6	Lab Sample ID: 400-253551-7
No Detections.	
Client Sample ID: MW-7	Lab Sample ID: 400-253551-8
No Detections.	
Client Sample ID: MW-8	Lab Sample ID: 400-253551-9
No Detections.	

Method Summary

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

Job ID: 400-253551-1

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

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

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

Sample Summary

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

Job ID: 400-253551-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-253551-1	TB-01	Water	03/28/24 15:45	03/30/24 08:03
400-253551-2	DUP-01	Water	03/28/24 00:00	03/30/24 08:03
400-253551-3	MW-1R	Water	03/28/24 16:08	03/30/24 08:03
400-253551-4	MW-3	Water	03/28/24 16:20	03/30/24 08:03
400-253551-5	MW-4	Water	03/28/24 16:30	03/30/24 08:03
400-253551-6	MW-5	Water	03/28/24 16:40	03/30/24 08:03
400-253551-7	MW-6	Water	03/28/24 16:50	03/30/24 08:03
400-253551-8	MW-7	Water	03/28/24 16:54	03/30/24 08:03
400-253551-9	MW-8	Water	03/28/24 16:58	03/30/24 08:03

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: TB-01

Date Collected: 03/28/24 15:45

Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 08:56	1
Toluene	<1.0		1.0		ug/L			04/08/24 08:56	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 08:56	1
Xylenes, Total	<10		10		ug/L			04/08/24 08:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 130		04/08/24 08:56	1
Dibromofluoromethane	89		75 - 126		04/08/24 08:56	1
Toluene-d8 (Surr)	90		64 - 132		04/08/24 08:56	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: DUP-01

Date Collected: 03/28/24 00:00

Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-2

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			04/08/24 09:33	1
Toluene	<1.0		1.0		ug/L			04/08/24 09:33	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 09:33	1
Xylenes, Total	<10		10		ug/L			04/08/24 09:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 130					04/08/24 09:33	1
Dibromofluoromethane	90		75 - 126					04/08/24 09:33	1
Toluene-d8 (Surr)	90		64 - 132					04/08/24 09:33	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-1R

Date Collected: 03/28/24 16:08

Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-3

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			04/08/24 07:41	1
Toluene	<1.0		1.0		ug/L			04/08/24 07:41	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 07:41	1
Xylenes, Total	<10		10		ug/L			04/08/24 07:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 130		04/08/24 07:41	1
Dibromofluoromethane	88		75 - 126		04/08/24 07:41	1
Toluene-d8 (Surr)	92		64 - 132		04/08/24 07:41	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-3
Date Collected: 03/28/24 16:20
Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 09:52	1
Toluene	<1.0		1.0		ug/L			04/08/24 09:52	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 09:52	1
Xylenes, Total	<10		10		ug/L			04/08/24 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130		04/08/24 09:52	1
Dibromofluoromethane	89		75 - 126		04/08/24 09:52	1
Toluene-d8 (Surr)	89		64 - 132		04/08/24 09:52	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-4

Lab Sample ID: 400-253551-5

Date Collected: 03/28/24 16:30

Matrix: Water

Date Received: 03/30/24 08:03

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			04/08/24 10:11	1
Toluene	<1.0		1.0		ug/L			04/08/24 10:11	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 10:11	1
Xylenes, Total	<10		10		ug/L			04/08/24 10:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130					04/08/24 10:11	1
Dibromofluoromethane	89		75 - 126					04/08/24 10:11	1
Toluene-d8 (Surr)	89		64 - 132					04/08/24 10:11	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-5

Date Collected: 03/28/24 16:40

Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 10:29	1
Toluene	<1.0		1.0		ug/L			04/08/24 10:29	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 10:29	1
Xylenes, Total	<10		10		ug/L			04/08/24 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 130		04/08/24 10:29	1
Dibromofluoromethane	93		75 - 126		04/08/24 10:29	1
Toluene-d8 (Surr)	90		64 - 132		04/08/24 10:29	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-6
Date Collected: 03/28/24 16:50
Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 10:48	1
Toluene	<1.0		1.0		ug/L			04/08/24 10:48	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 10:48	1
Xylenes, Total	<10		10		ug/L			04/08/24 10:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 130		04/08/24 10:48	1
Dibromofluoromethane	92		75 - 126		04/08/24 10:48	1
Toluene-d8 (Surr)	89		64 - 132		04/08/24 10:48	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-7
Date Collected: 03/28/24 16:54
Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 11:44	1
Toluene	<1.0		1.0		ug/L			04/08/24 11:44	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 11:44	1
Xylenes, Total	<10		10		ug/L			04/08/24 11:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130		04/08/24 11:44	1
Dibromofluoromethane	93		75 - 126		04/08/24 11:44	1
Toluene-d8 (Surr)	90		64 - 132		04/08/24 11:44	1

Client Sample Results

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

Job ID: 400-253551-1

Client Sample ID: MW-8
Date Collected: 03/28/24 16:58
Date Received: 03/30/24 08:03

Lab Sample ID: 400-253551-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			04/08/24 12:02	1
Toluene	<1.0		1.0		ug/L			04/08/24 12:02	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 12:02	1
Xylenes, Total	<10		10		ug/L			04/08/24 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 130		04/08/24 12:02	1
Dibromofluoromethane	91		75 - 126		04/08/24 12:02	1
Toluene-d8 (Surr)	90		64 - 132		04/08/24 12:02	1

Definitions/Glossary

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

Job ID: 400-253551-1

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: 400-253551-1

Client Sample ID: TB-01**Lab Sample ID: 400-253551-1****Date Collected: 03/28/24 15:45****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 08:56	CAR	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-253551-2****Date Collected: 03/28/24 00:00****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 09:33	CAR	EET PEN

Client Sample ID: MW-1R**Lab Sample ID: 400-253551-3****Date Collected: 03/28/24 16:08****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 07:41	CAR	EET PEN

Client Sample ID: MW-3**Lab Sample ID: 400-253551-4****Date Collected: 03/28/24 16:20****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 09:52	CAR	EET PEN

Client Sample ID: MW-4**Lab Sample ID: 400-253551-5****Date Collected: 03/28/24 16:30****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 10:11	CAR	EET PEN

Client Sample ID: MW-5**Lab Sample ID: 400-253551-6****Date Collected: 03/28/24 16:40****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 10:29	CAR	EET PEN

Client Sample ID: MW-6**Lab Sample ID: 400-253551-7****Date Collected: 03/28/24 16:50****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 10:48	CAR	EET PEN

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Lab Chronicle

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

Job ID: 400-253551-1

Client Sample ID: MW-7**Lab Sample ID: 400-253551-8****Date Collected: 03/28/24 16:54****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 11:44	CAR	EET PEN

Client Sample ID: MW-8**Lab Sample ID: 400-253551-9****Date Collected: 03/28/24 16:58****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 12:02	CAR	EET PEN

Client Sample ID: Method Blank**Lab Sample ID: MB 400-667158/5****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	667158	04/08/24 07:23	CAR	EET PEN

Client Sample ID: Lab Control Sample**Lab Sample ID: LCS 400-667158/1001****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	667158	04/08/24 05:57	CAR	EET PEN

Client Sample ID: MW-1R**Lab Sample ID: 400-253551-3 MS****Date Collected: 03/28/24 16:08****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 08:00	CAR	EET PEN

Client Sample ID: MW-1R**Lab Sample ID: 400-253551-3 MSD****Date Collected: 03/28/24 16:08****Matrix: Water****Date Received: 03/30/24 08:03**

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	667158	04/08/24 08:19	CAR	EET PEN

Laboratory References:

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

Eurofins Pensacola

QC Association Summary

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

Job ID: 400-253551-1

GC/MS VOA

Analysis Batch: 667158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-253551-1	TB-01	Total/NA	Water	8260D	
400-253551-2	DUP-01	Total/NA	Water	8260D	
400-253551-3	MW-1R	Total/NA	Water	8260D	
400-253551-4	MW-3	Total/NA	Water	8260D	
400-253551-5	MW-4	Total/NA	Water	8260D	
400-253551-6	MW-5	Total/NA	Water	8260D	
400-253551-7	MW-6	Total/NA	Water	8260D	
400-253551-8	MW-7	Total/NA	Water	8260D	
400-253551-9	MW-8	Total/NA	Water	8260D	
MB 400-667158/5	Method Blank	Total/NA	Water	8260D	
LCS 400-667158/1001	Lab Control Sample	Total/NA	Water	8260D	
400-253551-3 MS	MW-1R	Total/NA	Water	8260D	
400-253551-3 MSD	MW-1R	Total/NA	Water	8260D	

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-253551-1

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

Lab Sample ID: MB 400-667158/5

Matrix: Water

Analysis Batch: 667158

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			04/08/24 07:23	1
Toluene	<1.0		1.0		ug/L			04/08/24 07:23	1
Ethylbenzene	<1.0		1.0		ug/L			04/08/24 07:23	1
Xylenes, Total	<10		10		ug/L			04/08/24 07:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 130		04/08/24 07:23	1
Dibromofluoromethane	89		75 - 126		04/08/24 07:23	1
Toluene-d8 (Surr)	93		64 - 132		04/08/24 07:23	1

Lab Sample ID: LCS 400-667158/1001

Matrix: Water

Analysis Batch: 667158

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	48.1		ug/L		96	70 - 130
m-Xylene & p-Xylene	50.0	42.7		ug/L		85	70 - 130
o-Xylene	50.0	43.5		ug/L		87	70 - 130
Toluene	50.0	46.4		ug/L		93	70 - 130
Ethylbenzene	50.0	46.5		ug/L		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		72 - 130
Dibromofluoromethane	87		75 - 126
Toluene-d8 (Surr)	93		64 - 132

Lab Sample ID: 400-253551-3 MS

Matrix: Water

Analysis Batch: 667158

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	42.5		ug/L		85	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	37.7		ug/L		75	57 - 130
o-Xylene	<5.0		50.0	38.4		ug/L		77	61 - 130
Toluene	<1.0		50.0	40.2		ug/L		80	65 - 130
Ethylbenzene	<1.0		50.0	40.9		ug/L		82	58 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	102		72 - 130
Dibromofluoromethane	87		75 - 126
Toluene-d8 (Surr)	94		64 - 132

Lab Sample ID: 400-253551-3 MSD

Matrix: Water

Analysis Batch: 667158

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	Limit
Benzene	<1.0		50.0	40.2		ug/L		80	56 - 142	6	30

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QC Sample Results

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

Job ID: 400-253551-1

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

Lab Sample ID: 400-253551-3 MSD							Client Sample ID: MW-1R				
Matrix: Water							Prep Type: Total/NA				
Analysis Batch: 667158											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<5.0		50.0	31.2		ug/L		62	57 - 130	19	30
o-Xylene	<5.0		50.0	32.5		ug/L		65	61 - 130	16	30
Toluene	<1.0		50.0	36.4		ug/L		73	65 - 130	10	30
Ethylbenzene	<1.0		50.0	34.2		ug/L		68	58 - 131	18	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	100		72 - 130								
Dibromofluoromethane	86		75 - 126								
Toluene-d8 (Surr)	93		64 - 132								

Eurofins Pensacola

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



Chain of Custody Record



Environment Testing

400-253551 COC		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-129034-41346.1	
Client Information		ler: SRC DRU		E-Mail: Cheyenne.Whitmire@et.eurofinsus.com		State of Origin: NM	
Client Contact: Joe Wiley		Phone: 913 980 0281		Page: Page 1 of 1		Job #:	
Company: El Paso Energy Corporation		PWSID:		Analysis Requested			
Address: 1001 Louisiana Street Room S1905B		Due Date Requested:		<div>Field Filtered Sample (Yes or No)</div> <div>8260D - BTEX - 8260</div> <div>Total Number of Containers</div>			
City: Houston		TAT Requested (days): STD					
State, Zip: TX, 77002		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No					
Phone:		PO #: WD1040034					
Email: joe.wiley@kindermorgan.com		WO #: GCU#124_ERG_ARF_10_24_2023					
Project Name: Gallegos Canyon Unit #124E.00		Project #: 40015823		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:			
Site:		SSOW#:					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Special Instructions/Note:	
				Preservation Code:			
TB-01		3/28/2024	1545	G	Water	2	Trip Blank
DUP-01		3/28/2024	—	G	Water	2	—
MW-1R		3/28/2024	1608	G	Water	2	—
MW-3		3/28/2024	1620	G	Water	2	—
MW-4		3/28/2024	1630	G	Water	2	—
MW-5		3/28/2024	1640	G	Water	2	—
MW-6		3/28/2024	1650	G	Water	2	—
MW-7		3/28/2024	1654	G	Water	2	—
MW-8		3/28/2024	1658	G	Water	2	—
SHE					Water		
					Water		
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological							
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Deliverable Requested: I, II, III, IV, Other (specify)							
Special Instructions/QC Requirements:							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Sam N. Gary		Date/Time: 3/29/2024 1100		Company: STW		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by: BP	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.0°C Ice			

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-253551-1

Login Number: 253551

List Source: Eurofins Pensacola

List Number: 1

Creator: Earnest, Tamantha

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	N/A	
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: 400-253551-1

Laboratory: Eurofins Pensacola

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

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-24
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-24
California	State	2510	06-30-24
Florida	NELAP	E81010	06-30-24
Georgia	State	E81010(FL)	06-30-24
Illinois	NELAP	200041	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-24
Louisiana (All)	NELAP	30976	06-30-24
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-24
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-24
Tennessee	State	TN02907	06-30-24
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-24
USDA	US Federal Programs	P330-21-00056	05-17-24
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-24
West Virginia DEP	State	136	03-31-25



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/31/2024 9:20:29 AM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-256222-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.
Released to Imaging: 9/2/2025 6:24:33 AM



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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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(850)471-6222

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

Laboratory Job ID: 400-256222-1

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Case Narrative

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

Job ID: 400-256222-1

Job ID: 400-256222-1

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Job Narrative
400-256222-1

Receipt

The samples were received on 5/18/2024 8:32 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

GC/MS VOA

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 400-672652 was outside control limits. Sample non-homogeneity is suspected.

Method 8260D: The matrix spike duplicate (MSD) recoveries for analytical batch 400-672652 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

VOA Prep

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

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Detection Summary

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

Job ID: 400-256222-1

Client Sample ID: TB-01	Lab Sample ID: 400-256222-1
No Detections.	
Client Sample ID: DUP-01	Lab Sample ID: 400-256222-2
No Detections.	
Client Sample ID: MW-1R	Lab Sample ID: 400-256222-3
No Detections.	
Client Sample ID: MW-3	Lab Sample ID: 400-256222-4
No Detections.	
Client Sample ID: MW-4	Lab Sample ID: 400-256222-5
No Detections.	
Client Sample ID: MW-5	Lab Sample ID: 400-256222-6
No Detections.	
Client Sample ID: MW-6	Lab Sample ID: 400-256222-7
No Detections.	
Client Sample ID: MW-7	Lab Sample ID: 400-256222-8
No Detections.	
Client Sample ID: MW-8	Lab Sample ID: 400-256222-9
No Detections.	

Method Summary

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

Job ID: 400-256222-1

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: 400-256222-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256222-1	TB-01	Water	05/14/24 17:15	05/18/24 08:32
400-256222-2	DUP-01	Water	05/14/24 00:00	05/18/24 08:32
400-256222-3	MW-1R	Water	05/14/24 17:25	05/18/24 08:32
400-256222-4	MW-3	Water	05/14/24 17:38	05/18/24 08:32
400-256222-5	MW-4	Water	05/14/24 17:45	05/18/24 08:32
400-256222-6	MW-5	Water	05/14/24 17:50	05/18/24 08:32
400-256222-7	MW-6	Water	05/14/24 18:00	05/18/24 08:32
400-256222-8	MW-7	Water	05/14/24 18:08	05/18/24 08:32
400-256222-9	MW-8	Water	05/14/24 18:18	05/18/24 08:32

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: TB-01

Date Collected: 05/14/24 17:15

Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 17:56	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 17:56	1
Toluene	<1.0		1.0		ug/L			05/24/24 17:56	1
Xylenes, Total	<10		10		ug/L			05/24/24 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130		05/24/24 17:56	1
Dibromofluoromethane	94		75 - 126		05/24/24 17:56	1
Toluene-d8 (Surr)	100		64 - 132		05/24/24 17:56	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: DUP-01
Date Collected: 05/14/24 00:00
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-2
Matrix: Water

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

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130		05/24/24 18:21	1
Dibromofluoromethane	93		75 - 126		05/24/24 18:21	1
Toluene-d8 (Surr)	103		64 - 132		05/24/24 18:21	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-1R
Date Collected: 05/14/24 17:25
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-3
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			05/24/24 18:46	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 18:46	1
Toluene	<1.0		1.0		ug/L			05/24/24 18:46	1
Xylenes, Total	<10		10		ug/L			05/24/24 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		72 - 130		05/24/24 18:46	1
Dibromofluoromethane	90		75 - 126		05/24/24 18:46	1
Toluene-d8 (Surr)	100		64 - 132		05/24/24 18:46	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-3
Date Collected: 05/14/24 17:38
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 19:12	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 19:12	1
Toluene	<1.0		1.0		ug/L			05/24/24 19:12	1
Xylenes, Total	<10		10		ug/L			05/24/24 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		72 - 130					05/24/24 19:12	1
Dibromofluoromethane	91		75 - 126					05/24/24 19:12	1
Toluene-d8 (Surr)	99		64 - 132					05/24/24 19:12	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-4
Date Collected: 05/14/24 17:45
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 19:37	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 19:37	1
Toluene	<1.0		1.0		ug/L			05/24/24 19:37	1
Xylenes, Total	<10		10		ug/L			05/24/24 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		72 - 130		05/24/24 19:37	1
Dibromofluoromethane	90		75 - 126		05/24/24 19:37	1
Toluene-d8 (Surr)	102		64 - 132		05/24/24 19:37	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-5

Lab Sample ID: 400-256222-6

Date Collected: 05/14/24 17:50

Matrix: Water

Date Received: 05/18/24 08:32

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 20:02	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 20:02	1
Toluene	<1.0		1.0		ug/L			05/24/24 20:02	1
Xylenes, Total	<10		10		ug/L			05/24/24 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		72 - 130		05/24/24 20:02	1
Dibromofluoromethane	95		75 - 126		05/24/24 20:02	1
Toluene-d8 (Surr)	102		64 - 132		05/24/24 20:02	1

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Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-6

Date Collected: 05/14/24 18:00

Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 20:27	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 20:27	1
Toluene	<1.0		1.0		ug/L			05/24/24 20:27	1
Xylenes, Total	<10		10		ug/L			05/24/24 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 130		05/24/24 20:27	1
Dibromofluoromethane	90		75 - 126		05/24/24 20:27	1
Toluene-d8 (Surr)	101		64 - 132		05/24/24 20:27	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-7
Date Collected: 05/14/24 18:08
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 20:52	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 20:52	1
Toluene	<1.0		1.0		ug/L			05/24/24 20:52	1
Xylenes, Total	<10		10		ug/L			05/24/24 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130					05/24/24 20:52	1
Dibromofluoromethane	92		75 - 126					05/24/24 20:52	1
Toluene-d8 (Surr)	102		64 - 132					05/24/24 20:52	1

Client Sample Results

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

Job ID: 400-256222-1

Client Sample ID: MW-8
Date Collected: 05/14/24 18:18
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 21:17	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 21:17	1
Toluene	<1.0		1.0		ug/L			05/24/24 21:17	1
Xylenes, Total	<10		10		ug/L			05/24/24 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130		05/24/24 21:17	1
Dibromofluoromethane	91		75 - 126		05/24/24 21:17	1
Toluene-d8 (Surr)	101		64 - 132		05/24/24 21:17	1

Definitions/Glossary

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

Job ID: 400-256222-1

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: 400-256222-1

Client Sample ID: TB-01**Lab Sample ID: 400-256222-1****Date Collected: 05/14/24 17:15****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 17:56	CAR	EET PEN

Client Sample ID: DUP-01**Lab Sample ID: 400-256222-2****Date Collected: 05/14/24 00:00****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 18:21	CAR	EET PEN

Client Sample ID: MW-1R**Lab Sample ID: 400-256222-3****Date Collected: 05/14/24 17:25****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 18:46	CAR	EET PEN

Client Sample ID: MW-3**Lab Sample ID: 400-256222-4****Date Collected: 05/14/24 17:38****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 19:12	CAR	EET PEN

Client Sample ID: MW-4**Lab Sample ID: 400-256222-5****Date Collected: 05/14/24 17:45****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 19:37	CAR	EET PEN

Client Sample ID: MW-5**Lab Sample ID: 400-256222-6****Date Collected: 05/14/24 17:50****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 20:02	CAR	EET PEN

Client Sample ID: MW-6**Lab Sample ID: 400-256222-7****Date Collected: 05/14/24 18:00****Matrix: Water****Date Received: 05/18/24 08:32**

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	672652	05/24/24 20:27	CAR	EET PEN

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Lab Chronicle

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

Job ID: 400-256222-1

Client Sample ID: MW-7
Date Collected: 05/14/24 18:08
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672652	05/24/24 20:52	CAR	EET PEN

Client Sample ID: MW-8
Date Collected: 05/14/24 18:18
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256222-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	672652	05/24/24 21:17	CAR	EET PEN

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

Lab Sample ID: MB 400-672652/4
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	672652	05/24/24 11:14	CAR	EET PEN

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

Lab Sample ID: LCS 400-672652/1002
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	672652	05/24/24 10:08	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: 400-256222-1

GC/MS VOA

Analysis Batch: 672652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256222-1	TB-01	Total/NA	Water	8260D	
400-256222-2	DUP-01	Total/NA	Water	8260D	
400-256222-3	MW-1R	Total/NA	Water	8260D	
400-256222-4	MW-3	Total/NA	Water	8260D	
400-256222-5	MW-4	Total/NA	Water	8260D	
400-256222-6	MW-5	Total/NA	Water	8260D	
400-256222-7	MW-6	Total/NA	Water	8260D	
400-256222-8	MW-7	Total/NA	Water	8260D	
400-256222-9	MW-8	Total/NA	Water	8260D	
MB 400-672652/4	Method Blank	Total/NA	Water	8260D	
LCS 400-672652/1002	Lab Control Sample	Total/NA	Water	8260D	

QC Sample Results

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

Job ID: 400-256222-1

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

Lab Sample ID: MB 400-672652/4

Matrix: Water

Analysis Batch: 672652

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/24/24 11:14	1
Ethylbenzene	<1.0		1.0		ug/L			05/24/24 11:14	1
Toluene	<1.0		1.0		ug/L			05/24/24 11:14	1
Xylenes, Total	<10		10		ug/L			05/24/24 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		72 - 130		05/24/24 11:14	1
Dibromofluoromethane	89		75 - 126		05/24/24 11:14	1
Toluene-d8 (Surr)	102		64 - 132		05/24/24 11:14	1

Lab Sample ID: LCS 400-672652/1002

Matrix: Water

Analysis Batch: 672652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.4		ug/L		93	70 - 130
m-Xylene & p-Xylene	50.0	50.1		ug/L		100	70 - 130
o-Xylene	50.0	49.9		ug/L		100	70 - 130
Ethylbenzene	50.0	51.3		ug/L		103	70 - 130
Toluene	50.0	47.0		ug/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		67 - 134
4-Bromofluorobenzene	105		72 - 130
Dibromofluoromethane	98		75 - 126
Toluene-d8 (Surr)	101		64 - 132

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

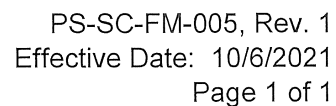
Chain of Custody Record

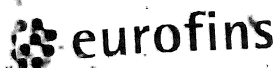


Environment Testing

Client Information		Sampler: <u>Emma Brady</u>		Lab PM: <u>Whitmire, Cheyenne R</u>		400-256222 COC		Tracking No(s):		COC No: <u>400-130509-41346.2</u>													
Client Contact: <u>Joe Wiley</u>		Phone: <u>515-253-0830</u>		E-Mail: <u>Cheyenne.Whitmire@et.eurofinsus.com</u>		State of Origin:		Page: <u>1</u> of <u>2</u> <u>ERB</u>		Job #:													
Company: <u>El Paso Energy Corporation</u>		PWSID:		Analysis Requested																			
Address: <u>1001 Louisiana Street Room S1905B</u>		Due Date Requested: <u>STD</u>		<div>Field Filtered Sample (Yes or No)</div> <div>Perform MS/MSD (Yes or No)</div> <div>8260D - BTEX - 8260</div> <div>ERB</div> <div>Total Number of containers</div>								Preservation Codes: <u>A - HCL</u>											
City: <u>Houston</u>		TAT Requested (days): <u>STD</u>										Other:											
State, Zip: <u>TX, 77002</u>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Phone:		PO #: <u>WD1040034</u>																					
Email: <u>joe.wiley@kindermorgan.com</u>		WO #: <u>GCU#124_ERG_ARF_5-1-2024</u>																					
Project Name: <u>Gallegos Canyon Unit #124E.00</u>		Project #: <u>40015823</u>		<div>ERB</div>								Special Instructions/Note:											
Site:		SSOW#:																					
Sample Identification		Sample Date												Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)					
TB-01		5/14/2024		1715		G		Water		MNX													
DUP-01		5/14/2024		—		G		Water		MNX													
MW-1R		5/14/2024		1725		G		Water		MNX													
MW-3		5/14/2024		1738		G		Water		MNX													
MW-4		5/14/2024		1745		G		Water		MNX													
MW-5		5/14/2024		1750		G		Water		MNX													
MW-6		5/14/2024		1800		G		Water		MNX													
MW-7		5/14/2024		1808		G		W		MNX													
MW-8		5/14/2024		1818		G		W		MNX													
ERB																							
Possible Hazard Identification												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological												<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Deliverable Requested: <u>I, II, III, IV, Other (specify)</u>												Special Instructions/QC Requirements:											
Empty Kit Relinquished by:												Date:											
Relinquished by: <u>E. Ely</u>												Date/Time: <u>5/17/2024 1400</u>											
Relinquished by:												Date/Time:											
Relinquished by:												Date/Time:											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No												Custody Seal No.:											
Cooler Temperature(s) °C and Other Remarks: <u>90°C MB</u>																							

Ver: 06/08/2021





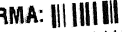
Environment Testing
TestAmerica

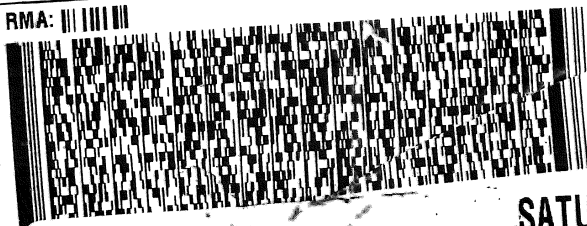
IGIN ID: PNSA (SC5) 675-0151
IN GUEST: SEAN CLARY
ARMINGTON COMFORT SUITES
51 CORTLAND DRIVE
ARMINGTON, NM 87401
UNITED STATES US

SHIP DATE: 03MAY24
ACTWGT: 10.00 LB MAN
CAD: 0823943/CAFE3804

SHIPPING MANAGER
TEST AMERICA PENS
3355 MCLEMORE DR
RETURNS
PENSACOLA FL 32514

(850) 474-1001
REF: S400-130509

RMA: 



FedEx

TRK#
0221

7252 0542 5288

SATURDAY 12:00
PRIORITY OVERNIGHT

XO PNSA



#5513682/05/17 583J4/C458/9AE3

ea/

eurofins

Environment Testing
TestAmerica

2384523

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256222-1

Login Number: 256222

List Source: Eurofins Pensacola

List Number: 1

Creator: Earnest, Tamantha

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	N/A	
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: 400-256222-1

Laboratory: Eurofins Pensacola

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

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/31/2024 9:22:23 AM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-256224-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.
Released to Imaging: 9/2/2025 6:24:33 AM

Eurofins Pensacola

Job Notes

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

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

Authorization



Generated
5/31/2024 9:22:23 AM

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

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

Laboratory Job ID: 400-256224-1

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Case Narrative

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

Job ID: 400-256224-1

Job ID: 400-256224-1

Eurofins Pensacola

Job Narrative
400-256224-1

Receipt

The samples were received on 5/18/2024 8:32 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

GC/MS Semi VOA

Method 8270E SIM: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: (MB 400-672508/1-A) and MW-1R (400-256224-1). These results have been reported and qualified.

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

Organic Prep

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

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5/31/2024

Method Summary

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

Job ID: 400-256224-1

Method	Method Description	Protocol	Laboratory
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET PEN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 400-256224-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-256224-1	MW-1R	Water	05/16/24 18:30	05/18/24 08:32
400-256224-2	DUP-01	Water	05/16/24 00:00	05/18/24 08:32

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

Client Sample Results

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

Job ID: 400-256224-1

Client Sample ID: MW-1R
Date Collected: 05/16/24 18:30
Date Received: 05/18/24 08:32

Lab Sample ID: 400-256224-1
Matrix: Water

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 17:48	1
Naphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 17:48	1
1-Methylnaphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 17:48	1
2-Methylnaphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Terphenyl-d14	150	S1+	18 - 147				05/23/24 09:56	05/23/24 17:48	1
2-Fluorobiphenyl	79		15 - 128				05/23/24 09:56	05/23/24 17:48	1
Nitrobenzene-d5	66		10 - 144				05/23/24 09:56	05/23/24 17:48	1

Client Sample Results

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

Job ID: 400-256224-1

Client Sample ID: DUP-01

Date Collected: 05/16/24 00:00

Date Received: 05/18/24 08:32

Lab Sample ID: 400-256224-2

Matrix: Water

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 18:09	1
Naphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 18:09	1
1-Methylnaphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 18:09	1
2-Methylnaphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Terphenyl-d14	145		18 - 147				05/23/24 09:56	05/23/24 18:09	1
2-Fluorobiphenyl	77		15 - 128				05/23/24 09:56	05/23/24 18:09	1
Nitrobenzene-d5	66		10 - 144				05/23/24 09:56	05/23/24 18:09	1

Definitions/Glossary

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

Job ID: 400-256224-1

Qualifiers

GC/MS Semi VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 400-256224-1

Client Sample ID: MW-1R

Lab Sample ID: 400-256224-1

Date Collected: 05/16/24 18:30

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			248.2 mL	1 mL	672508	05/23/24 09:56	EC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	672542	05/23/24 17:48	JAW	EET PEN

Client Sample ID: DUP-01

Lab Sample ID: 400-256224-2

Date Collected: 05/16/24 00:00

Matrix: Water

Date Received: 05/18/24 08:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			253.4 mL	1 mL	672508	05/23/24 09:56	EC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	672542	05/23/24 18:09	JAW	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 400-672508/1-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	3510C			250 mL	1 mL	672508	05/23/24 09:56	EC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	672542	05/23/24 16:45	JAW	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-672508/2-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	3510C			250 mL	1 mL	672508	05/23/24 09:56	EC	EET PEN
Total/NA	Analysis	8270E SIM		100	0.4 mL	0.4 mL	672542	05/23/24 17:06	JAW	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-672508/3-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	3510C			250 mL	1 mL	672508	05/23/24 09:56	EC	EET PEN
Total/NA	Analysis	8270E SIM		100	0.4 mL	0.4 mL	672542	05/23/24 17:27	JAW	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: 400-256224-1

GC/MS Semi VOA

Prep Batch: 672508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256224-1	MW-1R	Total/NA	Water	3510C	
400-256224-2	DUP-01	Total/NA	Water	3510C	
MB 400-672508/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-672508/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-672508/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 672542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-256224-1	MW-1R	Total/NA	Water	8270E SIM	672508
400-256224-2	DUP-01	Total/NA	Water	8270E SIM	672508
MB 400-672508/1-A	Method Blank	Total/NA	Water	8270E SIM	672508
LCS 400-672508/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	672508
LCSD 400-672508/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	672508

QC Sample Results

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

Job ID: 400-256224-1

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

Lab Sample ID: MB 400-672508/1-A

Matrix: Water

Analysis Batch: 672542

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 672508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 16:45	1
Naphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 16:45	1
1-Methylnaphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 16:45	1
2-Methylnaphthalene	<0.20		0.20		ug/L		05/23/24 09:56	05/23/24 16:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	173	S1+	18 - 147	05/23/24 09:56	05/23/24 16:45	1
2-Fluorobiphenyl	82		15 - 128	05/23/24 09:56	05/23/24 16:45	1
Nitrobenzene-d5	66		10 - 144	05/23/24 09:56	05/23/24 16:45	1

Lab Sample ID: LCS 400-672508/2-A

Matrix: Water

Analysis Batch: 672542

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 672508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	120	77.6		ug/L		65	24 - 140
Naphthalene	120	61.5		ug/L		51	10 - 140
1-Methylnaphthalene	120	66.6		ug/L		55	10 - 140
2-Methylnaphthalene	120	63.5		ug/L		53	10 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	67		18 - 147
2-Fluorobiphenyl	62		15 - 128
Nitrobenzene-d5	73		10 - 144

Lab Sample ID: LCSD 400-672508/3-A

Matrix: Water

Analysis Batch: 672542

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 672508

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene	120	82.0		ug/L		68	24 - 140	5	40
Naphthalene	120	72.4		ug/L		60	10 - 140	16	40
1-Methylnaphthalene	120	78.1		ug/L		65	10 - 140	16	40
2-Methylnaphthalene	120	74.6		ug/L		62	10 - 140	16	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Terphenyl-d14	75		18 - 147
2-Fluorobiphenyl	71		15 - 128
Nitrobenzene-d5	80		10 - 144

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[illegible]

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-256224-1

Login Number: 256224

List Source: Eurofins Pensacola

List Number: 1

Creator: Earnest, Tamantha

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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 $<6\text{mm}$ (1/4").	N/A	
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: 400-256224-1

Laboratory: Eurofins Pensacola

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

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

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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
GCU #124E

JOB NUMBER

400-261519-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

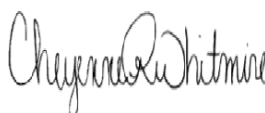
Eurofins Pensacola

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

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

Laboratory Job ID: 400-261519-1
SDG: GCU #124E

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Detection Summary

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-1R	Lab Sample ID: 400-261519-1
No Detections.	
Client Sample ID: MW-3	Lab Sample ID: 400-261519-2
No Detections.	
Client Sample ID: MW-4	Lab Sample ID: 400-261519-3
No Detections.	
Client Sample ID: MW-5	Lab Sample ID: 400-261519-4
No Detections.	
Client Sample ID: MW-6	Lab Sample ID: 400-261519-5
No Detections.	
Client Sample ID: MW-7	Lab Sample ID: 400-261519-6
No Detections.	
Client Sample ID: MW-8	Lab Sample ID: 400-261519-7
No Detections.	
Client Sample ID: DUP-1	Lab Sample ID: 400-261519-8
No Detections.	
Client Sample ID: TRIP BLANK	Lab Sample ID: 400-261519-9
No Detections.	

Method Summary

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

Job ID: 400-261519-1
SDG: GCU #124E

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET PEN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 400-261519-1
SDG: GCU #124E

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-261519-1	MW-1R	Water	08/28/24 09:00	08/29/24 09:34
400-261519-2	MW-3	Water	08/28/24 09:35	08/29/24 09:34
400-261519-3	MW-4	Water	08/28/24 09:42	08/29/24 09:34
400-261519-4	MW-5	Water	08/28/24 09:52	08/29/24 09:34
400-261519-5	MW-6	Water	08/28/24 10:00	08/29/24 09:34
400-261519-6	MW-7	Water	08/28/24 10:12	08/29/24 09:34
400-261519-7	MW-8	Water	08/28/24 10:25	08/29/24 09:34
400-261519-8	DUP-1	Water	08/28/24 12:00	08/29/24 09:34
400-261519-9	TRIP BLANK	Water	08/28/24 12:00	08/29/24 09:34

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Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-1R

Lab Sample ID: 400-261519-1

Date Collected: 08/28/24 09:00

Matrix: Water

Date Received: 08/29/24 09:34

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			09/06/24 16:53	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 16:53	1
Toluene	<1.0		1.0		ug/L			09/06/24 16:53	1
Xylenes, Total	<10		10		ug/L			09/06/24 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 130		09/06/24 16:53	1
Dibromofluoromethane	109		75 - 126		09/06/24 16:53	1
Toluene-d8 (Surr)	95		64 - 132		09/06/24 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:32	1
Naphthalene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:32	1
1-Methylnaphthalene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:32	1
2-Methylnaphthalene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	115		18 - 147	08/30/24 10:43	09/05/24 15:32	1
2-Fluorobiphenyl	86		15 - 128	08/30/24 10:43	09/05/24 15:32	1
Nitrobenzene-d5	76		10 - 144	08/30/24 10:43	09/05/24 15:32	1

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Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-3
Date Collected: 08/28/24 09:35
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-2
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			09/06/24 17:18	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 17:18	1
Toluene	<1.0		1.0		ug/L			09/06/24 17:18	1
Xylenes, Total	<10		10		ug/L			09/06/24 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130		09/06/24 17:18	1
Dibromofluoromethane	107		75 - 126		09/06/24 17:18	1
Toluene-d8 (Surr)	95		64 - 132		09/06/24 17:18	1

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-4
Date Collected: 08/28/24 09:42
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-3
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			09/06/24 17:43	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 17:43	1
Toluene	<1.0		1.0		ug/L			09/06/24 17:43	1
Xylenes, Total	<10		10		ug/L			09/06/24 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130					09/06/24 17:43	1
Dibromofluoromethane	104		75 - 126					09/06/24 17:43	1
Toluene-d8 (Surr)	94		64 - 132					09/06/24 17:43	1

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-5
Date Collected: 08/28/24 09:52
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 18:08	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 18:08	1
Toluene	<1.0		1.0		ug/L			09/06/24 18:08	1
Xylenes, Total	<10		10		ug/L			09/06/24 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		72 - 130		09/06/24 18:08	1
Dibromofluoromethane	109		75 - 126		09/06/24 18:08	1
Toluene-d8 (Surr)	95		64 - 132		09/06/24 18:08	1

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-6
Date Collected: 08/28/24 10:00
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 18:33	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 18:33	1
Toluene	<1.0		1.0		ug/L			09/06/24 18:33	1
Xylenes, Total	<10		10		ug/L			09/06/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 130		09/06/24 18:33	1
Dibromofluoromethane	107		75 - 126		09/06/24 18:33	1
Toluene-d8 (Surr)	95		64 - 132		09/06/24 18:33	1

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-7
Date Collected: 08/28/24 10:12
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 18:58	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 18:58	1
Toluene	<1.0		1.0		ug/L			09/06/24 18:58	1
Xylenes, Total	<10		10		ug/L			09/06/24 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130		09/06/24 18:58	1
Dibromofluoromethane	109		75 - 126		09/06/24 18:58	1
Toluene-d8 (Surr)	93		64 - 132		09/06/24 18:58	1

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-8
Date Collected: 08/28/24 10:25
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 19:23	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 19:23	1
Toluene	<1.0		1.0		ug/L			09/06/24 19:23	1
Xylenes, Total	<10		10		ug/L			09/06/24 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 130		09/06/24 19:23	1
Dibromofluoromethane	109		75 - 126		09/06/24 19:23	1
Toluene-d8 (Surr)	94		64 - 132		09/06/24 19:23	1

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: DUP-1

Lab Sample ID: 400-261519-8

Date Collected: 08/28/24 12:00

Matrix: Water

Date Received: 08/29/24 09:34

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			09/06/24 19:48	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 19:48	1
Toluene	<1.0		1.0		ug/L			09/06/24 19:48	1
Xylenes, Total	<10		10		ug/L			09/06/24 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 130		09/06/24 19:48	1
Dibromofluoromethane	108		75 - 126		09/06/24 19:48	1
Toluene-d8 (Surr)	93		64 - 132		09/06/24 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:53	1
Naphthalene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:53	1
1-Methylnaphthalene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:53	1
2-Methylnaphthalene	<0.21		0.21		ug/L		08/30/24 10:43	09/05/24 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	118		18 - 147	08/30/24 10:43	09/05/24 15:53	1
2-Fluorobiphenyl	84		15 - 128	08/30/24 10:43	09/05/24 15:53	1
Nitrobenzene-d5	83		10 - 144	08/30/24 10:43	09/05/24 15:53	1

Eurofins Pensacola

Client Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: TRIP BLANK
Date Collected: 08/28/24 12:00
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			09/06/24 15:38	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 15:38	1
Toluene	<1.0		1.0		ug/L			09/06/24 15:38	1
Xylenes, Total	<10		10		ug/L			09/06/24 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		72 - 130		09/06/24 15:38	1
Dibromofluoromethane	106		75 - 126		09/06/24 15:38	1
Toluene-d8 (Surr)	94		64 - 132		09/06/24 15:38	1

Definitions/Glossary

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

Job ID: 400-261519-1
SDG: GCU #124E

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: 400-261519-1
SDG: GCU #124E

Client Sample ID: MW-1R**Lab Sample ID: 400-261519-1****Date Collected: 08/28/24 09:00****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 16:53	IMC	EET PEN
Total/NA	Prep	3510C			238.4 mL	1 mL	682938	08/30/24 10:43	STC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	683475	09/05/24 15:32	VC1	EET PEN

Client Sample ID: MW-3**Lab Sample ID: 400-261519-2****Date Collected: 08/28/24 09:35****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 17:18	IMC	EET PEN

Client Sample ID: MW-4**Lab Sample ID: 400-261519-3****Date Collected: 08/28/24 09:42****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 17:43	IMC	EET PEN

Client Sample ID: MW-5**Lab Sample ID: 400-261519-4****Date Collected: 08/28/24 09:52****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 18:08	IMC	EET PEN

Client Sample ID: MW-6**Lab Sample ID: 400-261519-5****Date Collected: 08/28/24 10:00****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 18:33	IMC	EET PEN

Client Sample ID: MW-7**Lab Sample ID: 400-261519-6****Date Collected: 08/28/24 10:12****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 18:58	IMC	EET PEN

Client Sample ID: MW-8**Lab Sample ID: 400-261519-7****Date Collected: 08/28/24 10:25****Matrix: Water****Date Received: 08/29/24 09:34**

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	683610	09/06/24 19:23	IMC	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-261519-1
SDG: GCU #124E

Client Sample ID: DUP-1
Date Collected: 08/28/24 12:00
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683610	09/06/24 19:48	IMC	EET PEN
Total/NA	Prep	3510C			234.2 mL	1 mL	682938	08/30/24 10:43	STC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	683475	09/05/24 15:53	VC1	EET PEN

Client Sample ID: TRIP BLANK
Date Collected: 08/28/24 12:00
Date Received: 08/29/24 09:34

Lab Sample ID: 400-261519-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	683610	09/06/24 15:38	IMC	EET PEN

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

Lab Sample ID: MB 400-682938/1-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	3510C			250 mL	1 mL	682938	08/30/24 10:42	STC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	683475	09/05/24 14:29	VC1	EET PEN

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

Lab Sample ID: MB 400-683610/4
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	683610	09/06/24 12:17	IMC	EET PEN

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

Lab Sample ID: LCS 400-682938/2-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	3510C			250 mL	1 mL	682938	08/30/24 10:42	STC	EET PEN
Total/NA	Analysis	8270E SIM		10	0.4 mL	0.4 mL	683475	09/05/24 14:50	VC1	EET PEN

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

Lab Sample ID: LCS 400-683610/1002
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	683610	09/06/24 11:13	IMC	EET PEN

Lab Chronicle

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

Job ID: 400-261519-1
SDG: GCU #124E

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

Lab Sample ID: LCSD 400-682938/3-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	3510C			250 mL	1 mL	682938	08/30/24 10:42	STC	EET PEN
Total/NA	Analysis	8270E SIM		10	0.4 mL	0.4 mL	683475	09/05/24 15:11	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: 400-261519-1
SDG: GCU #124E

GC/MS VOA

Analysis Batch: 683610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-261519-1	MW-1R	Total/NA	Water	8260D	
400-261519-2	MW-3	Total/NA	Water	8260D	
400-261519-3	MW-4	Total/NA	Water	8260D	
400-261519-4	MW-5	Total/NA	Water	8260D	
400-261519-5	MW-6	Total/NA	Water	8260D	
400-261519-6	MW-7	Total/NA	Water	8260D	
400-261519-7	MW-8	Total/NA	Water	8260D	
400-261519-8	DUP-1	Total/NA	Water	8260D	
400-261519-9	TRIP BLANK	Total/NA	Water	8260D	
MB 400-683610/4	Method Blank	Total/NA	Water	8260D	
LCS 400-683610/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 682938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-261519-1	MW-1R	Total/NA	Water	3510C	
400-261519-8	DUP-1	Total/NA	Water	3510C	
MB 400-682938/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-682938/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-682938/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 683475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-261519-1	MW-1R	Total/NA	Water	8270E SIM	682938
400-261519-8	DUP-1	Total/NA	Water	8270E SIM	682938
MB 400-682938/1-A	Method Blank	Total/NA	Water	8270E SIM	682938
LCS 400-682938/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	682938
LCSD 400-682938/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	682938

QC Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

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

Lab Sample ID: MB 400-683610/4

Matrix: Water

Analysis Batch: 683610

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			09/06/24 12:17	1
Ethylbenzene	<1.0		1.0		ug/L			09/06/24 12:17	1
Toluene	<1.0		1.0		ug/L			09/06/24 12:17	1
Xylenes, Total	<10		10		ug/L			09/06/24 12:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		72 - 130		09/06/24 12:17	1
Dibromofluoromethane	105		75 - 126		09/06/24 12:17	1
Toluene-d8 (Surr)	95		64 - 132		09/06/24 12:17	1

Lab Sample ID: LCS 400-683610/1002

Matrix: Water

Analysis Batch: 683610

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	44.8		ug/L		90	70 - 130
m-Xylene & p-Xylene	50.0	47.9		ug/L		96	70 - 130
o-Xylene	50.0	48.2		ug/L		96	70 - 130
Ethylbenzene	50.0	47.6		ug/L		95	70 - 130
Toluene	50.0	44.4		ug/L		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		67 - 134
4-Bromofluorobenzene	94		72 - 130
Dibromofluoromethane	113		75 - 126
Toluene-d8 (Surr)	96		64 - 132

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

Lab Sample ID: MB 400-682938/1-A

Matrix: Water

Analysis Batch: 683475

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 682938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		08/30/24 10:42	09/05/24 14:29	1
Naphthalene	<0.20		0.20		ug/L		08/30/24 10:42	09/05/24 14:29	1
1-Methylnaphthalene	<0.20		0.20		ug/L		08/30/24 10:42	09/05/24 14:29	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/30/24 10:42	09/05/24 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	132		18 - 147	08/30/24 10:42	09/05/24 14:29	1
2-Fluorobiphenyl	80		15 - 128	08/30/24 10:42	09/05/24 14:29	1
Nitrobenzene-d5	82		10 - 144	08/30/24 10:42	09/05/24 14:29	1

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QC Sample Results

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

Job ID: 400-261519-1
SDG: GCU #124E

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

Lab Sample ID: LCS 400-682938/2-A

Matrix: Water

Analysis Batch: 683475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 682938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	120	94.7		ug/L		79	24 - 140
Naphthalene	120	73.3		ug/L		61	10 - 140
1-Methylnaphthalene	120	75.2		ug/L		63	10 - 140
2-Methylnaphthalene	120	68.6		ug/L		57	10 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	70		18 - 147
2-Fluorobiphenyl	59		15 - 128
Nitrobenzene-d5	56		10 - 144

Lab Sample ID: LCSD 400-682938/3-A

Matrix: Water

Analysis Batch: 683475

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 682938

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene	120	127		ug/L		106	24 - 140	29	40
Naphthalene	120	92.2		ug/L		77	10 - 140	23	40
1-Methylnaphthalene	120	94.6		ug/L		79	10 - 140	23	40
2-Methylnaphthalene	120	86.3		ug/L		72	10 - 140	23	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Terphenyl-d14	90		18 - 147
2-Fluorobiphenyl	82		15 - 128
Nitrobenzene-d5	75		10 - 144


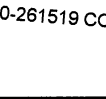

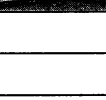
Eurofins Pensacola

Eurofins Pensacola

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

Chain of Custody Record

eurofins | Environment Testing

Client Information		Sampler: DL / SRS		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-132970-41346.1	
Client Contact: Joe Wiley		Phone: 318-866-1431		E-Mail: Cheyenne.Whitmire@et.eurofinsus.com		State of Origin: NM		Page: 1 of 21	
Company: El Paso Energy Corporation		PWSID:		Analysis Requested					
Address: 1001 Louisiana Street Room S1905B		Due Date Requested: Standard		 400-261519 COC					
City: Houston		TAT Requested (days): Standard							
State, Zip: TX, 77002		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No							
Phone:		PO #: WD1040034							
Email: joe.wiley@kindermorgan.com		WO #: GCU#124_ERG_ARF_5-1-2024							
Project Name: Gallegos Canyon Unit #124E.00		Project #: 40015823		 400-261519 COC					
Site: GCU #124E		SSOW#:							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Special Instructions			
MW-1R		8/28/24	0900	G	Water	 400-261519 COC			
MU-3		8/28/24	0935	G	Water				
MU-4		8/28/24	0942	G	Water				
MW-5		8/28/24	0952	G	Water				
MW-6		8/28/24	1000	G	Water				
MU-7		8/28/24	1012	G	Water				
MW-8		8/28/24	1025	G	Water				
DUP-1		8/28/24	-	G	Water				
Trip Blank		8/28/24	-	G	Water	 400-261519 COC			
					Water				
					Water				
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months			
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:			
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:		
Relinquished by: Dr. [Signature]		Date/Time: 8/28/24 1500		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by: [Signature]		Date/Time: 8-29-24 9:34	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.7 IR(1)					

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00
Date: 16Aug24
Wgt: 10.00 LBS
DV:
Ref: S400-132970
Dep:
SVCS: PRIORITY OVERNIGHT Master 7252 0546 2320 TRCK: 7252 0546 2320

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-261519-1

SDG Number: GCU #124E

Login Number: 261519

List Number: 1

Creator: Beecher (Roberts), Alexis J

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	2.7°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 $<6\text{mm}$ (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: 400-261519-1
SDG: GCU #124E

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	10-09-24
Kansas	NELAP	E-10253	10-31-24
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-24
North Carolina (WW/SW)	State	314	12-31-24
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-25
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-24
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	P330-21-00056	01-09-26
USDA	US Federal Programs	FLGNV23001	01-08-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-25



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/30/2024 10:47:12 AM

JOB DESCRIPTION

Gallegos Canyon Unit #124E.00

JOB NUMBER

400-265807-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

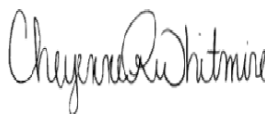
Eurofins Pensacola

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

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

Laboratory Job ID: 400-265807-1

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Detection Summary

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

Job ID: 400-265807-1

Client Sample ID: TB-01	Lab Sample ID: 400-265807-1
No Detections.	
Client Sample ID: DUP-01	Lab Sample ID: 400-265807-2
No Detections.	
Client Sample ID: MW-1R	Lab Sample ID: 400-265807-3
No Detections.	
Client Sample ID: MW-3	Lab Sample ID: 400-265807-4
No Detections.	
Client Sample ID: MW-4	Lab Sample ID: 400-265807-5
No Detections.	
Client Sample ID: MW-5	Lab Sample ID: 400-265807-6
No Detections.	
Client Sample ID: MW-6	Lab Sample ID: 400-265807-7
No Detections.	
Client Sample ID: MW-7	Lab Sample ID: 400-265807-8
No Detections.	
Client Sample ID: MW-8	Lab Sample ID: 400-265807-9
No Detections.	

Method Summary

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

Job ID: 400-265807-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET PEN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 400-265807-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-265807-1	TB-01	Water	11/08/24 14:30	11/12/24 09:24
400-265807-2	DUP-01	Water	11/08/24 12:00	11/12/24 09:24
400-265807-3	MW-1R	Water	11/08/24 14:55	11/12/24 09:24
400-265807-4	MW-3	Water	11/08/24 15:40	11/12/24 09:24
400-265807-5	MW-4	Water	11/08/24 15:48	11/12/24 09:24
400-265807-6	MW-5	Water	11/08/24 15:56	11/12/24 09:24
400-265807-7	MW-6	Water	11/08/24 16:04	11/12/24 09:24
400-265807-8	MW-7	Water	11/08/24 16:13	11/12/24 09:24
400-265807-9	MW-8	Water	11/08/24 16:21	11/12/24 09:24

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Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: TB-01 Lab Sample ID: 400-265807-1
Date Collected: 11/08/24 14:30 Matrix: Water
Date Received: 11/12/24 09:24

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 16:51	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 16:51	1
Toluene	<1.0		1.0		ug/L			11/20/24 16:51	1
Xylenes, Total	<10		10		ug/L			11/20/24 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 130					11/20/24 16:51	1
Dibromofluoromethane	100		75 - 126					11/20/24 16:51	1
Toluene-d8 (Surr)	103		64 - 132					11/20/24 16:51	1

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: DUP-01

Lab Sample ID: 400-265807-2

Date Collected: 11/08/24 12:00

Matrix: Water

Date Received: 11/12/24 09:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/20/24 17:14	1
Ethylbenzene	<1.0		1.0		ug/L			11/20/24 17:14	1
Toluene	<1.0		1.0		ug/L			11/20/24 17:14	1
Xylenes, Total	<10		10		ug/L			11/20/24 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		72 - 130		11/20/24 17:14	1
Dibromofluoromethane	104		75 - 126		11/20/24 17:14	1
Toluene-d8 (Surr)	103		64 - 132		11/20/24 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.22		0.22		ug/L		11/15/24 11:27	11/19/24 18:21	1
Naphthalene	<0.22		0.22		ug/L		11/15/24 11:27	11/19/24 18:21	1
1-Methylnaphthalene	<0.22		0.22		ug/L		11/15/24 11:27	11/19/24 18:21	1
2-Methylnaphthalene	<0.22		0.22		ug/L		11/15/24 11:27	11/19/24 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	94		18 - 147	11/15/24 11:27	11/19/24 18:21	1
2-Fluorobiphenyl	88		15 - 128	11/15/24 11:27	11/19/24 18:21	1
Nitrobenzene-d5	85		10 - 144	11/15/24 11:27	11/19/24 18:21	1

Eurofins Pensacola

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-1R

Lab Sample ID: 400-265807-3

Date Collected: 11/08/24 14:55

Matrix: Water

Date Received: 11/12/24 09:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 08:43	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 08:43	1
Toluene	<1.0		1.0		ug/L			11/21/24 08:43	1
Xylenes, Total	<10		10		ug/L			11/21/24 08:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	122		72 - 130					11/21/24 08:43	1
Dibromofluoromethane	96		75 - 126					11/21/24 08:43	1
Toluene-d8 (Surr)	105		64 - 132					11/21/24 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.21		0.21		ug/L		11/15/24 11:27	11/19/24 18:42	1
Naphthalene	<0.21		0.21		ug/L		11/15/24 11:27	11/19/24 18:42	1
1-Methylnaphthalene	<0.21		0.21		ug/L		11/15/24 11:27	11/19/24 18:42	1
2-Methylnaphthalene	<0.21		0.21		ug/L		11/15/24 11:27	11/19/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Terphenyl-d14	96		18 - 147				11/15/24 11:27	11/19/24 18:42	1
2-Fluorobiphenyl	92		15 - 128				11/15/24 11:27	11/19/24 18:42	1
Nitrobenzene-d5	89		10 - 144				11/15/24 11:27	11/19/24 18:42	1

Eurofins Pensacola

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-3
Date Collected: 11/08/24 15:40
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 09:05	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 09:05	1
Toluene	<1.0		1.0		ug/L			11/21/24 09:05	1
Xylenes, Total	<10		10		ug/L			11/21/24 09:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		72 - 130		11/21/24 09:05	1
Dibromofluoromethane	97		75 - 126		11/21/24 09:05	1
Toluene-d8 (Surr)	124		64 - 132		11/21/24 09:05	1

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-4

Date Collected: 11/08/24 15:48

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 09:28	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 09:28	1
Toluene	<1.0		1.0		ug/L			11/21/24 09:28	1
Xylenes, Total	<10		10		ug/L			11/21/24 09:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 130		11/21/24 09:28	1
Dibromofluoromethane	100		75 - 126		11/21/24 09:28	1
Toluene-d8 (Surr)	106		64 - 132		11/21/24 09:28	1

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-5
Date Collected: 11/08/24 15:56
Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 09:51	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 09:51	1
Toluene	<1.0		1.0		ug/L			11/21/24 09:51	1
Xylenes, Total	<10		10		ug/L			11/21/24 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		72 - 130		11/21/24 09:51	1
Dibromofluoromethane	85		75 - 126		11/21/24 09:51	1
Toluene-d8 (Surr)	118		64 - 132		11/21/24 09:51	1

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-6

Date Collected: 11/08/24 16:04

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 10:13	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 10:13	1
Toluene	<1.0		1.0		ug/L			11/21/24 10:13	1
Xylenes, Total	<10		10		ug/L			11/21/24 10:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		72 - 130					11/21/24 10:13	1
Dibromofluoromethane	101		75 - 126					11/21/24 10:13	1
Toluene-d8 (Surr)	107		64 - 132					11/21/24 10:13	1

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-7

Date Collected: 11/08/24 16:13

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 10:36	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 10:36	1
Toluene	<1.0		1.0		ug/L			11/21/24 10:36	1
Xylenes, Total	<10		10		ug/L			11/21/24 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		72 - 130		11/21/24 10:36	1
Dibromofluoromethane	101		75 - 126		11/21/24 10:36	1
Toluene-d8 (Surr)	106		64 - 132		11/21/24 10:36	1

Client Sample Results

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

Job ID: 400-265807-1

Client Sample ID: MW-8

Date Collected: 11/08/24 16:21

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 10:59	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 10:59	1
Toluene	<1.0		1.0		ug/L			11/21/24 10:59	1
Xylenes, Total	<10		10		ug/L			11/21/24 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		72 - 130		11/21/24 10:59	1
Dibromofluoromethane	81		75 - 126		11/21/24 10:59	1
Toluene-d8 (Surr)	82		64 - 132		11/21/24 10:59	1

Definitions/Glossary

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

Job ID: 400-265807-1

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: 400-265807-1

Client Sample ID: TB-01

Date Collected: 11/08/24 14:30

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-1

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	691768	11/20/24 16:51	WPD	EET PEN

Client Sample ID: DUP-01

Date Collected: 11/08/24 12:00

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-2

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	691768	11/20/24 17:14	WPD	EET PEN
Total/NA	Prep	3510C			227.4 mL	1 mL	691360	11/15/24 11:27	STC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	691664	11/19/24 18:21	JAW	EET PEN

Client Sample ID: MW-1R

Date Collected: 11/08/24 14:55

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-3

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	691933	11/21/24 08:43	WPD	EET PEN
Total/NA	Prep	3510C			232.6 mL	1 mL	691360	11/15/24 11:27	STC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	691664	11/19/24 18:42	JAW	EET PEN

Client Sample ID: MW-3

Date Collected: 11/08/24 15:40

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-4

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	691933	11/21/24 09:05	WPD	EET PEN

Client Sample ID: MW-4

Date Collected: 11/08/24 15:48

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-5

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	691933	11/21/24 09:28	WPD	EET PEN

Client Sample ID: MW-5

Date Collected: 11/08/24 15:56

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-6

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	691933	11/21/24 09:51	WPD	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-265807-1

Client Sample ID: MW-6

Date Collected: 11/08/24 16:04

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-7

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	691933	11/21/24 10:13	WPD	EET PEN

Client Sample ID: MW-7

Date Collected: 11/08/24 16:13

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 10:36	WPD	EET PEN

Client Sample ID: MW-8

Date Collected: 11/08/24 16:21

Date Received: 11/12/24 09:24

Lab Sample ID: 400-265807-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 10:59	WPD	EET PEN

Client Sample ID: Method Blank

Date Collected: N/A

Date Received: N/A

Lab Sample ID: MB 400-691360/1-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	3510C			250 mL	1 mL	691360	11/15/24 11:27	STC	EET PEN
Total/NA	Analysis	8270E SIM		1	0.4 mL	0.4 mL	691664	11/19/24 16:56	JAW	EET PEN

Client Sample ID: Method Blank

Date Collected: N/A

Date Received: N/A

Lab Sample ID: MB 400-691768/4

Matrix: Water

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

Client Sample ID: Method Blank

Date Collected: N/A

Date Received: N/A

Lab Sample ID: MB 400-691933/4

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	691933	11/21/24 07:57	WPD	EET PEN

Client Sample ID: Lab Control Sample

Date Collected: N/A

Date Received: N/A

Lab Sample ID: LCS 400-691360/2-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	3510C			250 mL	1 mL	691360	11/15/24 11:27	STC	EET PEN
Total/NA	Analysis	8270E SIM		10	0.4 mL	0.4 mL	691664	11/19/24 17:17	JAW	EET PEN

Eurofins Pensacola

Lab Chronicle

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

Job ID: 400-265807-1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-691768/1002

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	691768	11/20/24 07:58	WPD	EET PEN

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 400-691933/1002

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	691933	11/21/24 07:00	WPD	EET PEN

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 400-691360/3-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	3510C			250 mL	1 mL	691360	11/15/24 11:27	STC	EET PEN
Total/NA	Analysis	8270E SIM		10	0.4 mL	0.4 mL	691664	11/19/24 17:38	JAW	EET PEN

Client Sample ID: MW-1R

Lab Sample ID: 400-265807-3 MS

Date Collected: 11/08/24 14:55

Matrix: Water

Date Received: 11/12/24 09:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 11:44	WPD	EET PEN

Client Sample ID: MW-1R

Lab Sample ID: 400-265807-3 MSD

Date Collected: 11/08/24 14:55

Matrix: Water

Date Received: 11/12/24 09:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	691933	11/21/24 12:07	WPD	EET PEN

Laboratory References:

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

QC Association Summary

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

Job ID: 400-265807-1

GC/MS VOA

Analysis Batch: 691768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265807-1	TB-01	Total/NA	Water	8260D	
400-265807-2	DUP-01	Total/NA	Water	8260D	
MB 400-691768/4	Method Blank	Total/NA	Water	8260D	
LCS 400-691768/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 691933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265807-3	MW-1R	Total/NA	Water	8260D	
400-265807-4	MW-3	Total/NA	Water	8260D	
400-265807-5	MW-4	Total/NA	Water	8260D	
400-265807-6	MW-5	Total/NA	Water	8260D	
400-265807-7	MW-6	Total/NA	Water	8260D	
400-265807-8	MW-7	Total/NA	Water	8260D	
400-265807-9	MW-8	Total/NA	Water	8260D	
MB 400-691933/4	Method Blank	Total/NA	Water	8260D	
LCS 400-691933/1002	Lab Control Sample	Total/NA	Water	8260D	
400-265807-3 MS	MW-1R	Total/NA	Water	8260D	
400-265807-3 MSD	MW-1R	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 691360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265807-2	DUP-01	Total/NA	Water	3510C	
400-265807-3	MW-1R	Total/NA	Water	3510C	
MB 400-691360/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-691360/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-691360/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 691664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-265807-2	DUP-01	Total/NA	Water	8270E SIM	691360
400-265807-3	MW-1R	Total/NA	Water	8270E SIM	691360
MB 400-691360/1-A	Method Blank	Total/NA	Water	8270E SIM	691360
LCS 400-691360/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	691360
LCSD 400-691360/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	691360

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-265807-1

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

Lab Sample ID: MB 400-691768/4

Matrix: Water

Analysis Batch: 691768

Client Sample ID: Method Blank

Prep Type: Total/NA

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

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

Lab Sample ID: LCS 400-691768/1002

Matrix: Water

Analysis Batch: 691768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	54.3		ug/L		109	70 - 130
m-Xylene & p-Xylene	50.0	53.3		ug/L		107	70 - 130
o-Xylene	50.0	56.0		ug/L		112	70 - 130
Ethylbenzene	50.0	56.2		ug/L		112	70 - 130
Toluene	50.0	56.2		ug/L		112	70 - 130

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

Lab Sample ID: MB 400-691933/4

Matrix: Water

Analysis Batch: 691933

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			11/21/24 07:57	1
Ethylbenzene	<1.0		1.0		ug/L			11/21/24 07:57	1
Toluene	<1.0		1.0		ug/L			11/21/24 07:57	1
Xylenes, Total	<10		10		ug/L			11/21/24 07:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		72 - 130		11/21/24 07:57	1
Dibromofluoromethane	101		75 - 126		11/21/24 07:57	1
Toluene-d8 (Surr)	101		64 - 132		11/21/24 07:57	1

Lab Sample ID: LCS 400-691933/1002

Matrix: Water

Analysis Batch: 691933

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	52.9		ug/L		106	70 - 130

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QC Sample Results

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

Job ID: 400-265807-1

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

Lab Sample ID: LCS 400-691933/1002

Matrix: Water

Analysis Batch: 691933

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	50.8		ug/L		102	70 - 130
o-Xylene	50.0	53.2		ug/L		106	70 - 130
Ethylbenzene	50.0	54.7		ug/L		109	70 - 130
Toluene	50.0	55.5		ug/L		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		67 - 134
4-Bromofluorobenzene	97		72 - 130
Dibromofluoromethane	94		75 - 126
Toluene-d8 (Surr)	97		64 - 132

Lab Sample ID: 400-265807-3 MS

Matrix: Water

Analysis Batch: 691933

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	41.3		ug/L		83	56 - 142
m-Xylene & p-Xylene	<5.0		50.0	42.0		ug/L		84	57 - 130
o-Xylene	<5.0		50.0	43.4		ug/L		87	61 - 130
Ethylbenzene	<1.0		50.0	45.3		ug/L		91	58 - 131
Toluene	<1.0		50.0	56.5		ug/L		113	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		67 - 134
4-Bromofluorobenzene	81		72 - 130
Dibromofluoromethane	93		75 - 126
Toluene-d8 (Surr)	123		64 - 132

Lab Sample ID: 400-265807-3 MSD

Matrix: Water

Analysis Batch: 691933

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	51.7		ug/L		103	56 - 142	22	30
m-Xylene & p-Xylene	<5.0		50.0	49.5		ug/L		99	57 - 130	16	30
o-Xylene	<5.0		50.0	53.1		ug/L		106	61 - 130	20	30
Ethylbenzene	<1.0		50.0	53.5		ug/L		107	58 - 131	16	30
Toluene	<1.0		50.0	46.8		ug/L		94	65 - 130	19	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	115		67 - 134
4-Bromofluorobenzene	109		72 - 130
Dibromofluoromethane	100		75 - 126
Toluene-d8 (Surr)	90		64 - 132

Eurofins Pensacola

QC Sample Results

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

Job ID: 400-265807-1

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

Lab Sample ID: MB 400-691360/1-A

Matrix: Water

Analysis Batch: 691664

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 691360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		11/15/24 11:27	11/19/24 16:56	1
Naphthalene	<0.20		0.20		ug/L		11/15/24 11:27	11/19/24 16:56	1
1-Methylnaphthalene	<0.20		0.20		ug/L		11/15/24 11:27	11/19/24 16:56	1
2-Methylnaphthalene	<0.20		0.20		ug/L		11/15/24 11:27	11/19/24 16:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	110		18 - 147	11/15/24 11:27	11/19/24 16:56	1
2-Fluorobiphenyl	85		15 - 128	11/15/24 11:27	11/19/24 16:56	1
Nitrobenzene-d5	88		10 - 144	11/15/24 11:27	11/19/24 16:56	1

Lab Sample ID: LCS 400-691360/2-A

Matrix: Water

Analysis Batch: 691664

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 691360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	120	109		ug/L		91	24 - 140
Naphthalene	120	99.7		ug/L		83	10 - 140
1-Methylnaphthalene	120	103		ug/L		86	10 - 140
2-Methylnaphthalene	120	97.7		ug/L		81	10 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14	89		18 - 147
2-Fluorobiphenyl	89		15 - 128
Nitrobenzene-d5	111		10 - 144

Lab Sample ID: LCSD 400-691360/3-A

Matrix: Water

Analysis Batch: 691664

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 691360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene	120	112		ug/L		93	24 - 140	3	40
Naphthalene	120	99.1		ug/L		83	10 - 140	1	40
1-Methylnaphthalene	120	99.2		ug/L		83	10 - 140	4	40
2-Methylnaphthalene	120	95.6		ug/L		80	10 - 140	2	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Terphenyl-d14	91		18 - 147
2-Fluorobiphenyl	93		15 - 128
Nitrobenzene-d5	112		10 - 144

Eurofins Pensacola


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):		COC No: 400-134754-41346.1															
Client Contact: Joe Wiley		Phone: 913 980 0281		E-Mail: Cheyenne.Whitmire@et.eurofinsus.com		State of Origin: NM		Page: Page 1 of 2 SCL															
Company: El Paso Energy Corporation		PWSID:		Analysis Requested						Job #:													
Address: 1001 Louisiana Street Room S1905B		Due Date Requested:		<div>8260D - BTEX - 8260</div> <div>8270E - SIM - Project Specific PAHs</div>						<div>Preservation Codes: A - HCL N - None</div> <div></div> <div>Other: 400-265807 COC</div>													
City: Houston		TAT Requested (days): STD																					
State, Zip: TX, 77002		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Phone: 515 253 0830		PO #: WD1040034																					
Email: joe.wiley@kindermorgan.com		WO #: GCU#124_ERG_ARF_10-25-2024																					
Project Name: Gallegos Canyon Unit #124E.00		Project #: 40015823																					
Site:		SSOW#:																					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)							Special Instructions/Note:											
TB-01		11-8-2024	1430	G	Water	X						Trip Blank											
DUP-01		11-8-2024		G	Water	X X																	
MW-1R		11-8-2024	1455	G	Water	X X																	
MW-3		11-8-2024	1540	G	Water	X																	
MW-4		11-8-2024	1548	G	Water	X																	
MW-5		11-8-2024	1556	G	Water	X																	
MW-6		11-8-2024	1604	G	Water	X																	
MW-7		11-8-2024	1613	G	Water	X																	
MW-8		11-8-2024	1621	G	Water	X																	
SCL					Water	SCL																	
SCL					Water	SCL																	
Possible Hazard Identification												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological												<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months											
Deliverable Requested: I, II, III, IV, Other (specify) See ARF												Special Instructions/QC Requirements:											
Empty Kit Relinquished by:				Date:				Time:				Method of Shipment:											
Relinquished by: Sean R Clary				Date/Time: 11-11-2024 1000				Company: STN				Received by:											
Relinquished by:				Date/Time:				Company:				Received by:											
Relinquished by:				Date/Time:				Company:				Received by: 11/12/24 01:24											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: 14 IRI															

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services, Inc.

Job Number: 400-265807-1

Login Number: 265807

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 400-265807-1

Laboratory: Eurofins Pensacola

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

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

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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 444192

CONDITIONS

Operator: El Paso Natural Gas Company, L.L.C 1001 Louisiana Street Houston, TX 77002	OGRID: 7046
	Action Number: 444192
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	9/3/2025
amaxwell	[7046] El Paso Natural Gas Company, L.L.C will transition from submitting annual monitoring and sampling reports, to submitting quarterly monitoring and sampling reports via the OCD Permitting site.	9/3/2025
amaxwell	Submit a C-141N for all monitoring and sampling events.	9/3/2025