RANGER
ENVIRONMENTAL SERVICES, LLC

2024 ANNUAL GROUNDWATER MONITORING REPORT

INEX PIT (AP-24)
INCIDENT NO. NAUTOFAB000275
UNIT G, SECTION 26, TOWNSHIP 18S, RANGE 26E
EDDY COUNTY, NEW MEXICO
32.723633, -104.348046
RANGER REFERENCE NO. 5375

PREPARED FOR:

EOG RESOURCES, INC.
MIDLAND DIVISION
5509 CHAMPIONS DRIVE
MIDLAND, TEXAS 79706

PREPARED BY:

RANGER ENVIRONMENTAL SERVICES, LLC
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MARCH 20, 2025

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Project Geoscientist

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Project Manager

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ATTACHMENTS

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2024 ANNUAL GROUNDWATER MONITORING REPORT
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UNIT 6, SECTION 26, TOWNSHIP 18S, RANGE 26E
EDDY COUNTY, NEW MEXICO
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1.0 SITE LOCATION AND BACKGROUND

The Inex Pit (Site) is a historic oil and gas production pit formerly located at the Inex Battery facility, an oil and gas production facility located on private land, approximately 8.68 miles south-southwest of Artesia, within Eddy County, New Mexico. The facility is situated in Unit G, Section 26, T18S-R26E at GPS coordinates 32.723633, -104.348046. The Inex Battery is currently active and is being operated by Silverback Operating II (Silverback). Based on the site history and transaction history, EOG Resources, Inc. (EOG) maintains environmental responsibility for the impacts to native media at the Site.

The Inex Battery was historically operated by H&S Oil Company (H&S) and the associated unlined Inex Pit was formerly utilized by H&S as an oil and gas fluid storage/impoundment facility. In 1997, Yates Petroleum Corporation (Yates) acquired the Inex Battery and pit from H&S. While operated by Yates, the Inex Pit underwent closure and the assessment of the former pit location was initiated. The pit closure and assessment activities completed by Yates documented impacts to the native media. Due to the documented conditions at the Site, coordination with the New Mexico Oil and Gas Division (NMOCD) was initiated. In September 2016, EOG acquired Yates and its associated assets including the Inex Battery and subject Inex Pit.

Communication and coordination between the NMOCD and Yates continued until 2005 when a Stage I & II Abatement Plan was submitted to the NMOCD. Based on available information, no response was ever received from the NMOCD regarding this plan. Between 2005-2022, fifteen (15) groundwater monitoring events were conducted at the Site.

EOG has engaged Ranger Environmental Services, LLC (Ranger) to assist in the continuation of the assessment and remediation efforts at the Site. In May 2023, Ranger personnel established communications with the NMOCD and began discussion of the Site with NMOCD representatives that included the steps needed to bring the Site into compliance with the current regulatory criteria and New Mexico Administrative Code (NMAC). Based on Ranger's communications with the NMOCD, on August 9, 2023, a comprehensive *Site Chronology and Status Update* report was submitted to the NMOCD to provide the NMOCD with a summary of the Site history and the cumulative soil and groundwater data so that a regulatory path forward could be established.

Based upon communications with NMOCD representatives, groundwater monitoring activities were continued at the subject site in 2023, with an annual groundwater monitoring event completed in November 2023. A February 23, 2024 "*Annual Groundwater Monitoring Report*" was prepared by Ranger and submitted to the NMOCD which documented the 2023 groundwater sampling activities and results. The annual report also included recommendations to conduct

quarterly groundwater monitoring activities at the Site beginning in the second quarter of 2024 with analysis of groundwater samples being limited to the constituents of concern (COCs) which have historically been detected in exceedance of the NMAC 20.6.2.3103 criteria. The report also included recommendations for additional release determination investigative activities, including the installation and sampling of additional monitor wells, to confirm whether or not the pit is the source of the area groundwater impact.

By May 2024, since no response had yet been received from the NMOCD in regard to the August 2023 *Site Chronology and Status Update* report or the February 2024 *Annual Groundwater Monitoring Report*, the recommended quarterly groundwater monitoring program was implemented at the Site. As noted in the 2023 annual report, upon NMOCD review of these reports the recommended subset of the site groundwater monitoring COCs will be modified if requested by the NMOCD.

On October 23, 2024, EOG and NMOCD representatives participated in a meeting to discuss the site status, the recommendations for additional site assessment that were presented in the 2023 annual report, and to determine an appropriate pathway forward for the site. Based on the meeting details, a Ranger-prepared *Assessment Workplan*, dated January 28, 2025, was prepared and submitted to the NMOCD which proposed the additional assessment activities that were discussed with the NMCOD in October 2024. An NMOCD response to the *Assessment Workplan* is currently pending.

This report has been prepared to provide the details and results of the groundwater sampling activities completed in 2024.

A *Topographic Map* and *Area Map* noting the location of the subject Site and surrounding areas are attached. A *Site Map* depicting the pertinent site features is also attached.

2.0 GROUNDWATER MONITORING (2024)

As summarized above, and as recommended in the 2023 annual report, quarterly groundwater monitoring activities were continued at the Site beginning in the second quarter of 2024. A total of three quarterly groundwater monitoring events were conducted at the Site in 2024. The monitoring events were conducted on May 2, 2024, September 26, 2024, and December 12, 2024.

Attached are cumulative summary tables of the Site well gauging data and groundwater laboratory analytical results. Also attached are isoconcentration maps for the primary site groundwater COCs (chloride, sulfate and TDS), groundwater gradient maps, and copies of the laboratory analytical reports. Below is a summary of the 2024 annual groundwater monitoring activities and results.

2.1 Groundwater Monitoring Methodologies

Upon arrival at the Site during each groundwater sampling event, the monitor wells were opened and allowed to equilibrate for approximately 30 minutes prior to the performance of any well gauging or sampling activities. Prior to sampling the groundwater in each monitor well, the wells were first gauged with a decontaminated interface probe to determine the depth to groundwater in each monitor well, and light nonaqueous phase liquid (LNAPL) thicknesses, if any. This data was utilized to determine the site groundwater flow direction and gradient.

Groundwater samples were subsequently collected using low-flow sampling techniques. The wells were purged and sampled using a low flow rate (0.026 to 0.264 gpm) that minimized drawdown. The pump-intake was located in the middle or slightly above the middle of the saturated screened interval. The monitoring wells were purged until the field water quality parameters (i.e., pH, temperature, and conductivity) stabilized. Parameters were considered to have stabilized if, over three consecutive readings, the following criteria were met:

- pH ±0.1 unit
- Temperature within 3%
- Conductivity within 3%

All sample containers were filled with minimal turbulence. Due to sample turbidity, the samples collected for dissolved metals analysis were first field-filtered through a 10-micron pore size filter. Ranger personnel wore new nitrile gloves while handling each sample in order to prevent cross-contamination of samples.

All samples were containerized using properly selected and cleaned containers, which were preserved by the laboratory as needed for the particular analysis to be performed. All VOC sample vials were filled completely to minimize head space. The samples were subsequently sealed in one or more ziplock bags and stored in a sample shuttle containing ice until arrival at the laboratory for chemical analysis. All sample containers were labeled with the project name, sample identification, date of sample collection, samplers' initials, and time sampled collected. Chain-of-custody forms were completed to document sample transport to the analytical laboratory. As recommended in the 2023 annual report, the groundwater samples were subsequently analyzed for the 12 COCs which have been detected in the site groundwater in exceedance of the NMAC 20.6.2.3103 criteria on at least one or more occasions historically. Below is a summary of these COCs and the associated analytical methods:

- **EPA Method 200.8:** Arsenic, and selenium
- **EPA Method 300.0:** Fluoride, chloride, sulfate, nitrate and nitrite.
- **SM2540C MOD:** Total dissolved solids
- **EPA METHOD 200.7:** Beryllium, iron, manganese, and silver

All purge water generated during the well purging process was placed in a sealed and labeled 55-gallon drum and was temporarily stored on-site pending off-site disposal.

2.2 2024 Groundwater Monitoring Results Summary

Well Gauging Results

No LNAPL was documented to be present in the site monitoring wells. The depth to groundwater in the site monitoring wells during 2024 was documented to range from approximately 50.18' below ground surface (bgs) in MW-4 to approximately 53.34' bgs in MW-2. As illustrated on the attached groundwater gradient maps, the May 2, 2024 site groundwater gradient and flow direction was documented to be approximately 0.002 ft/ft predominantly to the south-southwest. The September 26, 2024 site groundwater gradient and flow direction was documented to be approximately 0.004 ft/ft predominantly to the northwest. The December 12, 2024 site groundwater gradient and flow direction was documented to be approximately 0.01 ft/ft predominantly to the northwest. These groundwater flow directions are consistent with the historical well gauging results.

As discussed in previously submitted reports, the MW-4 groundwater levels have historically been somewhat anomalous compared to the groundwater levels in the other site monitoring wells located outside of the former pit area. During 2024, the MW-4 gauging results seemed to reasonably comport with the gauging data from the remainder of the site monitor wells.

Groundwater Analytical Results

- *Groundwater Anions*: Concentrations of chloride and sulfate above the NMAC 20.6.2.3103 criteria were documented in all four site monitoring wells during all three sampling events. Additionally, the sample collected from monitor well MW-1 in December 2024 was noted to contain a fluoride concentration in exceedance of the NMAC 20.6.2.3103 criteria.

- *Dissolved Metals*: During 2024, manganese and silver were the only two metals detected in the groundwater in exceedance of the NMAC 20.6.2.3103 standards. The NMAC 20.6.2.3103 standard exceedances were documented in groundwater samples collected from monitor wells MW-1, MW-3 and/or MW-4 during at least one of the three monitoring events.

- *TDS*: TDS concentrations in excess of the NMAC 20.6.2.3103 standard were documented in all four monitor wells during all three 2024 sampling events.

In summary, the 2024 well gauging and groundwater analytical data were generally consistent with historic results. Monitoring well MW-3, located to the south of the former pit, continues to exhibit the most elevated TDS, chloride and sulfate concentrations at the site. In the August 2005 *Amended Stage 1 Abatement Plan*, it was noted that the source of the highly elevated chloride concentrations in monitor well MW-3 was unknown and that it was unclear whether they derived from the subject pit. The current site data are also potentially indicative of a release source area located somewhere south of the pit. The January 28, 2025 "*Assessment Workplan*" prepared for the subject site includes two proposed monitor well locations to the south of the pit area that are intended to assist in the evaluation of whether or not the former pit appears to be the source area for the elevated site TDS, chloride and sulfate concentrations, or whether there appears to be another release source in the site vicinity.

In summary, based upon the available data, it is presently unclear whether the former pit is the source of the site groundwater impact or whether the groundwater in the pit area has been affected by an unrelated release source. If the former pit were the source of the groundwater impact, then it would generally be anticipated that groundwater COC levels would decrease away from the pit rather than increase away from the pit.

3.0 PROPOSED 2025 SITE ACTIVITIES

Additional Site Assessment Activities

As discussed above, on October 24, 2024, NMOCD and EOG personnel met to discuss the subject Site and formulate a pathway for moving this project forward. Based on the meeting details, a Ranger-prepared *Assessment Workplan*, dated January 28, 2025, was prepared and submitted to the NMOCD which proposed the additional assessment activities that were discussed with the NMCOD in October 2024. An NMOCD response to the *Assessment Workplan* is currently pending.

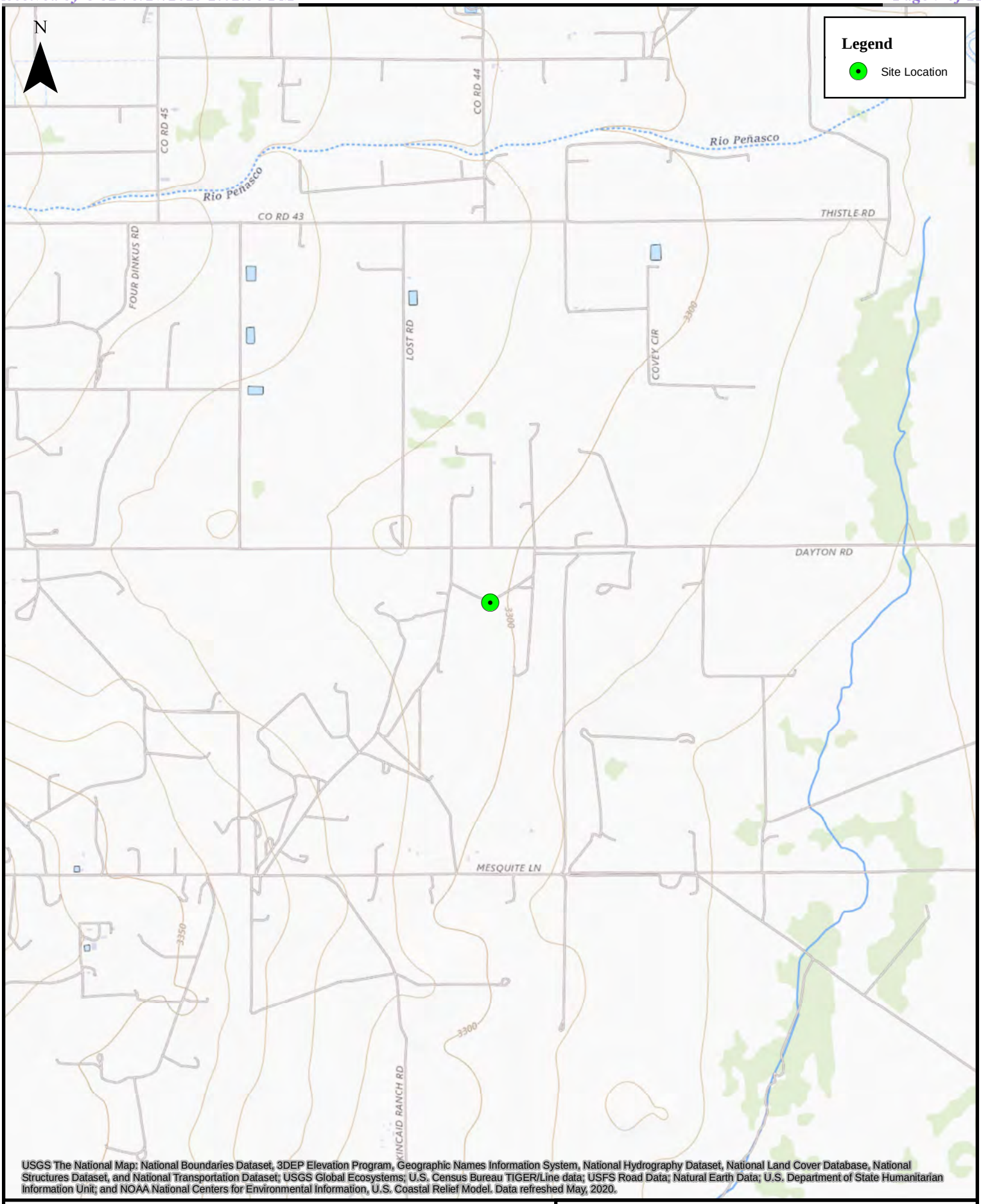
Groundwater Sampling Activities

While awaiting an NMOCD response to the *Assessment Workplan*, the quarterly groundwater monitoring program recommended in the 2023 annual report will be continued. The first quarter monitoring event was completed on March 13, 2025.

As detailed in the *Assessment Workplan*, upon installation of the proposed additional monitor wells at the Site, the newly installed wells will be incorporated into the quarterly groundwater monitoring program. The initial samples collected from the newly installed monitor wells will be submitted for laboratory analysis of the comprehensive historical site COC suite.

FIGURES

Topographic Map
Area Map
Site Map
Groundwater Gradient Maps
Groundwater TDS, Chloride, and Sulfate Isoconcentration Maps



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.

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0 600 1,200 2,400 3,600 4,800 Feet

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Topographic Map
Inex Pit
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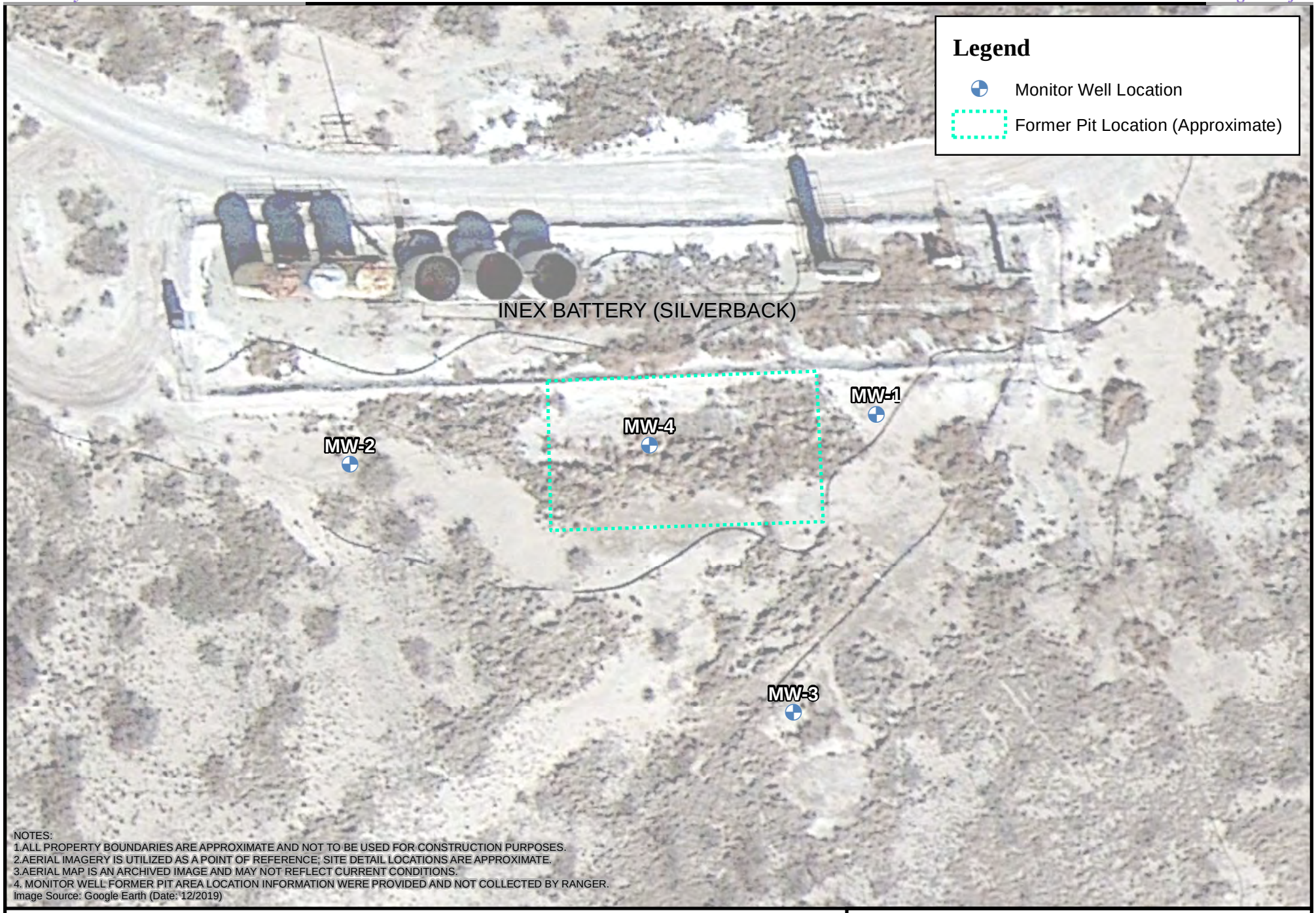
1:10,000

Area Map
Inex Pit
EOG Resources, Inc.



NOTES:
1.ALL PROPERTY BOUNDARIES ARE APPROXIMATE AND NOT TO BE USED FOR CONSTRUCTION PURPOSES.
2.AERIAL IMAGERY IS UTILIZED AS A POINT OF REFERENCE; SITE DETAIL LOCATIONS ARE APPROXIMATE.
3.AERIAL MAP IS AN ARCHIVED IMAGE AND MAY NOT REFLECT CURRENT CONDITIONS.
4. MONITOR WELL FORMER PIT AREA LOCATION INFORMATION WERE PROVIDED AND NOT COLLECTED BY RANGER.
Image Source: Google Earth (Date: 12/2019)

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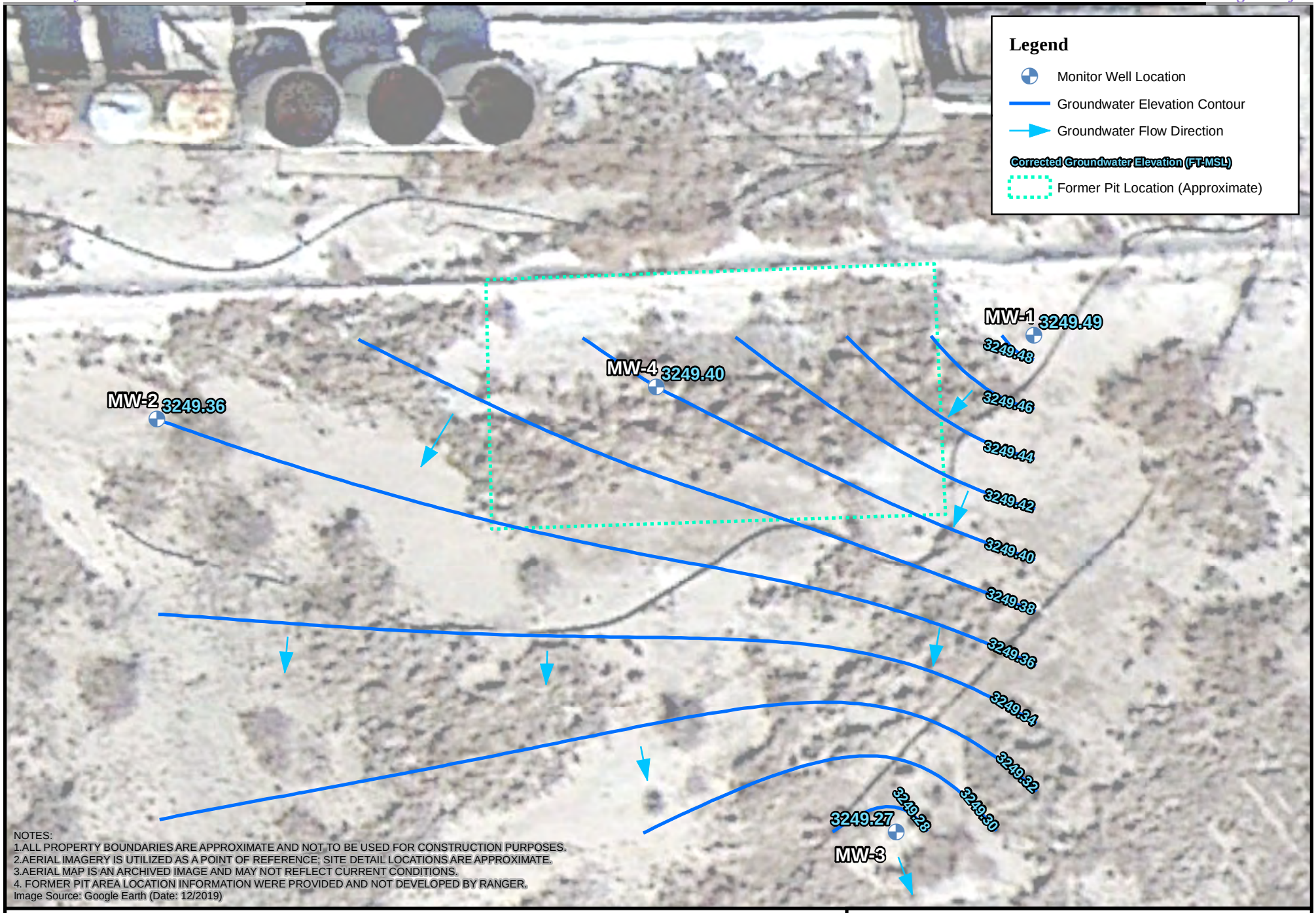
Site Map
Inex Pit
EOG Resouces, Inc.



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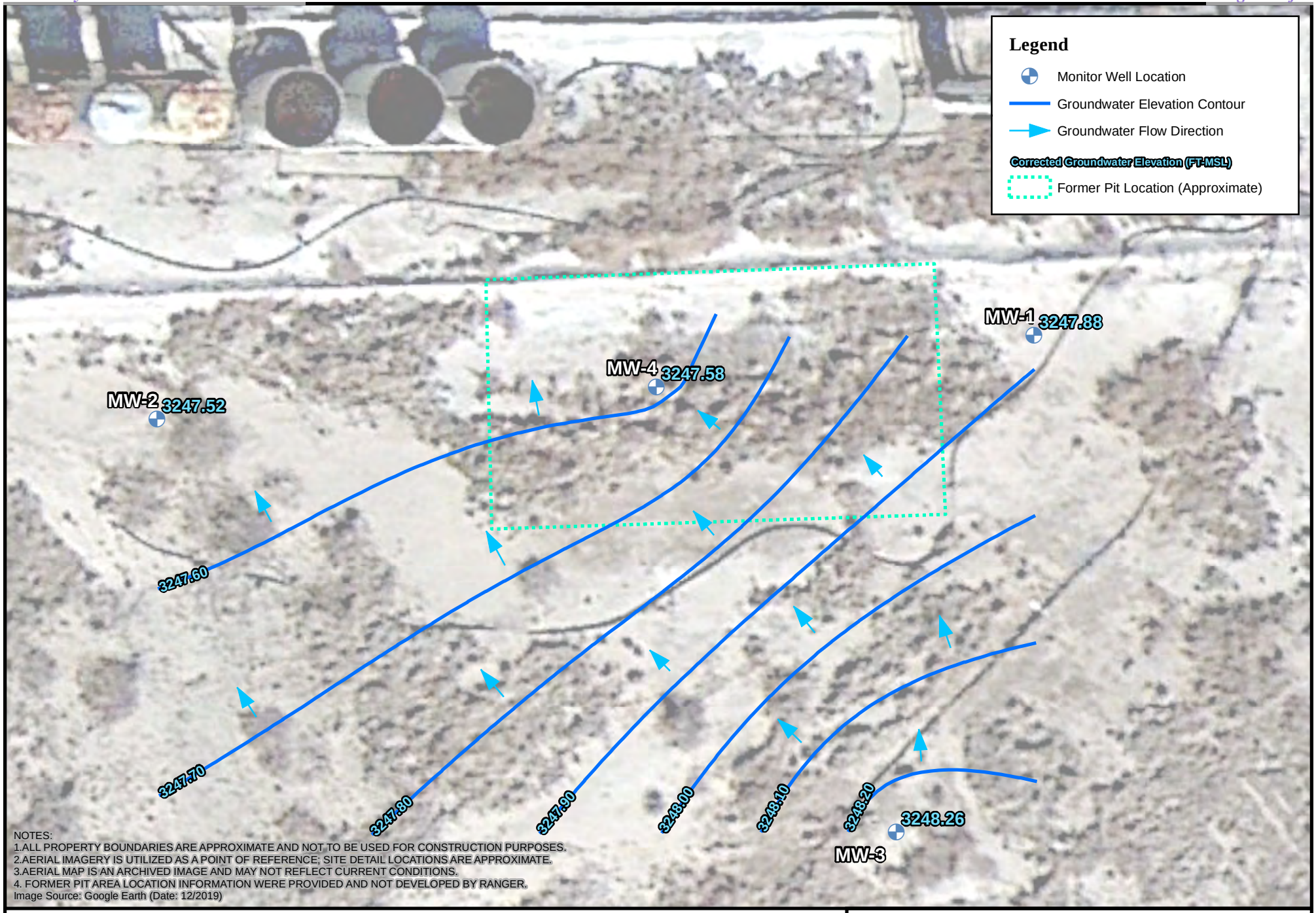
Groundwater Gradient Map
(Sample Date: 05/02/2024)
Inex Pit
EOG Resouces, Inc.



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Groundwater Gradient Map
(Sample Date: 09/26/2024)
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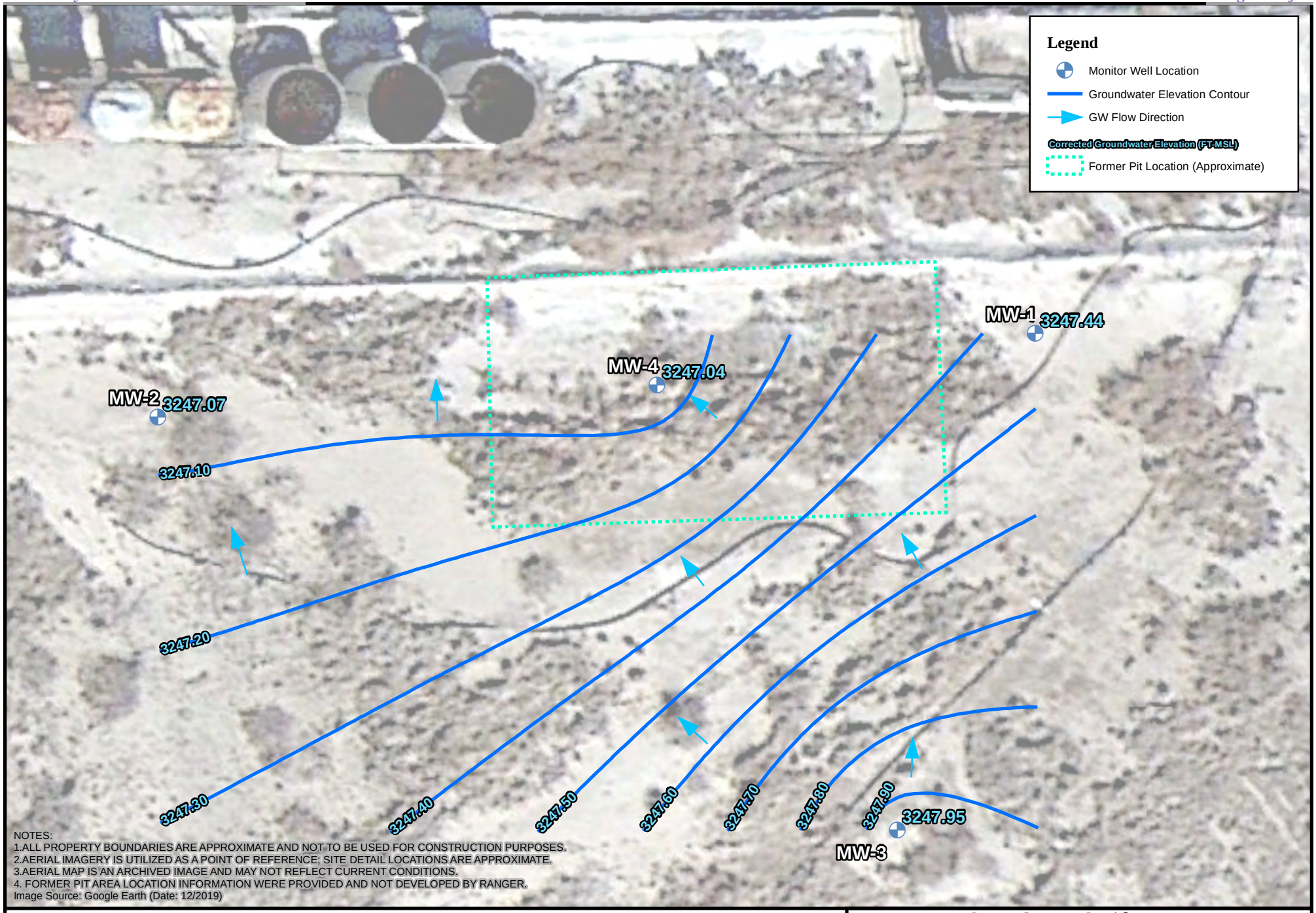

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Groundwater Graident Map
(Sample Date: 12/12/2024)
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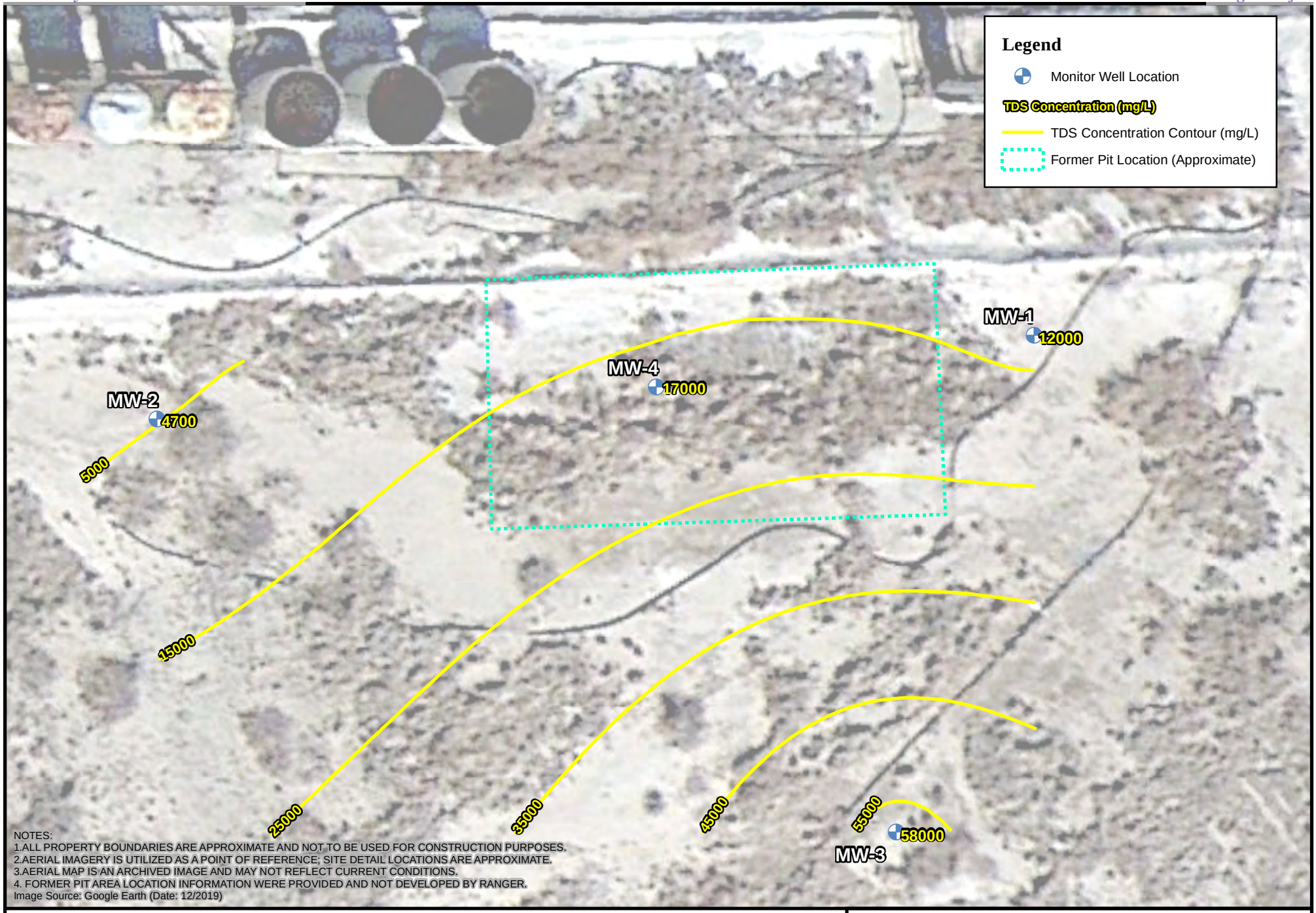

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Image Source: Google Earth (Date: 12/2019)

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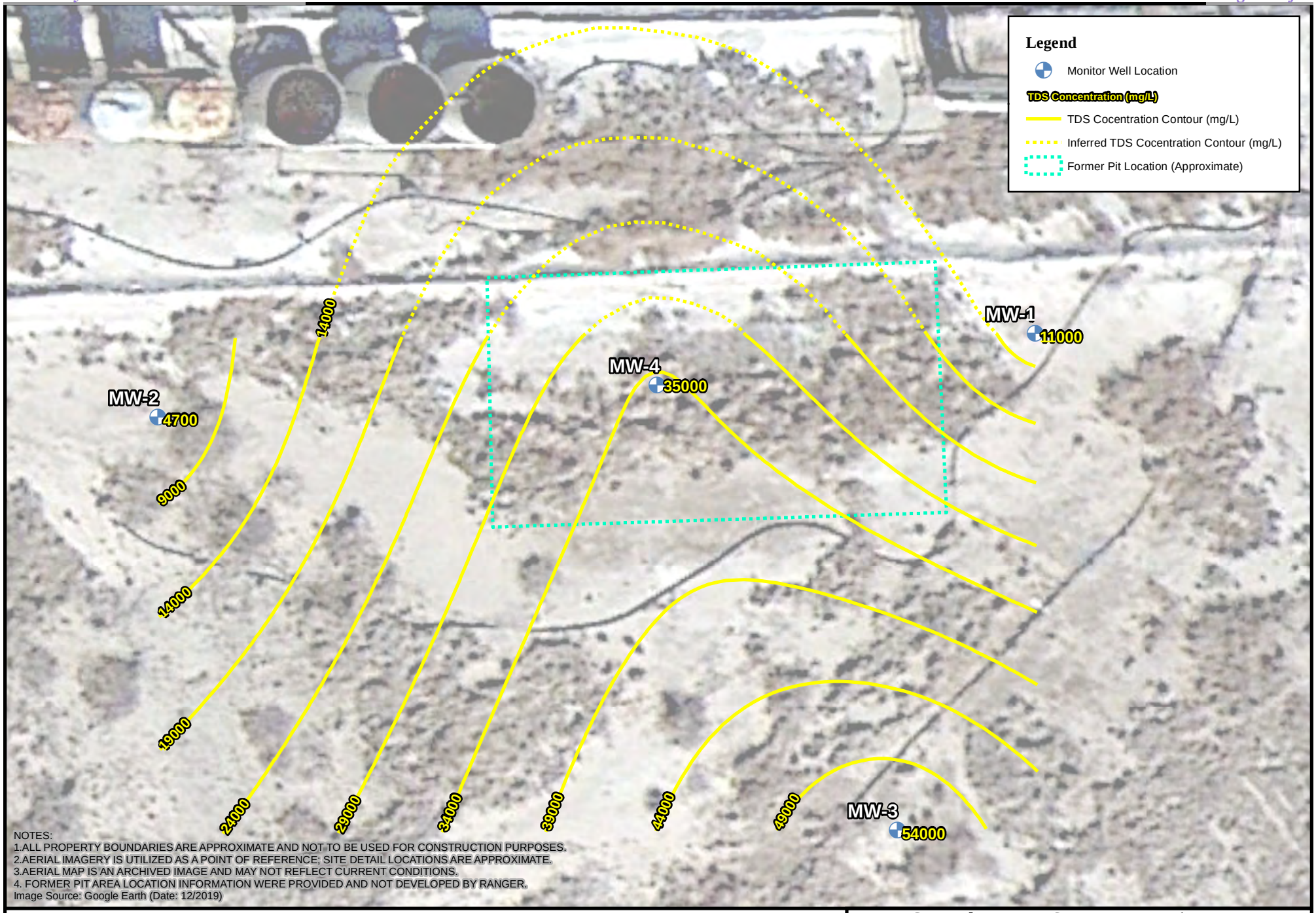
Groundwater TDS Isoconcentration Map
(Sample Date: 05/02/2024)
Inex Pit
EOG Resouces, Inc.



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Groundwater TDS Isoconcentration Map
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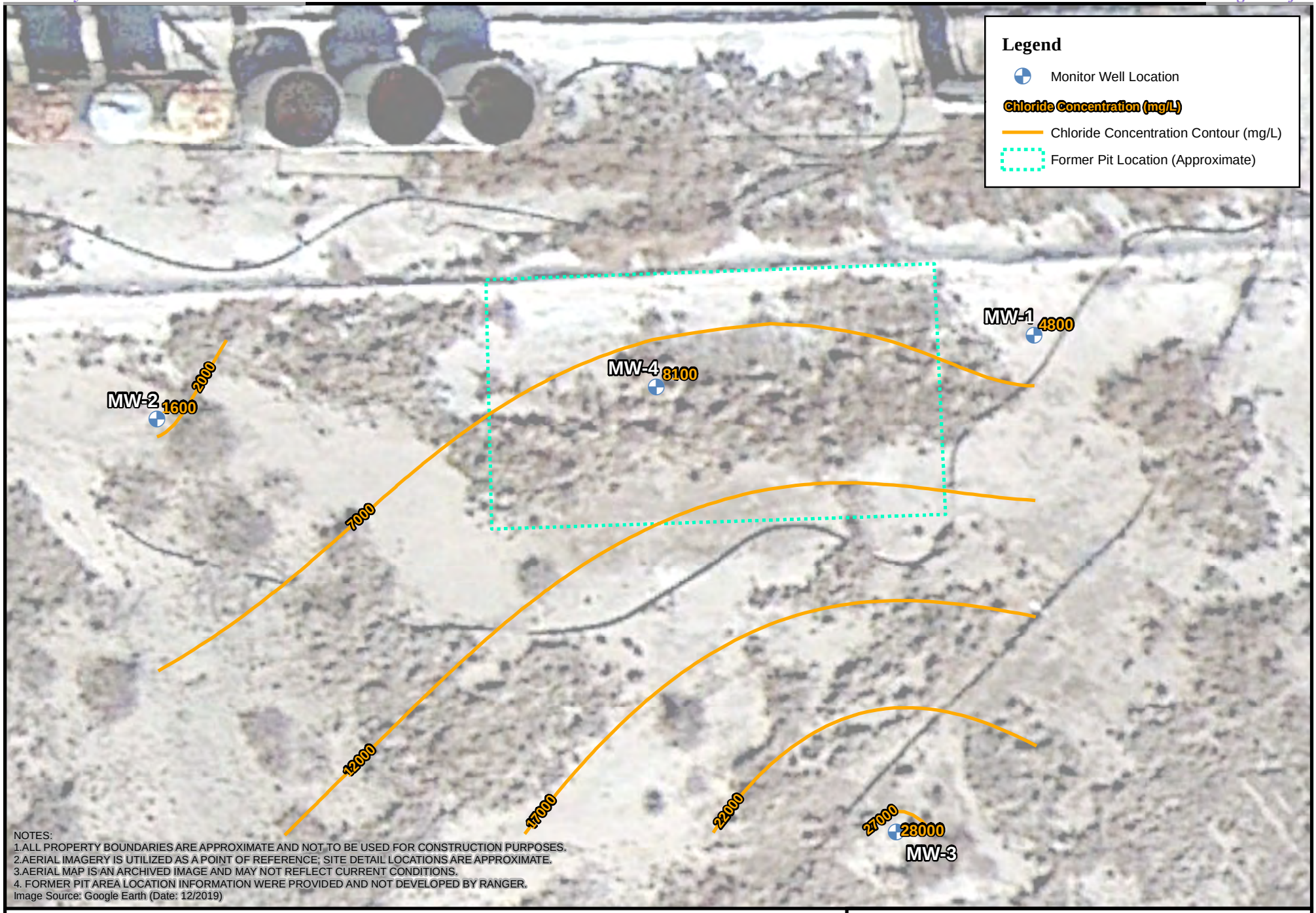

Groundwater Chloride Isoconcentration Map
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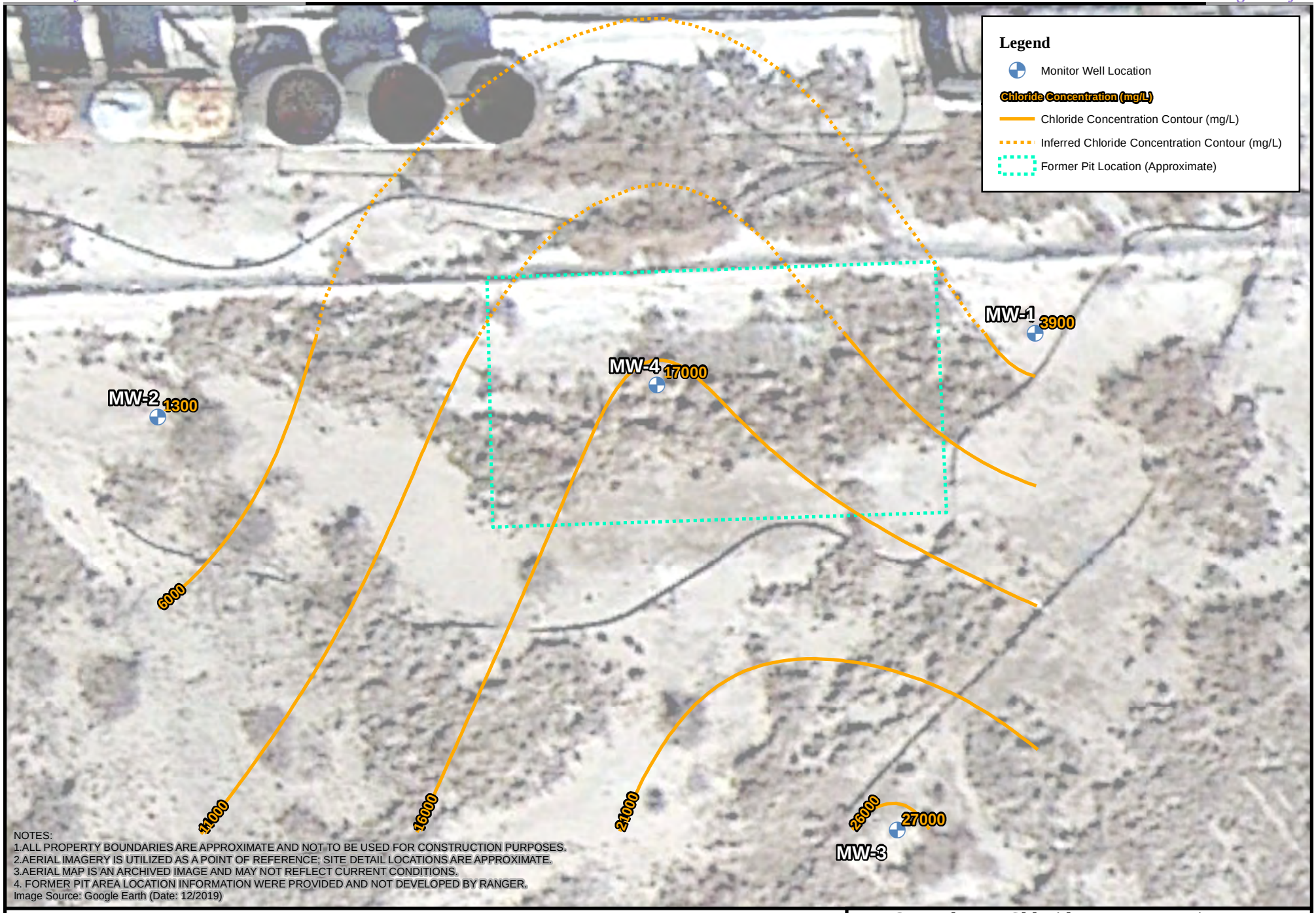
Inex Pit
EOG Resouces, Inc.



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Groundwater Chlroide Isoconcentration Map
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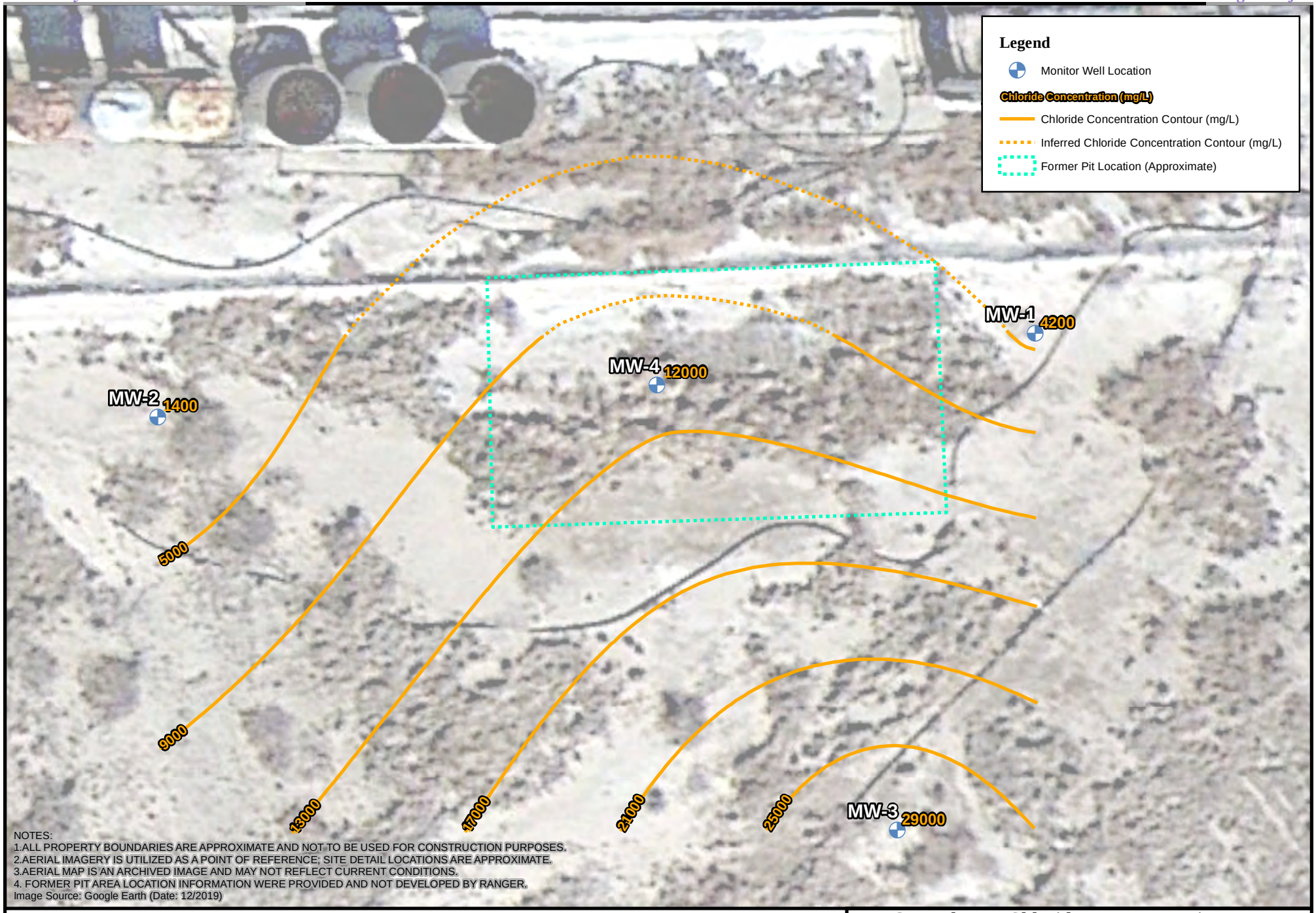

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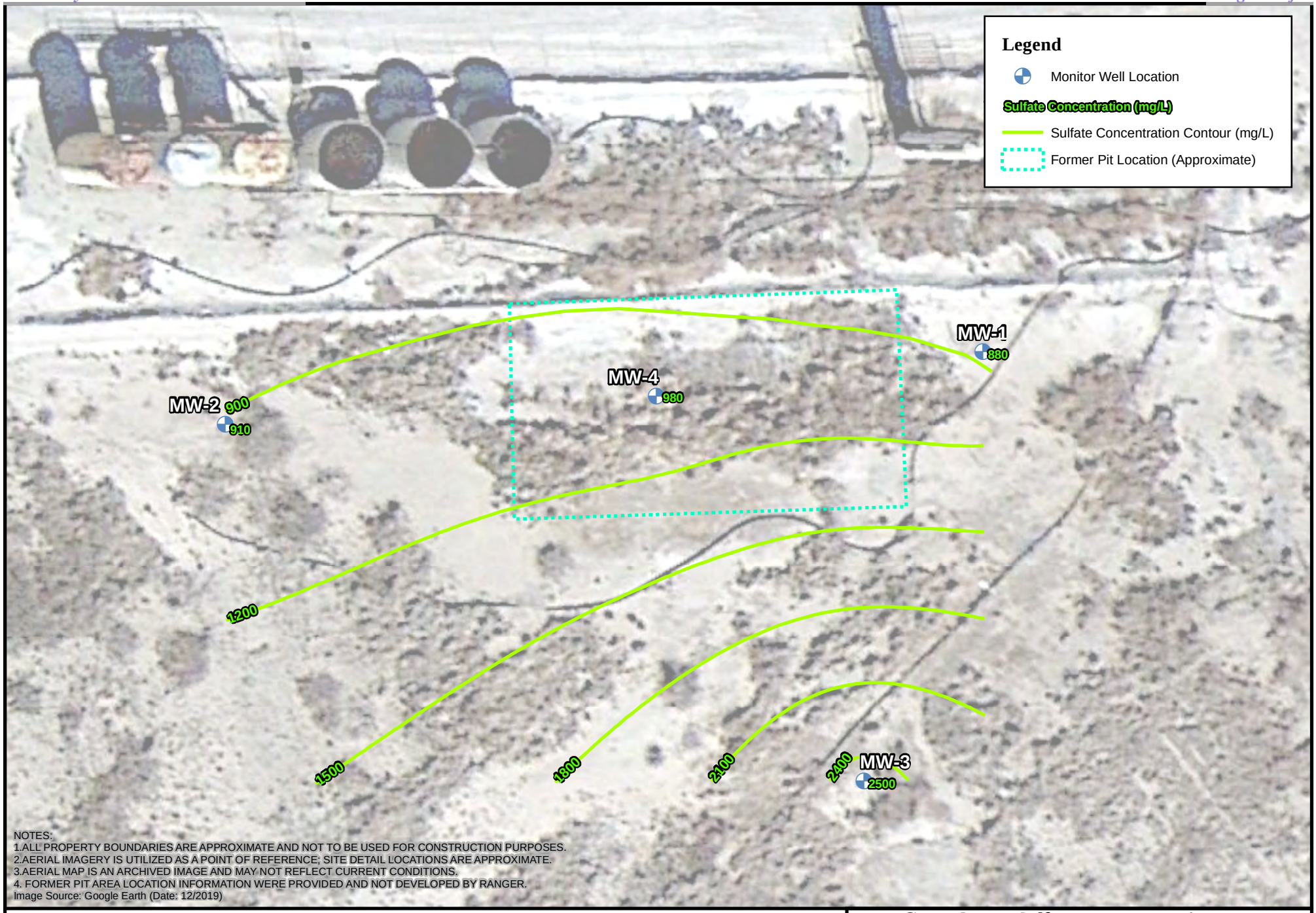

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Groundwater Sulfate Isoconcentration Map
(Sample Date: 05/02/2024)
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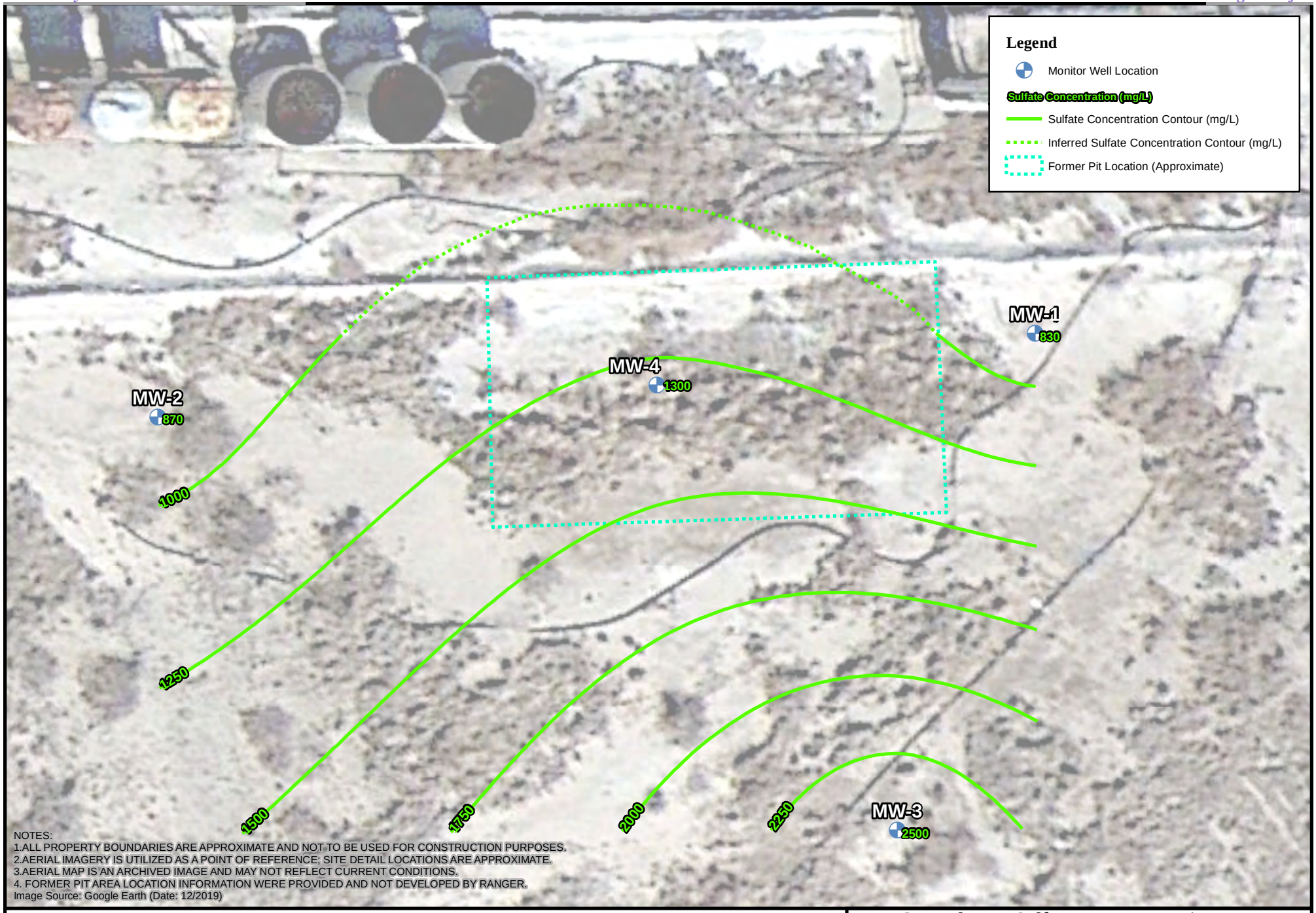

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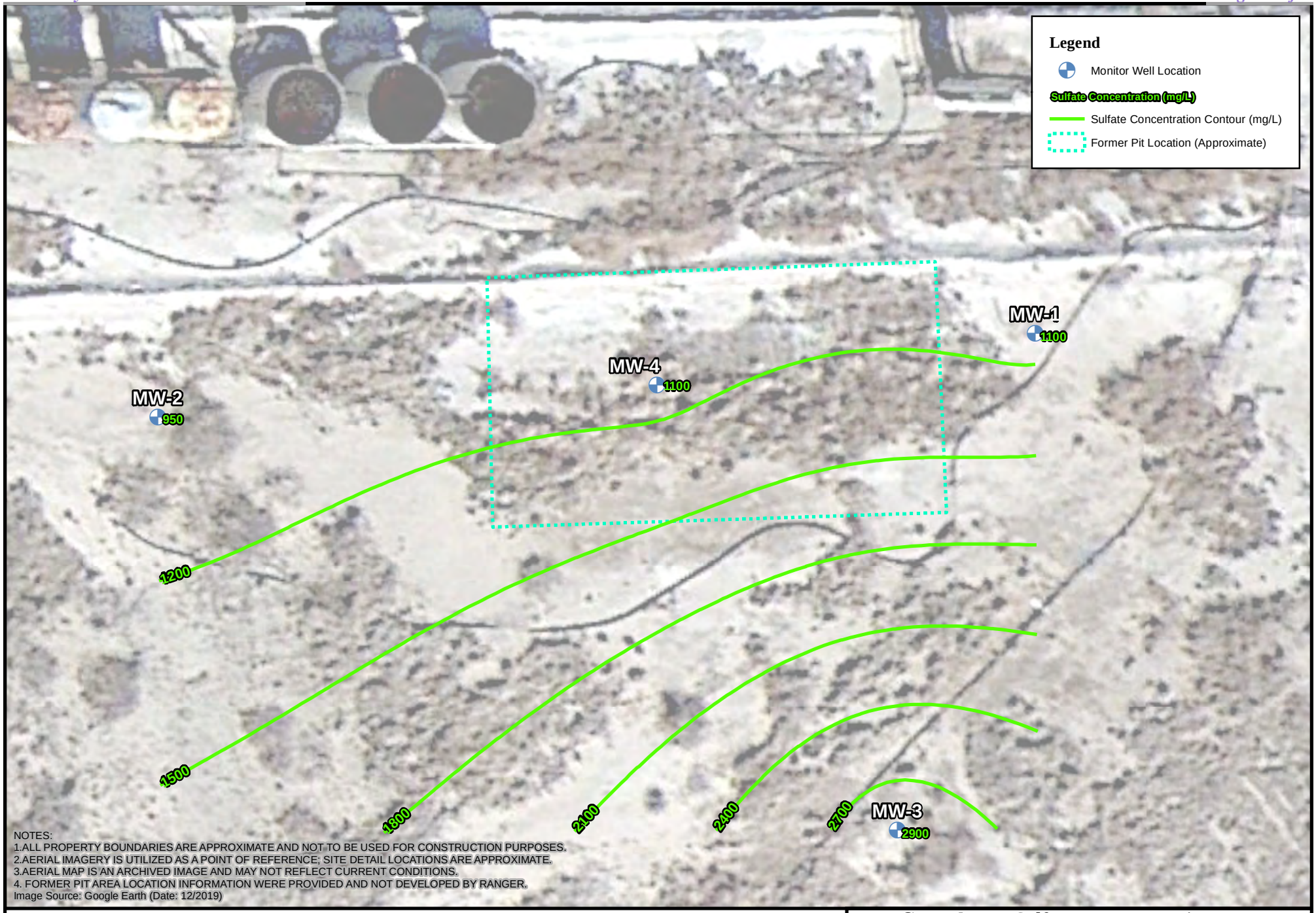

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Groundwater Sulfate Isoconcentration Map
(Sample Date: 12/12/2024)
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TABLES

Cumulative Well Gauging Data
Cumulative Groundwater EPA Method 300.0: Anions
Cumulative Groundwater Dissolved Metals (Table 1 of 2)
Cumulative Groundwater Dissolved Metals (Table 2 of 2)
Cumulative Groundwater TPH and VOC Data Summary
Cumulative Groundwater Specific Conductance, pH, Alkalinity, and TDS

CUMULATIVE WELL GAUGING DATA
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-1	9/18/2002	3301.73	53.23	0.00	3248.50	40-70
MW-1	9/19/2002	3301.73	53.24	0.00	3248.49	40-70
MW-1	11/3/2004	3301.73	51.75	0.00	3249.98	40-70
MW-1	12/1/2004	3301.73	---	0.00	---	40-70
MW-1	12/15/2004	3301.73	51.75	0.00	3249.98	40-70
MW-1	12/21/2004	3301.73	50.35	0.00	3251.38	40-70
MW-1	12/30/2004	3301.73	50.09	0.00	3251.64	40-70
MW-1	2/10/2005	3301.73	48.94	0.00	3252.79	40-70
MW-1	3/6/2018	3301.73	44.50	0.00	3257.23	40-70
MW-1	4/19/2018	3301.73	45.12	0.00	3256.61	40-70
MW-1	4/21/2019	3302.91	45.93	0.00	3256.98	40-70
MW-1	10/28/2019	3302.91	47.70	0.00	3255.21	40-70
MW-1	9/17/2020	3302.91	47.75	0.00	3255.16	40-70
MW-1	8/23/2021	3302.91	47.05	0.00	3255.86	40-70
MW-1	11/28/2023	3302.91	54.13	0.00	3248.78	40-70
MW-1	12/4/2023	3302.91	54.02	0.00	3248.89	40-70
MW-1	5/2/2024	3302.91	53.42	0.00	3249.49	40-70
MW-1	9/26/2024	3302.91	55.03	0.00	3247.88	40-70
MW-1	12/12/2024	3302.91	55.47	0.00	3247.44	40-70

CUMULATIVE WELL GAUGING DATA
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-2	9/18/2002	3301.67	52.82	0.00	3248.85	35-65
MW-2	9/19/2002	3301.67	54.11	0.00	3247.56	35-65
MW-2	11/3/2004	3301.67	52.86	0.00	3248.81	35-65
MW-2	12/1/2004	3301.67	51.87	0.00	3249.80	35-65
MW-2	12/15/2004	3301.67	51.51	0.00	3250.16	35-65
MW-2	12/21/2004	3301.67	51.18	0.00	3250.49	35-65
MW-2	12/30/2004	3301.67	50.89	0.00	3250.78	35-65
MW-2	2/10/2005	3301.67	49.63	0.00	3252.04	35-65
MW-2	3/6/2018	3301.67	44.81	0.00	3256.86	35-65
MW-2	4/19/2018	3301.67	45.81	0.00	3255.86	35-65
MW-2	4/21/2019	3303.37	46.46	0.00	3256.91	35-65
MW-2	10/28/2019	3303.37	48.08	0.00	3255.29	35-65
MW-2	9/17/2020	3303.37	48.30	0.00	3255.07	35-65
MW-2	8/23/2021	3303.37	48.20	0.00	3255.17	35-65
MW-2	11/28/2023	3303.37	54.74	0.00	3248.63	35-65
MW-2	12/4/2023	3303.37	54.62	0.00	3248.75	35-65
MW-2	5/2/2024	3303.37	54.01	0.00	3249.36	35-65
MW-2	9/26/2024	3303.37	55.85	0.00	3247.52	35-65
MW-2	12/12/2024	3303.37	56.30	0.00	3247.07	35-65

CUMULATIVE WELL GAUGING DATA
INEX PIT
EDDY COUNTY, NEW MEXICO
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WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-3	9/18/2002	3302.19	54.14	0.00	3248.05	30-60
MW-3	9/19/2002	3302.19	52.95	0.00	3249.24	30-60
MW-3	11/3/2004	3302.19	52.68	0.00	3249.51	30-60
MW-3	12/1/2004	3302.19	52.41	0.00	3249.78	30-60
MW-3	12/15/2004	3302.19	52.20	0.00	3249.99	30-60
MW-3	12/21/2004	3302.19	52.08	0.00	3250.11	30-60
MW-3	12/30/2004	3302.19	51.92	0.00	3250.27	30-60
MW-3	2/10/2005	3302.19	51.27	0.00	3250.92	30-60
MW-3	3/6/2018	3302.19	44.84	0.00	3257.35	30-60
MW-3	4/19/2018	3302.19	45.17	0.00	3257.02	30-60
MW-3	4/21/2019	3302.89	46.33	0.00	3256.56	30-60
MW-3	10/28/2019	3302.89	48.12	0.00	3254.77	30-60
MW-3	9/17/2020	3302.89	47.76	0.00	3255.13	30-60
MW-3	8/23/2021	3302.89	47.57	0.00	3255.32	30-60
MW-3	11/28/2023	3302.89	53.88	0.00	3249.01	30-60
MW-3	12/4/2023	3302.89	54.92	0.00	3247.97	30-60
MW-3	5/2/2024	3302.89	53.62	0.00	3249.27	30-60
MW-3	9/26/2024	3302.89	54.63	0.00	3248.26	30-60
MW-3	12/12/2024	3302.89	54.94	0.00	3247.95	30-60

CUMULATIVE WELL GAUGING DATA
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

WELL NUMBER	DATE	CASING ELEV. (FT)	DEPTH TO WATER (FT-BTOC)	LNAPL THICKNESS (FT)	GW ELEVATION (FT)	SCREENED INTERVAL (FT-BGS)
MW-4	9/18/2002	3301.02	53.11	0.00	3247.91	35-60
MW-4	9/19/2002	3301.02	53.43	0.00	3247.59	35-60
MW-4	11/3/2004	3301.02	50.95	0.00	3250.07	35-60
MW-4	12/1/2004	3301.02	49.77	0.00	3251.25	35-60
MW-4	12/15/2004	3301.02	49.36	0.00	3251.66	35-60
MW-4	12/21/2004	3301.02	48.97	0.00	3252.05	35-60
MW-4	12/30/2004	3301.02	48.62	0.00	3252.40	35-60
MW-4	2/10/2005	3301.02	47.16	0.00	3253.86	35-60
MW-4	3/6/2018	3301.02	43.23	0.00	3257.79	35-60
MW-4	4/19/2018	3301.02	44.72	0.00	3256.30	35-60
MW-4	4/21/2019	3302.22	45.05	0.00	3257.17	35-60
MW-4	10/28/2019	3302.22	46.82	0.00	3255.40	35-60
MW-4	9/17/2020	3302.22	47.12	0.00	3255.10	35-60
MW-4	8/23/2021	3302.22	47.02	0.00	3255.20	35-60
MW-4	11/28/2023	3302.22	53.55	0.00	3248.67	35-60
MW-4	12/4/2023	3302.22	53.36	0.00	3248.86	35-60
MW-4	5/2/2024	3302.22	52.82	0.00	3249.40	35-60
MW-4	9/26/2024	3302.22	54.64	0.00	3247.58	35-60
MW-4	12/12/2024	3302.22	55.18	0.00	3247.04	35-60

Notes:
1. Elevations referenced to a temporary on-site benchmark.
2. BTOC = below top of casing

CUMULATIVE GROUNDWATER EPA METHOD 300.0: ANIONS
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L) unless otherwise noted

SAMPLE ID	DATE	Fluoride	Chloride	Bromide	Phosphorus, Orthophosphate (As P)	Sulfate	Nitrogen, Nitrite (As N)	Nitrogen, Nitrate (As N)	Nitrate+Nitrite as N
SB-1	10/19/2000	---	17,725	---	---	---	---	---	---
MW-1	9/19/2002	---	1,110	---	---	---	---	---	---
MW-1	11/3/2004	---	3,099	---	---	---	---	---	---
MW-1	3/17/2012	< 2.0	9,400	2.8	< 5.0	1,200	---	---	< 40
MW-1	6/18/2012	< 2.0	8,100	7.1	<0.50	1,200	---	---	< 4.0
MW-1	9/12/2012	< 2.0	5,600	< 2.0	< 25	1,100	---	---	< 10
MW-1	12/6/2012	< 2.0	4,400	< 5.0	< 10	1,000	---	---	< 10
MW-1	3/12/2013	< 2.0	7,000	2.7	< 10	1,100	---	---	< 4.0
MW-1	6/27/2013	< 1.0	5,100	2.5	< 0.50	980	---	---	< 4.0
MW-1	4/19/2018	< 2.0	6,400	3.4	< 10	1,300	---	---	< 10
MW-1	3/21/2019	< 0.50	8,400	2.7	< 2.5	1,400	---	---	< 10
MW-1	10/28/2019	< 0.50	6,200	1.8	< 2.5	1,300	---	---	0.51
MW-1	9/17/2020	< 0.50	7,900	3.8	< 2.5	1,200	---	---	< 10
MW-1	8/23/2021	< 0.50	8,400	2	< 2.5	1,200	---	---	< 10
MW-1	3/21/2022	<2.0	7,500	<2.0	<10	1,100	---	---	<10
MW-1	8/4/2022	<2.0	6,000	3.8	<10	1,300	---	---	<10
MW-1	11/28/2023	<2.0	4,000	2.8	<10	890	---	---	< 2.0
MW-1	5/2/2024	<2.0	4,800	---	---	880	<2.0	<2.0	---
MW-1	9/26/2024	<1.0	3,900	---	---	830	<1.0	<1.0	---
MW-1	12/12/2024	2.4	4,200	---	---	1,100	<1.0	<1.0	---
MW-2	9/19/2002	---	319	---	---	---	---	---	---
MW-2	11/3/2004	---	636	---	---	---	---	---	---
MW-2	3/17/2012	0.68	1,200	0.59	<5.0	1000	---	---	<1.0
MW-2	6/18/2012	0.96	1,000	0.98	< 0.50	940	---	---	<1.0
MW-2	9/12/2012	< 2.0	900	0.49	< 10	910	---	---	< 2.0
MW-2	12/6/2012	0.64	850	< 2.0	< 10	790	---	---	< 2.0
MW-2	3/12/2013	0.56	1,100	0.63	< 0.50	940	---	---	< 1.0
MW-2	6/27/2013	1.1	840	0.6	< 0.50	990	---	---	< 1.0
MW-2	4/19/2018	1.1	1,200	0.63	< 0.50	990	---	---	1.3
MW-2	3/21/2019	< 0.50	1,600	0.6	< 2.5	990	---	---	< 1.0
MW-2	10/28/2019	< 0.50	1,300	0.64	< 2.5	970	---	---	0.62
MW-2	9/17/2020	0.64	1,300	0.86	< 2.5	840	---	---	< 1.0
MW-2	8/23/2021	< 0.50	1,500	0.92	< 2.5	880	---	---	< 2.0
MW-2	3/21/2022	<2.0	1,600	<2.0	<0.50	870	---	---	<2.0
MW-2	8/4/2022	<2.0	1,500	0.94	<10	950	---	---	<1.0
MW-2	11/28/2023	<2.0	1,300	0.67	<0.50	950	---	---	<1.0
MW-2	5/2/2024	<2.0	1,600	---	---	910	<2.0	0.73	---
MW-2	9/26/2024	<1.0	1,300	---	---	870	<1.0	<1.0	---
MW-2	12/12/2024	1.2	1,400	---	---	950	<1.0	<1.0	---
MW-3	9/19/2002	---	37,200	---	---	---	---	---	---
MW-3	11/3/2004	---	38,988	---	---	---	---	---	---
MW-3	3/17/2012	< 2.0	27,000	8.6	< 5.0	2,200	---	---	< 100
MW-3	6/18/2012	< 5.0	28,000	17	< 10	2,400	---	---	< 20
MW-3	9/12/2012	< 10	29,000	8.8	< 50	2,300	---	---	< 20
MW-3	12/6/2012	2.5	26,000	< 20	< 2.5	2,200	---	---	< 40
MW-3	3/12/2013	< 2.0	28,000	10	< 10	2,200	---	---	< 20
MW-3	6/27/2013	< 1.0	23,000	11	< 10	2,000	---	---	< 20
MW-3	4/19/2018	< 2.0	14,000	6.2	< 10	2,000	---	---	11
MW-3	3/21/2019	< 2.0	18,000	4.5	< 2.5	2,500	---	---	< 20
MW-3	10/28/2019	< 2.0	25,000	8.8	< 10	2,200	---	---	< 20
MW-3	9/17/2020	< 2.0	13,000	5.9	< 2.5	2,100	---	---	< 10
MW-3	8/23/2021	< 0.50	13,000	4	< 2.5	2,300	---	---	< 10
MW-3	3/21/2022	<0.50	11,000	5.2	<2.5	2,200	---	---	<10
MW-3	8/4/2022	<2.0	22,000	11	<10	2,800	---	---	<20
MW-3	11/28/2023	<2.0	25,000	13	<10	3,000	---	---	<20
MW-3	5/2/2024	<2.0	28,000	---	---	2,500	<10	4.2	---
MW-3	9/26/2024	<1.0	27,000	---	---	2,500	<10	3.9	---
MW-3	12/12/2024	<10	29,000	---	---	2,900	<10	<10	---

CUMULATIVE GROUNDWATER EPA METHOD 300.0: ANIONS
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L) unless otherwise noted

SAMPLE ID	DATE	Fluoride	Chloride	Bromide	Phosphorus, Orthophosphate (As P)	Sulfate	Nitrogen, Nitrite (As N)	Nitrogen, Nitrate (As N)	Nitrate+Nitrite as N
MW-4	9/19/2002	---	**21,300**	---	---	---	---	---	---
MW-4	11/3/2004	---	**4,599**	---	---	---	---	---	---
MW-4	3/17/2012	< 2.0	**11,000**	3.2	< 5.0	**1,100**	---	---	< 10
MW-4	6/18/2012	< 2.0	**9,000**	6.6	<0.50	**1,000**	---	---	< 4.0
MW-4	9/12/2012	< 2.0	**7,700**	2.8	< 10	**970**	---	---	< 10
MW-4	12/6/2012	< 2.0	**7,300**	8.2	< 10	**930**	---	---	< 10
MW-4	3/12/2013	< 2.0	**7,200**	3.2	< 10	**990**	---	---	< 4.0
MW-4	6/27/2013	< 1.0	**6,600**	3.4	< 0.50	**940**	---	---	< 4.0
MW-4	4/19/2018	< 2.0	**10,000**	5	< 10	**960**	---	---	< 10
MW-4	3/21/2019	**1.9**	**12,000**	3.3	< 2.5	**1,100**	---	---	< 10
MW-4	10/28/2019	< 0.50	**11,000**	3.2	< 2.5	**1,000**	---	---	< 10
MW-4	9/17/2020	< 0.50	**10,000**	4.6	< 2.5	**1,000**	---	---	< 10
MW-4	8/23/2021	< 0.50	**10,000**	2.2	< 2.5	**1,000**	---	---	< 10
MW-4	3/21/2022	<2.0	**9,600**	<2.0	<10	**950**	---	---	<10
MW-4	8/4/2022	<2.0	**9,800**	6.8	<10	**1,100**	---	---	<10
MW-4	11/28/2023	<2.0	**7,600**	4.0	<10	**910**	---	---	< 4.0
MW-4	5/2/2024	<2.0	**8,100**	---	---	**980**	<2.0	<2.0	---
MW-4	9/26/2024	<1.0	**17,000**	---	---	**1,300**	<10	<1.0	---
MW-4	12/12/2024	<10	**12,000**	---	---	**1,100**	<10	<10	---
20.6.2.3103 NMAC GW STANDARDS (<10,000 mg/L)				**---**	**---**				
A. Human Health Standards		**1.6**					**1**	**10**	**10** [1]
B. Other Standards for Domestic Water Supply			**250**			**600**			
C. Standards for Irrigation Use									

Notes:
1. This standarad is for nitrate. The nitrite standard is 1.0 mg/L.
2. Exceedances of the listed closure criteria highlighted in bold, red type.

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2)
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	Aluminum	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Iron	Magnesium	Manganese	Molybdenum	Nickel	Potassium	Silver	Sodium	Zinc
MW-1	3/17/2012	---	0.033	---	---	< 0.0020	1,500	< 0.0060	---	0.028	540	0.004	---	---	8.8	< 0.0050	3,300	0.012
MW-1	6/18/2012	---	0.041	---	---	< 0.0020	1,800	< 0.0060	---	0.026	480	0.0036	---	---	7.9	< 0.0050	3,500	0.013
MW-1	9/12/2012	---	0.027	---	---	< 0.0020	1,100	< 0.0060	---	0.071	390	0.0086	---	---	6.2	< 0.0050	2,100	0.01
MW-1	12/6/2012	---	0.029	---	---	< 0.0020	930	< 0.0060	---	0.039	360	0.0044	---	---	6.2	< 0.0050	1,900	0.011
MW-1	3/12/2013	---	0.032	---	---	< 0.0020	1,200	< 0.0060	---	0.026	420	0.0043	---	---	7.9	< 0.0050	2,500	< 0.010
MW-1	6/27/2013	---	0.031	---	---	< 0.0020	1,200	< 0.0060	---	< 0.020	370	0.0034	---	---	7.3	< 0.25	1,900	0.014
MW-1	4/19/2018	< 0.020	0.022	< 0.0020	---	< 0.0020	1,100	< 0.0060	< 0.0060	0.02	440	< 0.0020	< 0.0080	< 0.010	6	0.023	3,200	0.026
MW-1	3/21/2019	< 0.020	0.028	< 0.0020	0.13	< 0.0020	1,300	< 0.0060	< 0.0060	0.073	510	0.0077	< 0.0080	< 0.010	6.4	0.019	4,000	0.02
MW-1	10/28/2019	< 0.020	0.026	0.0025	0.13	< 0.0020	1,300	< 0.0060	< 0.0060	< 0.020	430	0.0026	< 0.0080	< 0.010	9.3	0.031	3,100	0.02
MW-1	9/17/2020	< 0.10	0.034	< 0.010	< 0.20	< 0.010	1,400	< 0.030	< 0.030	< 0.10	530	< 0.010	< 0.040	< 0.050	7.3	< 0.025	3,600	< 0.050
MW-1	8/23/2021	< 0.10	0.028	< 0.010	< 0.20	< 0.010	1,400	< 0.030	< 0.030	0.031	490	< 0.010	< 0.040	< 0.050	9.3	< 0.025	3,800	< 0.050
MW-1	3/21/2022	<0.10	0.031	<0.010	<0.20	<0.010	1,600	<0.030	<0.030	0.029	570	0.011	<0.040	<0.050	9.3	<0.025	4,200	<0.050
MW-1	8/4/2022	<0.20	0.026	<0.020	<0.40	<0.020	1,200	<0.060	<0.060	<0.20	450	<0.02	<0.08	<0.10	<10	<0.050	2,700	<0.10
MW-1	11/28/2023	0.049	0.019	<0.0020	0.071	<0.0020	1,000	<0.0060	<0.0060	0.027	360	0.0023	< 0.0080	< 0.010	4.4	0.025	1,300	<0.010
MW-1	5/2/2024	---	---	<0.0020	---	---	---	---	---	<0.020	---	<0.0020	---	---	---	0.011	---	---
MW-1	9/26/2024	---	---	<0.0020	---	---	---	---	---	<0.020	---	0.0098	---	---	---	0.028	---	---
MW-1	12/12/2024	---	---	<0.0020	---	---	---	---	---	<0.050	---	0.0064	---	---	---	**0.067**	---	---
MW-2	3/17/2012	---	0.017	---	---	< 0.0020	580	< 0.0060	---	0.038	230	0.0037	---	---	2.8	< 0.0050	240	< 0.010
MW-2	6/18/2012	---	0.017	---	---	< 0.0020	520	< 0.0060	---	0.041	190	0.0036	---	---	2.3	< 0.0050	210	0.01
MW-2	9/12/2012	---	0.015	---	---	< 0.0020	480	< 0.0060	---	0.032	180	0.0024	---	---	2.3	< 0.0050	170	< 0.010
MW-2	12/6/2012	---	0.018	---	---	< 0.0020	470	< 0.0060	---	0.028	180	0.0026	---	---	2.7	< 0.0050	180	0.024
MW-2	3/12/2013	---	0.017	---	---	< 0.0020	510	< 0.0060	---	0.03	190	0.0027	---	---	2.6	< 0.0050	210	< 0.010
MW-2	6/27/2013	---	0.016	---	---	< 0.0020	470	< 0.0060	---	< 0.020	160	< 0.0020	---	---	2.6	< 0.025	170	0.015
MW-2	4/19/2018	< 0.020	0.014	< 0.0020	---	< 0.0020	580	< 0.0060	< 0.0060	< 0.020	210	< 0.0020	< 0.0080	< 0.010	2.5	0.012	270	0.063
MW-2	3/21/2019	< 0.020	0.016	< 0.0020	0.076	< 0.0020	630	< 0.0060	< 0.0060	< 0.020	220	< 0.0020	< 0.0080	< 0.010	2.5	0.0082	340	0.021
MW-2	10/28/2019	< 0.020	0.017	< 0.0020	0.083	< 0.0020	580	< 0.0060	< 0.0060	< 0.020	190	0.0024	< 0.0080	< 0.010	2.9	0.015	260	0.02
MW-2	9/17/2020	< 0.10	0.016	< 0.010	< 0.20	< 0.010	590	< 0.030	< 0.030	< 0.10	230	< 0.010	< 0.040	< 0.050	< 5.0	< 0.025	320	< 0.050
MW-2	8/23/2021	< 0.020	0.019	< 0.0020	0.09	< 0.0020	620	< 0.0060	< 0.0060	0.025	230	0.0047	< 0.0080	< 0.010	3.1	< 0.0050	360	0.058
MW-2	3/21/2022	< 0.020	0.020	< 0.0020	0.093	<0.0020	660	<0.0060	<0.0060	0.026	260	0.004	<0.0080	<0.010	3.3	<0.0050	430	0.012
MW-2	8/4/2022	<0.20	<0.020	<0.020	<0.40	<0.020	650	<0.060	<0.060	<0.20	240	<0.02	<0.08	<0.10	<10	<0.050	350	<0.10
MW-2	11/28/2023	0.028	0.015	<0.0020	0.079	<0.0020	560	<0.0060	<0.0060	<0.020	200	<0.0020	<0.0080	<0.010	2.7	0.018	250	<0.010
MW-2	5/2/2024	---	---	<0.0020	---	---	---	---	---	<0.020	---	<0.0020	---	---	---	0.0094	---	---
MW-2	9/26/2024	---	---	<0.0020	---	---	---	---	---	<0.020	---	0.0040	---	---	---	0.015	---	---
MW-2	12/12/2024	---	---	<0.0020	---	---	---	---	---	<0.050	---	<0.0020	---	---	---	0.038	---	---
MW-3	3/17/2012	---	0.076	---	---	< 0.010	2,200	< 0.030	---	0.15	880	**0.24**	---	---	48	< 0.025	15,000	< 0.050
MW-3	6/18/2012	---	0.069	---	---	< 0.010	2,200	< 0.030	---	0.8	770	0.2	---	---	29	< 0.025	14,000	0.15
MW-3	9/12/2012	---	0.21	---	---	< 0.010	2,300	< 0.030	---	**2.1**	830	**1.1**	---	---	29	< 0.025	13,000	0.053
MW-3	12/6/2012	---	0.074	---	---	< 0.010	2,100	< 0.030	---	0.18	730	0.2	---	---	47	< 0.025	15,000	< 0.050
MW-3	3/12/2013	---	0.1	---	---	< 0.010	2,000	< 0.060	---	**3.3**	720	**0.4**	---	---	40	< 0.025	14,000	< 0.10

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2)
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	Aluminum	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Iron	Magnesium	Manganese	Molybdenum	Nickel	Potassium	Silver	Sodium	Zinc
MW-3	6/27/2013	---	0.061	---	---	< 0.010	2,300	< 0.030	---	0.13	840	**0.31**	---	---	35	< 0.25	12,000	0.1
MW-3	4/19/2018	<0.020	0.024	<0.0020	---	< 0.0020	1,400	< 0.0060	< 0.0060	0.022	530	**0.24**	< 0.0080	< 0.010	19	0.027	8,500	0.07
MW-3	3/21/2019	< 0.020	0.033	<0.0020	0.43	< 0.0020	1,300	< 0.0060	< 0.0060	0.022	540	**0.22**	< 0.0080	< 0.010	21	0.02	9,000	0.033
MW-3	10/28/2019	0.03	0.038	0.0036	0.37	< 0.0020	1,700	< 0.0060	< 0.0060	0.046	620	**0.24**	< 0.0080	< 0.010	45	0.039	9,400	0.045
MW-3	9/17/2020	< 0.10	0.032	< 0.010	0.39	< 0.010	1,400	< 0.030	< 0.030	< 0.10	540	**0.23**	< 0.040	< 0.050	20	< 0.025	6,800	< 0.050
MW-3	8/23/2021	< 0.10	0.026	< 0.010	0.46	< 0.010	1,200	< 0.030	< 0.030	0.047	460	0.14	< 0.040	< 0.050	26	< 0.025	7,600	0.11
MW-3	3/21/2022	<0.10	0.023	<0.010	0.51	<0.010	1,200	<0.030	<0.030	<0.020	480	0.12	<0.040	<0.050	25	<0.025	7,900	<0.050
MW-3	8/4/2022	<0.20	0.038	<0.020	0.56	<0.020	1,800	<0.060	<0.060	<0.20	650	**0.28**	<0.08	<0.10	25	<0.050	13,000	<0.10
MW-3	11/28/2023	0.18	0.048	<0.010	0.5	<0.010	2,200	<0.030	<0.030	0.062	770	0.19	<0.040	<0.050	36	0.046	16,000	<0.050
MW-3	5/2/2024	---	---	<0.0020	---	---	---	---	---	0.22	---	0.18	---	---	---	0.029	---	---
MW-3	9/26/2024	---	---	<0.010	---	---	---	---	---	<0.10	---	**0.36**	---	---	---	**0.072**	---	---
MW-3	12/12/2024	---	---	<0.010	---	---	---	---	---	<0.25	---	**0.26**	---	---	---	**0.15**	---	---
MW-4	3/17/2012	---	0.043	---	---	< 0.0020	2,100	< 0.0060	---	< 0.10	700	0.0052	---	---	7.7	< 0.0050	2,600	0.011
MW-4	6/18/2012	---	0.046	---	---	< 0.0020	2,000	< 0.0060	---	0.03	660	0.009	---	---	7.1	< 0.0050	2,700	0.017
MW-4	9/12/2012	---	0.039	---	---	< 0.0020	1,700	< 0.0060	---	0.026	600	0.013	---	---	6.8	< 0.0050	2,100	0.011
MW-4	12/6/2012	---	0.043	---	---	< 0.0020	1,800	< 0.0060	---	0.031	550	0.016	---	---	7.6	< 0.0050	2,100	< 0.010
MW-4	3/12/2013	---	0.04	---	---	< 0.0020	1,900	< 0.0060	---	< 0.020	640	0.017	---	---	10	< 0.0050	2,800	< 0.010
MW-4	6/27/2013	---	0.039	---	---	< 0.0020	1,700	< 0.0060	---	< 0.020	580	0.027	---	---	8	< 0.25	2,000	< 0.010
MW-4	4/19/2018	< 0.020	0.034	< 0.0020	---	< 0.0020	2,300	< 0.0060	< 0.0060	< 0.020	790	0.012	< 0.0080	0.011	11	0.041	4,100	0.056
MW-4	3/21/2019	< 0.020	0.041	< 0.0020	0.22	< 0.0020	2,100	< 0.0060	< 0.0060	0.025	770	0.013	< 0.0080	< 0.010	10	0.03	3,800	0.018
MW-4	10/28/2019	< 0.020	0.042	**0.0041**	0.18	< 0.0020	2,300	< 0.0060	< 0.0060	< 0.020	770	0.01	< 0.0080	< 0.010	9	**0.051**	3,300	0.025
MW-4	9/17/2020	< 0.10	0.046	< 0.010	0.21	< 0.010	2,300	< 0.030	< 0.030	< 0.10	780	0.013	< 0.040	< 0.050	9.7	< 0.025	3,300	< 0.050
MW-4	8/23/2021	< 0.10	0.04	< 0.010	< 0.20	< 0.010	2,200	< 0.030	< 0.030	0.035	720	0.011	< 0.040	< 0.050	11	< 0.025	3,300	0.051
MW-4	3/21/2022	<0.10	0.043	<0.010	<0.20	<0.010	2,400	<0.030	<0.030	0.02	810	<0.010	<0.040	<0.050	11	<0.025	3,600	<0.050
MW-4	8/4/2022	<0.20	0.043	<0.020	<0.40	<0.020	2,300	<0.060	<0.060	<0.20	790	0.05	<0.08	<0.10	<10	<0.050	3,300	<0.10
MW-4	11/28/2023	0.05	0.035	<0.0020	0.12	<0.0020	1,900	<0.0060	<0.0060	<0.020	670	0.0032	< 0.0080	<0.010	7.2	0.048	2,100	<0.010
MW-4	5/2/2024	---	---	< 0.0020	---	---	---	---	---	<0.020	---	0.010	---	---	---	0.022	---	---
MW-4	9/26/2024	---	---	0.0025	---	---	---	---	---	0.21	---	**0.51**	---	---	---	**0.060**	---	---
MW-4	12/12/2024	---	---	<0.010	---	---	---	---	---	<0.25	---	**0.21**	---	---	---	**0.15**	---	---
20.6.2.3103 NMAC GW STANDARDS (<10,000 mg/L)							**---**				**---**				**---**		**---**	
A. Human Health Standards			**2**	**0.004**		**0.005**		**0.05**								**0.05**		
B. Other Standards for Domestic Water Supply										**1.0**		**0.2**						**10**
C. Standards for Irrigation Use		**5.0**			**0.75**				**0.05**				**1.0**	**0.2**				

Notes:
1. Exceedances of the listed closure criteria highlighted in bold, red type.

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 2 OF 2)
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	Antimony	Arsenic	Copper	Lead	Mercury	Selenium	Thallium	Uranium
MW-1	3/17/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.013	---	0.012
MW-1	6/18/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.016	---	0.013
MW-1	9/12/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.013	---	0.011
MW-1	12/6/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.0083	---	0.011
MW-1	3/12/2013	---	< 0.0050	< 0.0060	0.0052	< 0.00020	0.0086	---	0.012
MW-1	6/27/2013	---	< 0.010	< 0.0060	< 0.0050	< 0.00020	0.05	---	0.012
MW-1	4/19/2018	---	0.0087	< 0.0050	< 0.0050	< 0.00020	0.0084	---	0.01
MW-1	3/21/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0050	< 0.00020	< 0.0010	< 0.0050	0.0099
MW-1	10/28/2019	< 0.010	< 0.010	< 0.010	< 0.0050	---	< 0.010	< 0.0050	0.011
MW-1	9/17/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0050	0.01
MW-1	8/23/2021	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0025	0.011
MW-1	3/21/2022	<0.020	<0.020	<0.020	<0.010	---	<0.020	<0.0050	<0.010
MW-1	8/4/2022	<0.010	<0.010	<0.010	<0.0050	---	<0.010	<0.0025	0.0091
MW-1	11/28/2023	<0.0010	**0.011**	< 0.0060	<0.00050	---	0.0051	<0.00025	0.0081
MW-1	5/2/2024	---	0.0011	---	---	---	0.0041	---	---
MW-1	9/26/2024	---	0.0017	---	---	---	0.0046	---	---
MW-1	12/12/2024	---	0.0029	---	---	---	0.0075	---	---
MW-2	3/17/2012	---	0.0011	< 0.0060	< 0.0050	< 0.00020	0.0067	---	0.0072
MW-2	6/18/2012	---	0.0014	< 0.0060	< 0.0050	< 0.00020	0.0075	---	0.0076
MW-2	9/12/2012	---	0.0013	< 0.0060	< 0.0010	< 0.00020	0.0069	---	0.0075
MW-2	12/6/2012	---	< 0.0010	< 0.0060	< 0.0010	< 0.00020	0.0067	---	0.0089
MW-2	3/12/2013	---	< 0.0010	< 0.0060	< 0.0050	< 0.00020	0.0073	---	0.0081
MW-2	6/27/2013	---	0.0023	< 0.0060	< 0.0050	< 0.00020	0.013	---	0.0077
MW-2	4/19/2018	---	< 0.0050	< 0.0010	< 0.0025	< 0.00020	0.0061	---	0.0066
MW-2	3/21/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0025	< 0.00020	0.0054	< 0.0025	0.0073
MW-2	10/28/2019	< 0.0050	< 0.0050	< 0.0050	< 0.0025	---	0.0053	< 0.0025	0.0073
MW-2	9/17/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0050	0.0064
MW-2	8/23/2021	< 0.010	< 0.010	< 0.0060	< 0.0050	---	< 0.010	< 0.0025	0.0072
MW-2	3/21/2022	<0.010	<0.010	<0.010	<0.0050	---	<0.010	<0.0025	0.0064
MW-2	8/4/2022	<0.010	<0.010	<0.010	<0.0050	---	<0.010	<0.0025	0.0064
MW-2	11/28/2023	<0.0010	0.004	<0.0060	<0.00050	---	0.0058	<0.00025	0.0064
MW-2	5/2/2024	---	0.00087	---	---	---	0.0067	---	---
MW-2	9/26/2024	---	0.00086	---	---	---	0.0056	---	---
MW-2	12/12/2024	---	0.0020	---	---	---	0.0064	---	---
MW-3	3/17/2012	---	0.0065	< 0.030	< 0.025	0.00056	0.034	---	0.015
MW-3	6/18/2012	---	< 0.020	< 0.030	< 0.025	0.00021	0.049	---	< 0.020
MW-3	9/12/2012	---	**0.016**	< 0.030	< 0.010	0.00027	**0.052**	---	0.018
MW-3	12/6/2012	---	< 0.010	< 0.030	< 0.0050	< 0.0010	0.033	---	0.02
MW-3	3/12/2013	---	< 0.010	< 0.030	< 0.025	0.00033	0.028	---	0.016
MW-3	6/27/2013	---	**0.035**	< 0.030	< 0.25	0.00045	**0.21**	---	< 0.020
MW-3	4/19/2018	---	**0.011**	< 0.0050	< 0.010	< 0.0010	0.011	---	0.012
MW-3	3/21/2019	< 0.020	< 0.0010	< 0.010	< 0.010	< 0.00020	0.016	< 0.010	0.011
MW-3	10/28/2019	< 0.010	< 0.010	< 0.010	< 0.0050	---	0.018	< 0.0050	0.012
MW-3	9/17/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	0.015	< 0.0050	0.012
MW-3	8/23/2021	< 0.010	< 0.010	< 0.030	< 0.0050	---	0.019	< 0.0025	0.012
MW-3	3/21/2022	<0.020	<0.020	<0.020	<0.010	---	<0.020	<0.0050	0.011
MW-3	8/4/2022	<0.020	<0.020	<0.020	<0.010	---	<0.020	<0.0050	0.014
MW-3	11/28/2023	<0.0010	**0.063**	<0.030	<0.00050	---	0.0069	0.00093	0.014
MW-3	5/2/2024	---	0.0033	---	---	---	0.019	---	---
MW-3	9/26/2024	---	0.0030	---	---	---	0.013	---	---
MW-3	12/12/2024	---	<0.025	---	---	---	<0.050	---	---

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 2 OF 2)
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	Antimony	Arsenic	Copper	Lead	Mercury	Selenium	Thallium	Uranium
MW-4	3/17/2012	---	< 0.0050	< 0.030	< 0.0050	< 0.00020	0.011	---	0.017
MW-4	6/18/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.016	---	0.018
MW-4	9/12/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.017	---	0.016
MW-4	12/6/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.01	---	0.016
MW-4	3/12/2013	---	< 0.010	< 0.0060	< 0.0050	< 0.00020	< 0.010	---	0.015
MW-4	6/27/2013	---	**0.012**	< 0.0060	< 0.0050	< 0.00020	**0.066**	---	0.017
MW-4	4/19/2018	---	**0.014**	< 0.0050	< 0.010	< 0.00020	< 0.010	---	0.014
MW-4	3/21/2019	< 0.0050	< 0.0050	< 0.0050	< 0.0025	< 0.00020	< 0.0050	< 0.0025	0.015
MW-4	10/28/2019	< 0.010	< 0.010	< 0.010	< 0.0050	---	< 0.010	< 0.0050	0.014
MW-4	9/17/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0050	0.014
MW-4	8/23/2021	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0025	0.015
MW-4	3/21/2022	<0.010	<0.010	<0.010	<0.0050	---	<0.010	<0.0025	0.015
MW-4	8/4/2022	<0.020	<0.020	<0.020	<0.010	---	<0.020	<0.0050	0.013
MW-4	11/28/2023	<0.0010	**0.037**	<0.0060	<0.00050	---	0.0037	<0.00025	0.012
MW-4	5/2/2024	---	0.0018	---	---	---	0.0042	---	---
MW-4	9/26/2024	---	0.0077	---	---	---	0.0029	---	---
MW-4	12/11/2024	---	<0.010	---	---	---	<0.020	---	---
20.6.2.3103 NMAC GW STANDARDS (<10,000 mg/L)									
A. Human Health Standards		**0.006**	**0.01**		**0.015**	**0.002**	**0.05**	**0.002**	**0.03**
B. Other Standards for Domestic Water Supply				**1.0**					
C. Standards for Irrigation Use									

Notes:
1. Exceedances of the listed closure criteria highlighted in bold, red type.

CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	TPH TOTAL	TPH GRO	TPH DRO	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene
SB-1	10/19/2000	<1.00	<0.50	<0.50	---	0.088	0.007	0.056	0.082	---	---	---	---	---
MW-1	9/19/2002	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---	---
MW-1	11/3/2004	---	---	---	---	< 0.0020	< 0.0020	< 0.0020	<0.0060	---	---	---	---	---
MW-1	3/17/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.0010	< 0.0010	< 0.0020	<0.0040	<0.0040
MW-1	6/18/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-1	9/12/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-1	12/6/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-1	3/12/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-1	6/27/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-1	4/19/2018	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-1	3/21/2019	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	---	---
MW-1	10/28/2019	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-1	9/17/2020	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-1	8/23/2021	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-1	3/21/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-1	8/4/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-1	11/28/2023	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	9/19/2002	---	---	---	---	<0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---	---
MW-2	11/3/2004	---	---	---	---	<0.0020	<0.0020	<0.0020	<0.0060	---	---	---	---	---
MW-2	3/17/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.0010	< 0.0010	< 0.0020	<0.0040	<0.0040
MW-2	6/18/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-2	9/12/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-2	12/6/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-2	3/12/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-2	6/27/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-2	4/19/2018	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	3/21/2019	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	---	---
MW-2	10/28/2019	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	9/17/2020	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	8/23/2021	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	3/21/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	8/4/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-2	11/28/2023	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	9/19/2002	---	---	---	---	<0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---	---
MW-3	11/3/2004	---	---	---	---	<0.0020	<0.0020	<0.0020	<0.0060	---	---	---	---	---
MW-3	3/17/2012	---	---	---	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0040	< 0.0020	< 0.0020	< 0.0040	<0.0080	<0.0080
MW-3	6/18/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-3	9/12/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-3	12/6/2012	---	---	---	---	<0.0020	<0.0020	<0.0020	<0.0040	---	---	<0.0040	---	---

CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	TPH TOTAL	TPH GRO	TPH DRO	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Naphthalene	1-Methyl naphthalene	2-Methyl naphthalene
MW-3	3/12/2013	---	---	---	---	<0.0020	<0.0020	<0.0020	<0.0040	---	---	<0.0040	---	---
MW-3	6/27/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-3	4/19/2018	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	3/21/2019	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	---	---
MW-3	10/28/2019	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	9/17/2020	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	8/23/2021	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	3/21/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	8/4/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-3	11/28/2023	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	9/19/2002	---	---	---	---	<0.0010	< 0.0010	< 0.0010	< 0.0010	---	---	---	---	---
MW-4	11/3/2004	---	---	---	---	<0.0020	<0.0020	0.006	<0.0060	---	---	---	---	---
MW-4	3/17/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.0010	< 0.0010	< 0.0020	<0.0040	<0.0040
MW-4	6/18/2012	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-4	9/12/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-4	12/6/2012	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-4	3/12/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-4	6/27/2013	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0020	---	---	< 0.0020	---	---
MW-4	4/19/2018	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	3/21/2019	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	---	---
MW-4	10/28/2019	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	9/17/2020	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	8/23/2021	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	3/21/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	8/4/2022	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
MW-4	11/28/2023	---	---	---	---	< 0.0010	< 0.0010	< 0.0010	< 0.0015	---	---	< 0.0020	<0.0040	<0.0040
20.6.2.3103 NMAC GW STANDARDS (<10,000 mg/L)		**---**	**---**	**---**						**---**	**---**			
A. Human Health Standards						**0.005**	**1**	**0.7**	**0.62**			**0.03** [1]	**0.03** [1]	**0.03** [1]
B. Other Standards for Domestic Water Supply					**0.1**									
C. Standards for Irrigation Use														

Notes:

1. The 0.03 mg/L standard is for total naphthalene plus monomethylnaphthalenes.
2. Exceedances of the listed closure criteria highlighted in bold, red type.

CUMULATIVE GROUNDWATER SPECIFIC CONDUCTANCE, pH, ALKALINITY, AND TDS
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	Conductivity µmhos/c	pH	Alkalinity (mg/L)			TDS (mg/L)
				Bicarbonate (As CaCO3)	Carbonate (As CaCO3)	Total Alkalinity (as CaCO3)	
MW-1	9/19/2002	---	---	---	---	---	3,880
MW-1	11/3/2004	---	---	---	---	---	6,796
MW-1	3/17/2012	28,000	7.23	180	< 2.0	180	15,300
MW-1	6/18/2012	31,000	7.03	180	< 2.0	180	15,400
MW-1	9/12/2012	18,000	7.01	170	< 2.0	170	11,700
MW-1	12/6/2012	15,000	6.9	180	< 2.0	180	9,660
MW-1	3/12/2013	25,000	---	190	< 2.0	190	12,700
MW-1	6/27/2013	19,000	7.23	190	< 2.0	190	11,600
MW-1	4/19/2018	27,000	7.30	189.5	< 2.000	189.5	15,200
MW-1	3/21/2019	30,000	6.98	188.8	< 2.000	188.8	16,200
MW-1	10/28/2019	22,000	7.21	226.7	< 2.000	226.7	16,100
MW-1	9/17/2020	31,000	7.14	174.3	< 2.000	174.3	19,000
MW-1	8/23/2021	36,000	---	170.1	< 2.000	170.1	18,100
MW-1	3/21/2022	32,000	7.19	164.2	< 2.000	164.2	19,400
MW-1	8/4/2022	28,000	7.36	176.6	<2.000	176.6	17,200
MW-1	11/28/2023	16,000	7.25	162.5	<2.000	162.5	8,940
MW-1	5/2/2024	---	---	---	---	---	12,000
MW-1	9/26/2024	---	---	---	---	---	11,000
MW-1	12/12/2024	---	---	---	---	---	9,800
MW-2	9/19/2002	---	---	---	---	---	2,270
MW-2	11/3/2004	---	---	---	---	---	2,984
MW-2	3/17/2012	4,700	7.45	150	<2.0	150	3,650
MW-2	6/18/2012	4,300	7.3	150	< 2.0	150	3,220
MW-2	9/12/2012	4,200	7.31	160	< 2.0	160	3,140
MW-2	12/6/2012	4,100	7.21	160	< 2.0	160	2,970
MW-2	3/12/2013	4,600	---	150	< 2.0	150	3,430
MW-2	6/27/2013	4,200	7.52	160	< 2.0	160	2,910
MW-2	4/19/2018	5,300	7.47	154.9	< 2.000	154.9	3,810
MW-2	3/21/2019	5,900	7.26	150.2	< 2.000	150.2	4,190
MW-2	10/28/2019	5,400	7.47	156.4	< 2.000	156.4	3,580
MW-2	9/17/2020	6,600	7.55	149.9	< 2.000	149.9	4,520
MW-2	8/23/2021	6,200	---	147.6	< 2.000	147.6	4,510
MW-2	3/21/2022	6,500	7.74	146.6	< 2.000	146.6	4,990
MW-2	8/4/2022	6,300	7.47	151	<2.000	151	5,210
MW-2	11/28/2023	5,100	7.29	156.3	<2.000	156.3	3,940
MW-2	5/2/2024	---	---	---	---	---	4,700
MW-2	9/26/2024	---	---	---	---	---	4,700
MW-2	12/12/2024	---	---	---	---	---	3,700
MW-3	9/19/2002	---	---	---	---	---	67,400
MW-3	11/3/2004	---	---	---	---	---	52,200
MW-3	3/17/2012	87,000	7.17	250	< 2.0	250	44,800
MW-3	6/18/2012	86,000	6.89	240	< 2.0	240	44,500
MW-3	9/12/2012	90,000	6.87	250	< 2.0	250	46,100
MW-3	12/6/2012	93,000	6.71	250	< 2.0	250	44,000
MW-3	3/12/2013	90,000	6.76	250	< 2.0	250	47,700
MW-3	6/27/2013	91,000	7.10	240	< 2.0	240	49,400
MW-3	4/19/2018	51,000	7.22	282.7	< 2.000	282.7	28,000
MW-3	3/21/2019	47,000	6.88	288.1	< 2.000	288.1	29,700
MW-3	10/28/2019	89,000	7.13	260.2	< 2.000	260.2	49,100
MW-3	9/17/2020	45,000	7.03	289.7	< 2.000	289.7	25,500
MW-3	8/23/2021	51,000	---	294.2	< 2.000	294.2	27,100
MW-3	3/21/2022	44,000	7.49	314.7	< 2.000	314.7	23,200

CUMULATIVE GROUNDWATER SPECIFIC CONDUCTANCE, pH, ALKALINITY, AND TDS
INEX PIT
EDDY COUNTY, NEW MEXICO
AP-24

All Values Presented in Parts Per Million (mg/L)

SAMPLE ID	DATE	Conductivity µmhos/c	pH	Alkalinity (mg/L)			TDS (mg/L)
				Bicarbonate (As CaCO3)	Carbonate (As CaCO3)	Total Alkalinity (as CaCO3)	
MW-3	8/4/2022	84,000	7.13	273.7	<2.000	273.7	**45,700**
MW-3	11/28/2023	88,000	6.87	256.9	<2.000	256.9	**48,100**
MW-3	5/2/2024	---	---	---	---	---	**58,000**
MW-3	9/26/2024	---	---	---	---	---	**54,000**
MW-3	12/12/2024	---	---	---	---	---	**50,000**
MW-4	9/19/2002	---	---	---	---	---	**38,200**
MW-4	11/3/2004	---	---	---	---	---	**7,996**
MW-4	3/17/2012	31,000	7.13	200	< 2.0	200	**17,900**
MW-4	6/18/2012	32,000	7.02	200	< 2.0	200	**15,400**
MW-4	9/12/2012	24,000	6.89	190	< 2.0	190	**15,700**
MW-4	12/6/2012	22,000	6.79	180	< 2.0	180	**14,300**
MW-4	3/12/2013	28,000	---	190	< 2.0	190	**15,900**
MW-4	6/27/2013	25,000	7.12	170	< 2.0	170	**16,500**
MW-4	4/19/2018	40,000	7.07	191.7	< 2.000	191.7	**22,300**
MW-4	3/12/2013	28,000	---	190	< 2.0	190	**15,900**
MW-4	3/21/2019	35,000	6.83	191.7	< 2.000	191.7	**19,500**
MW-4	10/28/2019	34,000	7.07	190	< 2.000	190	**22,200**
MW-4	9/17/2020	35,000	7.02	189.9	< 2.000	189.9	**22,500**
MW-4	8/23/2021	37,000	---	191.9	< 2.000	191.9	**20,100**
MW-4	3/21/2022	35,000	7.29	196.4	< 2.000	196.4	**21,500**
MW-4	8/4/2022	37,000	7.03	191.5	<2.000	191.5	**27,300**
MW-4	11/28/2023	27,000	7.00	185.5	<2.000	185.5	**15,100**
MW-4	5/2/2024	---	---	---	---	---	**17,000**
MW-4	9/26/2024	---	---	---	---	---	**35,000**
MW-4	12/12/2024	---	---	---	---	---	**20,000**
20.6.2.3103 NMAC GW STANDARDS (<10,000 mg/L)		**---**		**---**	**---**	**---**	
A. Human Health Standards							
B. Other Standards for Domestic Water Supply			**6 to 9**				**1,000**
C. Standards for Irrigation Use							

Notes:
1. Exceedances of the listed closure criteria highlighted in bold, red type.

ATTACHMENT 1 – SITE PHOTOGRAPHS

PHOTOGRAPH NO. 1 – A view of the Site with the four monitor wells and former pit location visible. The view is toward the west.

(Approximate GPS: 32.723596, -104.347714)

PHOTOGRAPH NO. 2 – A view of the former pit area and monitor wells "MW-4" and "MW-1". The view is towards the east.

(Approximate GPS: 32.723580, -104.348184)

ATTACHMENT 2 – LABORATORY ANALYTICAL REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 5/29/2024 4:58:35 PM

JOB DESCRIPTION

Inex Pit

JOB NUMBER

885-3862-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization

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5/29/2024 4:58:35 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Laboratory Job ID: 885-3862-1

Table of Contents

Definitions/Glossary

Client: Ranger Environmental Services, Inc Job ID: 885-3862-1
Project/Site: Inex Pit

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Case Narrative

Client: Ranger Environmental Services, Inc Job ID: 885-3862-1
Project: Inex Pit

Job ID: 885-3862-1 Eurofins Albuquerque

Job Narrative
885-3862-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 5/3/2024 7:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

HPLC/IC
Method 300_OF_28D_PREC: Due to high concentration of some analytes, software was unable to successfully identify analyte crow. result will be reported from dilution.

MW-1 (885-3862-1), MW-3 (885-3862-3) and MW-4 (885-3862-4)

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

Metals
Method 200.7 - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-4537 and analytical batch 885-4684 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 200.7 - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: MW-1 (885-3862-1). Elevated reporting limits (RLs) are provided.

Method 200.7 - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: MW-2 (885-3862-2). Elevated reporting limits (RLs) are provided.

Method 200.7 - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: MW-4 (885-3862-4). Elevated reporting limits (RLs) are provided.

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

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

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Client Sample ID: MW-1

Date Collected: 05/02/24 08:24
Date Received: 05/03/24 07:30

Lab Sample ID: 885-3862-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4800**		250		mg/L			05/08/24 01:53	500
Nitrate	ND		2.0		mg/L			05/03/24 18:15	20
Fluoride	ND		2.0		mg/L			05/03/24 18:15	20
Nitrite	ND		2.0		mg/L			05/03/24 18:15	20
Sulfate	**880**		250		mg/L			05/08/24 01:53	500

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		05/08/24 08:44	05/09/24 11:30	5
Iron	**0.88**		0.25		mg/L		05/08/24 08:44	05/09/24 11:30	5
Manganese	**0.042**		0.010		mg/L		05/08/24 08:44	05/09/24 11:30	5
Silver	ND		0.025		mg/L		05/08/24 08:44	05/10/24 12:29	5

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			05/06/24 09:08	1
Iron	ND		0.020		mg/L			05/06/24 09:08	1
Manganese	ND		0.0020		mg/L			05/06/24 09:08	1
Silver	**0.011**		0.0050		mg/L			05/06/24 09:08	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0035**		0.00050		mg/L		05/08/24 08:44	05/15/24 16:45	1
Selenium	**0.0049**		0.0010		mg/L		05/08/24 08:44	05/15/24 16:45	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0011**		0.00050		mg/L			05/28/24 13:54	1
Selenium	**0.0041**		0.0010		mg/L			05/28/24 13:54	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**12000**		500		mg/L			05/07/24 13:59	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Client Sample ID: MW-2

Date Collected: 05/02/24 10:09
Date Received: 05/03/24 07:30

Lab Sample ID: 885-3862-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		50		mg/L			05/08/24 02:06	100
Nitrate	**0.73**		0.10		mg/L			05/03/24 18:28	1
Fluoride	ND		2.0		mg/L			05/03/24 18:40	20
Nitrite	ND		2.0		mg/L			05/03/24 18:40	20
Sulfate	**910**		50		mg/L			05/08/24 02:06	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		05/08/24 08:44	05/09/24 11:33	5
Iron	**0.30**		0.050		mg/L		05/08/24 08:44	05/09/24 11:32	1
Manganese	**0.013**		0.010		mg/L		05/08/24 08:44	05/09/24 11:33	5
Silver	ND		0.0050		mg/L		05/08/24 08:44	05/10/24 10:48	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			05/06/24 09:10	1
Iron	ND		0.020		mg/L			05/06/24 09:10	1
Manganese	ND		0.0020		mg/L			05/06/24 09:10	1
Silver	**0.0094**		0.0050		mg/L			05/06/24 09:10	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0020**		0.00050		mg/L		05/08/24 08:44	05/15/24 16:49	1
Selenium	**0.0066**		0.0010		mg/L		05/08/24 08:44	05/15/24 16:49	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00087**		0.00050		mg/L			05/28/24 13:56	1
Selenium	**0.0067**		0.0010		mg/L			05/28/24 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4700**		500		mg/L			05/07/24 13:59	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Client Sample ID: MW-3

Date Collected: 05/02/24 07:40
Date Received: 05/03/24 07:30

Lab Sample ID: 885-3862-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28000**		1000		mg/L			05/08/24 02:32	2000
Nitrate	**4.2**		2.0		mg/L			05/03/24 19:32	20
Fluoride	ND		2.0		mg/L			05/03/24 19:32	20
Nitrite	ND	H	10		mg/L			05/08/24 02:19	100
Sulfate	**2500**		1000		mg/L			05/08/24 02:32	2000

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.020		mg/L		05/08/24 08:44	05/10/24 10:50	10
Iron	**17**		1.0		mg/L		05/08/24 08:44	05/10/24 10:52	20
Manganese	**1.5**		0.020		mg/L		05/08/24 08:44	05/10/24 10:50	10
Silver	ND		0.050		mg/L		05/08/24 08:44	05/10/24 10:50	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			05/06/24 15:07	1
Iron	**0.22**		0.020		mg/L			05/06/24 09:13	1
Manganese	**0.18**		0.0020		mg/L			05/06/24 15:07	1
Silver	**0.029**		0.0050		mg/L			05/06/24 09:13	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.017**		0.00050		mg/L		05/08/24 08:44	05/15/24 16:53	1
Selenium	**0.0097**		0.0010		mg/L		05/08/24 08:44	05/15/24 16:53	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0033**		0.00050		mg/L			05/28/24 14:10	1
Selenium	**0.019**		0.0010		mg/L			05/28/24 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**58000**		5000		mg/L			05/07/24 13:59	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Client Sample ID: MW-4

Date Collected: 05/02/24 09:24
Date Received: 05/03/24 07:30

Lab Sample ID: 885-3862-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8100**		500		mg/L			05/08/24 02:45	1000
Nitrate	ND		2.0		mg/L			05/03/24 19:58	20
Fluoride	ND		2.0		mg/L			05/03/24 19:58	20
Nitrite	ND		2.0		mg/L			05/03/24 19:58	20
Sulfate	**980**		10		mg/L			05/03/24 19:58	20

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.020		mg/L		05/08/24 08:44	05/10/24 10:54	10
Iron	ND		0.25		mg/L		05/08/24 08:44	05/09/24 11:41	5
Manganese	**0.024**		0.020		mg/L		05/08/24 08:44	05/10/24 10:54	10
Silver	ND		0.050		mg/L		05/08/24 08:44	05/10/24 10:54	10

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			05/06/24 15:10	1
Iron	ND		0.020		mg/L			05/06/24 15:10	1
Manganese	**0.010**		0.0020		mg/L			05/06/24 15:10	1
Silver	**0.022**		0.0050		mg/L			05/06/24 15:10	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0080**		0.00050		mg/L		05/08/24 08:44	05/15/24 16:56	1
Selenium	**0.0051**		0.0010		mg/L		05/08/24 08:44	05/15/24 16:56	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0018**		0.00050		mg/L			05/28/24 14:16	1
Selenium	**0.0042**		0.0010		mg/L			05/28/24 14:16	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**17000**		1000		mg/L			05/07/24 13:59	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4387/4
Matrix: Water
Analysis Batch: 4387

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			05/03/24 09:14	1
Fluoride	ND		0.10		mg/L			05/03/24 09:14	1
Sulfate	ND		0.50		mg/L			05/03/24 09:14	1

Lab Sample ID: LCS 885-4387/5
Matrix: Water
Analysis Batch: 4387

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.62		mg/L		92	90 - 110		
Fluoride			0.500	0.474		mg/L		95	90 - 110		
Sulfate			10.0	9.43		mg/L		94	90 - 110		

Lab Sample ID: MRL 885-4387/3
Matrix: Water
Analysis Batch: 4387

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.516		mg/L		103	50 - 150		
Fluoride			0.100	0.102		mg/L		102	50 - 150		
Sulfate			0.500	0.514		mg/L		103	50 - 150		

Lab Sample ID: MB 885-4388/4
Matrix: Water
Analysis Batch: 4388

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10		mg/L			05/03/24 09:14	1
Nitrite	ND		0.10		mg/L			05/03/24 09:14	1

Lab Sample ID: LCS 885-4388/5
Matrix: Water
Analysis Batch: 4388

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate			2.50	2.43		mg/L		97	90 - 110		
Nitrite			1.00	0.956		mg/L		96	90 - 110		

Lab Sample ID: MRL 885-4388/3
Matrix: Water
Analysis Batch: 4388

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate			0.100	0.101		mg/L		101	50 - 150		
Nitrite			0.0999	0.100		mg/L		100	50 - 150		

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-4540/18
Matrix: Water
Analysis Batch: 4540

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			05/07/24 09:41	1
Fluoride	ND		0.10		mg/L			05/07/24 09:41	1
Sulfate	ND		0.50		mg/L			05/07/24 09:41	1

Lab Sample ID: MB 885-4540/61
Matrix: Water
Analysis Batch: 4540

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			05/07/24 22:53	1
Fluoride	ND		0.10		mg/L			05/07/24 22:53	1
Sulfate	ND		0.50		mg/L			05/07/24 22:53	1

Lab Sample ID: LCS 885-4540/62
Matrix: Water
Analysis Batch: 4540

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.62		mg/L		92	90 - 110		
Fluoride			0.500	0.479		mg/L		96	90 - 110		
Sulfate			10.0	9.38		mg/L		94	90 - 110		

Lab Sample ID: MRL 885-4540/17
Matrix: Water
Analysis Batch: 4540

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.520		mg/L		104	50 - 150		
Fluoride			0.100	0.103		mg/L		103	50 - 150		
Sulfate			0.500	0.491	J	mg/L		98	50 - 150		

Lab Sample ID: MB 885-4551/4
Matrix: Water
Analysis Batch: 4551

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10		mg/L			05/07/24 09:41	1
Nitrite	ND		0.10		mg/L			05/07/24 09:41	1

Lab Sample ID: MB 885-4551/61
Matrix: Water
Analysis Batch: 4551

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10		mg/L			05/07/24 22:53	1
Nitrite	ND		0.10		mg/L			05/07/24 22:53	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-4551/62
Matrix: Water
Analysis Batch: 4551

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.42		mg/L		97	90 - 110
Nitrite	1.00	0.948		mg/L		95	90 - 110

Lab Sample ID: MRL 885-4551/3
Matrix: Water
Analysis Batch: 4551

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.100		mg/L		100	50 - 150
Nitrite	0.0999	0.101		mg/L		101	50 - 150

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 885-4392/17
Matrix: Water
Analysis Batch: 4392

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	mg/L			05/06/24 08:22	1
Iron	ND		0.020	mg/L			05/06/24 08:22	1
Manganese	ND		0.0020	mg/L			05/06/24 08:22	1
Silver	ND		0.0050	mg/L			05/06/24 08:22	1

Lab Sample ID: LCS 885-4392/19
Matrix: Water
Analysis Batch: 4392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.497		mg/L		99	85 - 115
Iron	0.500	0.518		mg/L		104	85 - 115
Manganese	0.500	0.470		mg/L		94	85 - 115
Silver	0.500	0.503		mg/L		101	85 - 115

Lab Sample ID: LLCS 885-4392/18
Matrix: Water
Analysis Batch: 4392

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00196	J	mg/L		98	50 - 150
Iron	0.0200	0.0230		mg/L		115	50 - 150
Manganese	0.00200	0.00184	J	mg/L		92	50 - 150
Silver	0.00500	0.00452	J	mg/L		90	50 - 150

Lab Sample ID: MRL 885-4392/14
Matrix: Water
Analysis Batch: 4392

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00211		mg/L		105	50 - 150
Iron	0.0200	0.0207	J	mg/L		103	50 - 150

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MRL 885-4392/14
Matrix: Water
Analysis Batch: 4392

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.00200	0.00192	J	mg/L		96	50 - 150
Silver	0.00500	0.00514		mg/L		103	50 - 150

Lab Sample ID: MB 885-4447/17
Matrix: Water
Analysis Batch: 4447

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	mg/L			05/06/24 14:21	1
Iron	ND		0.020	mg/L			05/06/24 14:21	1
Manganese	ND		0.0020	mg/L			05/06/24 14:21	1
Silver	ND		0.0050	mg/L			05/06/24 14:21	1

Lab Sample ID: LCS 885-4447/19
Matrix: Water
Analysis Batch: 4447

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.502		mg/L		100	85 - 115
Iron	0.500	0.505		mg/L		101	85 - 115
Manganese	0.500	0.501		mg/L		100	85 - 115
Silver	0.500	0.494		mg/L		99	85 - 115

Lab Sample ID: LLCS 885-4447/18
Matrix: Water
Analysis Batch: 4447

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00194	J	mg/L		97	50 - 150
Iron	0.0200	0.0223		mg/L		111	50 - 150
Manganese	0.00200	0.00196	J	mg/L		98	50 - 150
Silver	0.00500	0.00499	J	mg/L		100	50 - 150

Lab Sample ID: MRL 885-4447/14
Matrix: Water
Analysis Batch: 4447

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00201		mg/L		100	50 - 150
Iron	0.0200	0.0212	J	mg/L		106	50 - 150
Manganese	0.00200	0.00211		mg/L		106	50 - 150
Silver	0.00500	0.00488	J	mg/L		98	50 - 150

Lab Sample ID: MRL 885-4684/14
Matrix: Water
Analysis Batch: 4684

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00190	J	mg/L		95	50 - 150
Iron	0.0200	0.0185	J	mg/L		93	50 - 150

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MRL 885-4684/14
Matrix: Water
Analysis Batch: 4684

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.00200	0.00190	J	mg/L		95	50 - 150
Silver	0.00500	0.00464	J	mg/L		93	50 - 150

Lab Sample ID: MRL 885-4755/13
Matrix: Water
Analysis Batch: 4755

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00197	J	mg/L		98	50 - 150
Iron	0.0200	0.0197	J	mg/L		99	50 - 150
Manganese	0.00200	0.00197	J	mg/L		98	50 - 150
Silver	0.00500	0.00531		mg/L		106	50 - 150

Lab Sample ID: MB 885-4537/1-A
Matrix: Water
Analysis Batch: 4684

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	mg/L		05/08/24 08:44	05/09/24 08:50	1
Iron	ND		0.050	mg/L		05/08/24 08:44	05/09/24 08:50	1
Manganese	ND		0.0020	mg/L		05/08/24 08:44	05/09/24 08:50	1
Silver	ND		0.0050	mg/L		05/08/24 08:44	05/09/24 08:50	1

Lab Sample ID: LCS 885-4537/3-A
Matrix: Water
Analysis Batch: 4684

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.487		mg/L		97	85 - 115
Iron	0.500	0.467		mg/L		93	85 - 115
Manganese	0.500	0.463		mg/L		93	85 - 115
Silver	0.100	0.0927		mg/L		93	85 - 115

Lab Sample ID: LLCS 885-4537/2-A
Matrix: Water
Analysis Batch: 4684

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00196	J	mg/L		98	50 - 150
Iron	0.0200	0.0193	J	mg/L		96	50 - 150
Manganese	0.00200	0.00192	J	mg/L		96	50 - 150
Silver	0.00500	0.00457	J	mg/L		91	50 - 150

Lab Sample ID: 885-3862-3 MS
Matrix: Water
Analysis Batch: 4392

Client Sample ID: MW-3
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.22		0.500	0.692		mg/L		94	70 - 130
Silver	0.029		0.500	0.439		mg/L		82	70 - 130

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: 885-3862-3 MSD
Matrix: Water
Analysis Batch: 4392

Client Sample ID: MW-3
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.22		0.500	0.686		mg/L		93	70 - 130	1	20
Silver	0.029		0.500	0.443		mg/L		83	70 - 130	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MRL 885-5081/10
Matrix: Water
Analysis Batch: 5081

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.000940	J	mg/L		94	50 - 150

Lab Sample ID: MRL 885-5081/11
Matrix: Water
Analysis Batch: 5081

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000568		mg/L		114	50 - 150

Lab Sample ID: MB 885-5373/12
Matrix: Water
Analysis Batch: 5373

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0010		mg/L			05/21/24 11:45	1

Lab Sample ID: LCS 885-5373/13
Matrix: Water
Analysis Batch: 5373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.0250	0.0261		mg/L		104	85 - 115

Lab Sample ID: MRL 885-5373/10
Matrix: Water
Analysis Batch: 5373

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.000894	J	mg/L		89	50 - 150

Lab Sample ID: MRL 885-5373/11
Matrix: Water
Analysis Batch: 5373

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000447	J	mg/L		89	50 - 150
Selenium	0.000500	0.000631	J	mg/L		126	50 - 150

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 885-5764/43
Matrix: Water
Analysis Batch: 5764

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.00050		mg/L			05/28/24 13:37	1
Selenium	ND		0.0010		mg/L			05/28/24 13:37	1

Lab Sample ID: LCS 885-5764/44
Matrix: Water
Analysis Batch: 5764

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.0250	0.0242		mg/L		97	85 - 115		
Selenium			0.0250	0.0228		mg/L		91	85 - 115		

Lab Sample ID: MRL 885-5764/40
Matrix: Water
Analysis Batch: 5764

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Selenium			0.00100	0.000967	J	mg/L		97	50 - 150		

Lab Sample ID: MRL 885-5764/41
Matrix: Water
Analysis Batch: 5764

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.000500	0.000425	J	mg/L		85	50 - 150		

Lab Sample ID: MB 885-4537/1-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.00050		mg/L		05/08/24 08:44	05/08/24 13:58	1
Selenium	ND		0.0010		mg/L		05/08/24 08:44	05/08/24 13:58	1

Lab Sample ID: LCS 885-4537/6-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.0250	0.0244		mg/L		98	85 - 115		
Selenium			0.0250	0.0259		mg/L		103	85 - 115		

Lab Sample ID: LLCS 885-4537/4-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Selenium			0.00100	0.00113		mg/L		113	50 - 150		

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 885-4537/5-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4537

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.000500	0.000411	J	mg/L		82	50 - 150		

Lab Sample ID: 885-3862-1 MS
Matrix: Water
Analysis Batch: 5373

Client Sample ID: MW-1
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	0.016	^- ^+	0.0250	0.0400		mg/L		95	70 - 130		
Selenium	0.0059	^- ^+ ^2	0.0250	0.0277		mg/L		87	70 - 130		

Lab Sample ID: 885-3862-2 MS
Matrix: Water
Analysis Batch: 5764

Client Sample ID: MW-2
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	0.00087		0.0250	0.0270		mg/L		105	70 - 130		
Selenium	0.0067		0.0250	0.0296		mg/L		92	70 - 130		

Lab Sample ID: 885-3862-2 MSD
Matrix: Water
Analysis Batch: 5764

Client Sample ID: MW-2
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.00087		0.0250	0.0275		mg/L		107	70 - 130	2	20
Selenium	0.0067		0.0250	0.0311		mg/L		98	70 - 130	5	20

Lab Sample ID: 885-3862-3 MS
Matrix: Water
Analysis Batch: 5764

Client Sample ID: MW-3
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	0.0033		0.0250	0.0265		mg/L		93	70 - 130		
Selenium	0.019		0.0250	0.0367		mg/L		70	70 - 130		

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-4515/1
Matrix: Water
Analysis Batch: 4515

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			05/07/24 13:59	1

Lab Sample ID: LCS 885-4515/2
Matrix: Water
Analysis Batch: 4515

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1010		mg/L		101	80 - 120		

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

HPLC/IC

Analysis Batch: 4387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total/NA	Water	300.0	
885-3862-2	MW-2	Total/NA	Water	300.0	
885-3862-3	MW-3	Total/NA	Water	300.0	
885-3862-4	MW-4	Total/NA	Water	300.0	
MB 885-4387/4	Method Blank	Total/NA	Water	300.0	
LCS 885-4387/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-4387/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 4388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total/NA	Water	300.0	
885-3862-2	MW-2	Total/NA	Water	300.0	
885-3862-2	MW-2	Total/NA	Water	300.0	
885-3862-3	MW-3	Total/NA	Water	300.0	
885-3862-4	MW-4	Total/NA	Water	300.0	
MB 885-4388/4	Method Blank	Total/NA	Water	300.0	
LCS 885-4388/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-4388/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 4540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total/NA	Water	300.0	
885-3862-2	MW-2	Total/NA	Water	300.0	
885-3862-3	MW-3	Total/NA	Water	300.0	
885-3862-4	MW-4	Total/NA	Water	300.0	
MB 885-4540/18	Method Blank	Total/NA	Water	300.0	
MB 885-4540/61	Method Blank	Total/NA	Water	300.0	
LCS 885-4540/62	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-4540/17	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 4551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-3	MW-3	Total/NA	Water	300.0	
MB 885-4551/4	Method Blank	Total/NA	Water	300.0	
MB 885-4551/61	Method Blank	Total/NA	Water	300.0	
LCS 885-4551/62	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-4551/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Analysis Batch: 4392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Dissolved	Water	200.7 Rev 4.4	
885-3862-2	MW-2	Dissolved	Water	200.7 Rev 4.4	
885-3862-3	MW-3	Dissolved	Water	200.7 Rev 4.4	
MB 885-4392/17	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 885-4392/19	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LLCS 885-4392/18	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
MRL 885-4392/14	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
885-3862-3 MS	MW-3	Dissolved	Water	200.7 Rev 4.4	
885-3862-3 MSD	MW-3	Dissolved	Water	200.7 Rev 4.4	

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Metals

Analysis Batch: 4447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-3	MW-3	Dissolved	Water	200.7 Rev 4.4	
885-3862-4	MW-4	Dissolved	Water	200.7 Rev 4.4	
MB 885-4447/17	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 885-4447/19	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LLCS 885-4447/18	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
MRL 885-4447/14	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Prep Batch: 4537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total Recoverable	Water	200.2	
885-3862-2	MW-2	Total Recoverable	Water	200.2	
885-3862-3	MW-3	Total Recoverable	Water	200.2	
885-3862-4	MW-4	Total Recoverable	Water	200.2	
MB 885-4537/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-4537/3-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCS 885-4537/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-4537/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-4537/4-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-4537/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 4660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4537/1-A	Method Blank	Total Recoverable	Water	200.8	4537
LCS 885-4537/6-A	Lab Control Sample	Total Recoverable	Water	200.8	4537
LLCS 885-4537/4-A	Lab Control Sample	Total Recoverable	Water	200.8	4537
LLCS 885-4537/5-A	Lab Control Sample	Total Recoverable	Water	200.8	4537

Analysis Batch: 4684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	4537
MB 885-4537/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	4537
LCS 885-4537/3-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	4537
LLCS 885-4537/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	4537
MRL 885-4684/14	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 4755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	4537
885-3862-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	4537
MRL 885-4755/13	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 5081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total Recoverable	Water	200.8	4537
885-3862-2	MW-2	Total Recoverable	Water	200.8	4537

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Metals (Continued)

Analysis Batch: 5081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-3	MW-3	Total Recoverable	Water	200.8	4537
885-3862-4	MW-4	Total Recoverable	Water	200.8	4537
MRL 885-5081/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5081/11	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 5373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-5373/12	Method Blank	Total/NA	Water	200.8	
LCS 885-5373/13	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5373/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5373/11	Lab Control Sample	Total/NA	Water	200.8	
885-3862-1 MS	MW-1	Dissolved	Water	200.8	

Analysis Batch: 5764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Dissolved	Water	200.8	
885-3862-2	MW-2	Dissolved	Water	200.8	
885-3862-3	MW-3	Dissolved	Water	200.8	
885-3862-4	MW-4	Dissolved	Water	200.8	
MB 885-5764/43	Method Blank	Total/NA	Water	200.8	
LCS 885-5764/44	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5764/40	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5764/41	Lab Control Sample	Total/NA	Water	200.8	
885-3862-2 MS	MW-2	Dissolved	Water	200.8	
885-3862-2 MSD	MW-2	Dissolved	Water	200.8	
885-3862-3 MS	MW-3	Dissolved	Water	200.8	

General Chemistry

Analysis Batch: 4515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3862-1	MW-1	Total/NA	Water	2540C	
885-3862-2	MW-2	Total/NA	Water	2540C	
885-3862-3	MW-3	Total/NA	Water	2540C	
885-3862-4	MW-4	Total/NA	Water	2540C	
MB 885-4515/1	Method Blank	Total/NA	Water	2540C	
LCS 885-4515/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Client Sample ID: MW-1

Lab Sample ID: 885-3862-1

Date Collected: 05/02/24 08:24
Matrix: Water
Date Received: 05/03/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	4387	SS	EET ALB	05/03/24 18:15
Total/NA	Analysis	300.0		20	4388	SS	EET ALB	05/03/24 18:15
Total/NA	Analysis	300.0		500	4540	SS	EET ALB	05/08/24 01:53
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 09:08
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		5	4684	JR	EET ALB	05/09/24 11:30
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		5	4755	JR	EET ALB	05/10/24 12:29
Dissolved	Analysis	200.8		1	5764	ES	EET ALB	05/28/24 13:54
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.8		1	5081	BV	EET ALB	05/15/24 16:45
Total/NA	Analysis	2540C		1	4515	KB	EET ALB	05/07/24 13:59

Client Sample ID: MW-2

Lab Sample ID: 885-3862-2

Date Collected: 05/02/24 10:09
Matrix: Water
Date Received: 05/03/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	4388	SS	EET ALB	05/03/24 18:28
Total/NA	Analysis	300.0		20	4387	SS	EET ALB	05/03/24 18:40
Total/NA	Analysis	300.0		20	4388	SS	EET ALB	05/03/24 18:40
Total/NA	Analysis	300.0		100	4540	SS	EET ALB	05/08/24 02:06
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 09:10
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		1	4684	JR	EET ALB	05/09/24 11:32
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		5	4684	JR	EET ALB	05/09/24 11:33
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		1	4755	JR	EET ALB	05/10/24 10:48
Dissolved	Analysis	200.8		1	5764	ES	EET ALB	05/28/24 13:56
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.8		1	5081	BV	EET ALB	05/15/24 16:49
Total/NA	Analysis	2540C		1	4515	KB	EET ALB	05/07/24 13:59

Client Sample ID: MW-3

Lab Sample ID: 885-3862-3

Date Collected: 05/02/24 07:40
Matrix: Water
Date Received: 05/03/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	4387	SS	EET ALB	05/03/24 19:32
Total/NA	Analysis	300.0		20	4388	SS	EET ALB	05/03/24 19:32
Total/NA	Analysis	300.0		100	4551	SS	EET ALB	05/08/24 02:19
Total/NA	Analysis	300.0		2000	4540	SS	EET ALB	05/08/24 02:32

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-3862-1

Client Sample ID: MW-3

Lab Sample ID: 885-3862-3

Date Collected: 05/02/24 07:40
Date Received: 05/03/24 07:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 09:13
Dissolved	Analysis	200.7 Rev 4.4		1	4447	VP	EET ALB	05/06/24 15:07
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		10	4755	JR	EET ALB	05/10/24 10:50
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		20	4755	JR	EET ALB	05/10/24 10:52
Dissolved	Analysis	200.8		1	5764	ES	EET ALB	05/28/24 14:10
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.8		1	5081	BV	EET ALB	05/15/24 16:53
Total/NA	Analysis	2540C		1	4515	KB	EET ALB	05/07/24 13:59

Client Sample ID: MW-4

Lab Sample ID: 885-3862-4

Date Collected: 05/02/24 09:24
Date Received: 05/03/24 07:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	4387	SS	EET ALB	05/03/24 19:58
Total/NA	Analysis	300.0		20	4388	SS	EET ALB	05/03/24 19:58
Total/NA	Analysis	300.0		1000	4540	SS	EET ALB	05/08/24 02:45
Dissolved	Analysis	200.7 Rev 4.4		1	4447	VP	EET ALB	05/06/24 15:10
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		5	4684	JR	EET ALB	05/09/24 11:41
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.7 Rev 4.4		10	4755	JR	EET ALB	05/10/24 10:54
Dissolved	Analysis	200.8		1	5764	ES	EET ALB	05/28/24 14:16
Total Recoverable	Prep	200.2			4537	TM	EET ALB	05/08/24 08:44
Total Recoverable	Analysis	200.8		1	5081	BV	EET ALB	05/15/24 16:56
Total/NA	Analysis	2540C		1	4515	KB	EET ALB	05/07/24 13:59

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Job ID: 885-3862-1
Project/Site: Inex Pit

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE - Albuquerque, NM 87109
Tel 505-345-3975 Fax 505-345-4107
885-3862 COC

Client EOG / Ranger Env

Mailing Address EOG - 5509 Champions Drive Midland Tx

Ranger PO Box 201179, Austin TX 78720

Phone # 521-335-1785

email or Fax# Will@RangerEnv com

QA/QC Package
■ Standard ☐ Level 4 (Full Validation)

Accreditation ☐ Az Compliance
■ NELAC ☐ Other
■ EDD (Type) Excel

Turn-Around Time:
☐ Standard ■ Rush EOG TAT

Project Name: INEX PIT

Project # 5375

Project Manager W Kierdorf

Sampler L. KIERDORF

On Ice: ☑ Yes ☐ No YOG

# of Coolers: 1

Cooler Temp(including CF): 0.4 - 0.2 = 0.2 °C

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH 8015D(GRO / DRO / MRO)	Chloride (EPA 300)	See attached list
5/2/24	0824	AR	MW-1	3 VOAs	See notes	1				X
	1009		MW-2			2				
	0741		MW-3			3				
	0924		MW-4			4				
	—		~~TRIP BLANK~~	~~2 VOAs~~	~~HCl~~	per client. TMC 5/3/24				

Date	Time	Relinquished by	Received by	Via	Date	Time
5/3/24	1120				5/2/24	1130
5/2/24	1900			Courier	5/3/24	7:30

Remarks Bill to EOG Midland attn Chase Settle
3x HCL VOAs, 1x 250mL plastic (HNO3), 1x L plastic, & 1x 125 mL plastic (HNO3)

If necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

2 of 2

Inex Pit Analysis Request

- Arsenic
- Beryllium
- Chloride
- Fluoride
- Iron
- Manganese
- Nitrate*
- Nitrite*
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids

*Reported separately

~~*Please call for Trip Blank instructions~~ per client · 5/13/24

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc Job Number: 885-3862-1

Login Number: 3862 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 10/15/2024 10:28:53 AM

JOB DESCRIPTION

Inex Pit

JOB NUMBER

885-12723-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization

Generated
10/15/2024 10:28:53 AM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Laboratory Job ID: 885-12723-1

Table of Contents

Definitions/Glossary

Client: Ranger Environmental Services, Inc Job ID: 885-12723-1
Project/Site: Inex Pit

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Inex Pit

Job ID: 885-12723-1

Job ID: 885-12723-1 Eurofins Albuquerque

Job Narrative
885-12723-1

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

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

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

Receipt
The samples were received on 9/27/2024 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.0°C and 0.9°C.

HPLC/IC
Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: MW-1 (885-12723-1), MW-2 (885-12723-2), MW-3 (885-12723-3) and MW-4 (885-12723-4). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-1 (885-12723-1), MW-2 (885-12723-2) and MW-3 (885-12723-3). Elevated reporting limits (RLs) are provided.

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

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

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

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Client Sample ID: MW-1

Date Collected: 09/26/24 09:11
Date Received: 09/27/24 08:00

Lab Sample ID: 885-12723-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3900**		250		mg/L			10/02/24 11:57	500
Nitrate	ND		1.0		mg/L			09/28/24 02:22	10
Fluoride	ND		1.0		mg/L			09/28/24 02:22	10
Nitrite	ND		1.0		mg/L			09/28/24 02:22	10
Sulfate	**830**		50		mg/L			09/28/24 02:34	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			09/30/24 07:59	1
Iron	ND		0.020		mg/L			09/30/24 07:59	1
Manganese	**0.0098**		0.0020		mg/L			09/30/24 07:59	1
Silver	**0.028**		0.0050		mg/L			09/30/24 07:59	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0017**		0.00050		mg/L			09/30/24 11:40	1
Selenium	**0.0046**		0.0010		mg/L			09/30/24 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**11000**		1000		mg/L			10/03/24 09:27	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Client Sample ID: MW-2

Date Collected: 09/26/24 10:16
Date Received: 09/27/24 08:00

Lab Sample ID: 885-12723-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		50		mg/L			09/28/24 03:23	100
Nitrate	ND		1.0		mg/L			09/28/24 03:11	10
Fluoride	ND		1.0		mg/L			09/28/24 03:11	10
Nitrite	ND		1.0		mg/L			09/28/24 03:11	10
Sulfate	**870**		50		mg/L			09/28/24 03:23	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			09/30/24 08:03	1
Iron	ND		0.020		mg/L			09/30/24 08:03	1
Manganese	**0.0040**		0.0020		mg/L			09/30/24 08:03	1
Silver	**0.015**		0.0050		mg/L			09/30/24 08:03	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00086**		0.00050		mg/L			09/30/24 11:43	1
Selenium	**0.0056**		0.0010		mg/L			09/30/24 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4700**		500		mg/L			10/03/24 09:27	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Client Sample ID: MW-3

Date Collected: 09/26/24 08:42
Date Received: 09/27/24 08:00

Lab Sample ID: 885-12723-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27000**		1000		mg/L			10/08/24 09:42	2000
Nitrate	**3.9**		1.0		mg/L			09/28/24 03:36	10
Fluoride	ND		1.0		mg/L			09/28/24 03:36	10
Nitrite	ND		10		mg/L			09/28/24 03:48	100
Sulfate	**2500**		50		mg/L			09/28/24 03:48	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L			09/30/24 08:31	5
Iron	ND		0.10		mg/L			09/30/24 08:31	5
Manganese	**0.36**		0.010		mg/L			09/30/24 08:31	5
Silver	**0.072**		0.025		mg/L			09/30/24 08:31	5

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0030**		0.0025		mg/L			09/30/24 11:56	5
Selenium	**0.013**		0.0050		mg/L			09/30/24 11:56	5

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**54000**		5000		mg/L			10/03/24 09:27	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Client Sample ID: MW-4

Date Collected: 09/26/24 09:45
Date Received: 09/27/24 08:00

Lab Sample ID: 885-12723-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17000**		1000		mg/L			10/02/24 12:23	2000
Nitrate	ND		1.0		mg/L			09/28/24 04:01	10
Fluoride	ND		1.0		mg/L			09/28/24 04:01	10
Nitrite	ND		10		mg/L			09/28/24 04:13	100
Sulfate	**1300**		50		mg/L			09/28/24 04:13	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.0025**		0.0020		mg/L			09/30/24 08:24	1
Iron	**0.21**		0.020		mg/L			09/30/24 08:24	1
Manganese	**0.51**		0.0020		mg/L			09/30/24 08:24	1
Silver	**0.060**		0.0050		mg/L			09/30/24 08:24	1

Method: EPA 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0077**		0.00050		mg/L			09/30/24 11:48	1
Selenium	**0.0029**		0.0010		mg/L			09/30/24 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**35000**		5000		mg/L			10/03/24 09:27	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-13234/8
Matrix: Water
Analysis Batch: 13234

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			09/27/24 07:51	1
Fluoride	ND		0.10		mg/L			09/27/24 07:51	1
Sulfate	ND		0.50		mg/L			09/27/24 07:51	1

Lab Sample ID: MB 885-13234/90
Matrix: Water
Analysis Batch: 13234

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			09/28/24 00:43	1
Fluoride	ND		0.10		mg/L			09/28/24 00:43	1
Sulfate	ND		0.50		mg/L			09/28/24 00:43	1

Lab Sample ID: LCS 885-13234/91
Matrix: Water
Analysis Batch: 13234

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.69		mg/L		94	90 - 110		
Fluoride			0.500	0.511		mg/L		102	90 - 110		
Sulfate			10.0	9.28		mg/L		93	90 - 110		

Lab Sample ID: MRL 885-13234/7
Matrix: Water
Analysis Batch: 13234

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.522		mg/L		104	50 - 150		
Fluoride			0.100	0.112		mg/L		112	50 - 150		
Sulfate			0.500	0.510		mg/L		102	50 - 150		

Lab Sample ID: MB 885-13235/101
Matrix: Water
Analysis Batch: 13235

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10		mg/L			09/28/24 00:43	1
Nitrite	ND		0.10		mg/L			09/28/24 00:43	1

Lab Sample ID: MB 885-13235/19
Matrix: Water
Analysis Batch: 13235

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10		mg/L			09/27/24 07:51	1
Nitrite	ND		0.10		mg/L			09/27/24 07:51	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-13235/102
Matrix: Water
Analysis Batch: 13235

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.45		mg/L		98	90 - 110
Nitrite	1.00	0.956		mg/L		96	90 - 110

Lab Sample ID: MRL 885-13235/18
Matrix: Water
Analysis Batch: 13235

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.106		mg/L		106	50 - 150
Nitrite	0.0999	0.103		mg/L		104	50 - 150

Lab Sample ID: MB 885-13575/4
Matrix: Water
Analysis Batch: 13575

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			10/02/24 08:30	1
Fluoride	ND		0.10	mg/L			10/02/24 08:30	1
Sulfate	ND		0.50	mg/L			10/02/24 08:30	1

Lab Sample ID: LCS 885-13575/5
Matrix: Water
Analysis Batch: 13575

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.91		mg/L		98	90 - 110
Fluoride	0.500	0.517		mg/L		103	90 - 110
Sulfate	10.0	9.46		mg/L		95	90 - 110

Lab Sample ID: MRL 885-13575/3
Matrix: Water
Analysis Batch: 13575

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.522		mg/L		104	50 - 150
Fluoride	0.100	0.108		mg/L		108	50 - 150
Sulfate	0.500	0.483	J	mg/L		97	50 - 150

Lab Sample ID: MB 885-13954/4
Matrix: Water
Analysis Batch: 13954

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			10/08/24 08:57	1
Fluoride	ND		0.10	mg/L			10/08/24 08:57	1
Sulfate	ND		0.50	mg/L			10/08/24 08:57	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-13954/5
Matrix: Water
Analysis Batch: 13954

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.77		mg/L		95	90 - 110
Fluoride	0.500	0.504		mg/L		101	90 - 110
Sulfate	10.0	9.45		mg/L		94	90 - 110

Lab Sample ID: MRL 885-13954/3
Matrix: Water
Analysis Batch: 13954

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.532		mg/L		106	50 - 150
Fluoride	0.100	0.102		mg/L		102	50 - 150
Sulfate	0.500	0.511		mg/L		102	50 - 150

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 885-13305/18
Matrix: Water
Analysis Batch: 13305

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L			09/30/24 07:53	1
Iron	ND		0.020		mg/L			09/30/24 07:53	1
Manganese	ND		0.0020		mg/L			09/30/24 07:53	1
Silver	ND		0.0050		mg/L			09/30/24 07:53	1

Lab Sample ID: LCS 885-13305/20
Matrix: Water
Analysis Batch: 13305

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.517		mg/L		103	85 - 115
Iron	0.500	0.491		mg/L		98	85 - 115
Manganese	0.500	0.469		mg/L		94	85 - 115
Silver	0.500	0.492		mg/L		98	85 - 115

Lab Sample ID: LLCS 885-13305/19
Matrix: Water
Analysis Batch: 13305

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00180	J	mg/L		90	50 - 150
Iron	0.0200	0.0292		mg/L		146	50 - 150
Manganese	0.00200	0.00238		mg/L		119	50 - 150
Silver	0.00500	0.00447	J	mg/L		89	50 - 150

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MRL 885-13305/15
Matrix: Water
Analysis Batch: 13305

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00175	J	mg/L		88	50 - 150
Iron	0.0200	0.0170	J	mg/L		85	50 - 150
Manganese	0.00200	0.00214		mg/L		107	50 - 150
Silver	0.00500	0.00502		mg/L		100	50 - 150

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MRL 885-13319/10
Matrix: Water
Analysis Batch: 13319

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000501		mg/L		100	50 - 150

Lab Sample ID: MRL 885-13319/9
Matrix: Water
Analysis Batch: 13319

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.000518	J	mg/L		52	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-13569/1
Matrix: Water
Analysis Batch: 13569

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50		mg/L			10/03/24 09:27	1

Lab Sample ID: LCS 885-13569/2
Matrix: Water
Analysis Batch: 13569

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

Lab Sample ID: 885-12723-4 DU
Matrix: Water
Analysis Batch: 13569

Client Sample ID: MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	35000			34000		mg/L				3	10

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

HPLC/IC

Analysis Batch: 13234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Total/NA	Water	300.0	
885-12723-1	MW-1	Total/NA	Water	300.0	
885-12723-2	MW-2	Total/NA	Water	300.0	
885-12723-2	MW-2	Total/NA	Water	300.0	
885-12723-3	MW-3	Total/NA	Water	300.0	
885-12723-3	MW-3	Total/NA	Water	300.0	
885-12723-4	MW-4	Total/NA	Water	300.0	
885-12723-4	MW-4	Total/NA	Water	300.0	
MB 885-13234/8	Method Blank	Total/NA	Water	300.0	
MB 885-13234/90	Method Blank	Total/NA	Water	300.0	
LCS 885-13234/91	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13234/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 13235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Total/NA	Water	300.0	
885-12723-2	MW-2	Total/NA	Water	300.0	
885-12723-3	MW-3	Total/NA	Water	300.0	
885-12723-3	MW-3	Total/NA	Water	300.0	
885-12723-4	MW-4	Total/NA	Water	300.0	
885-12723-4	MW-4	Total/NA	Water	300.0	
MB 885-13235/101	Method Blank	Total/NA	Water	300.0	
MB 885-13235/19	Method Blank	Total/NA	Water	300.0	
LCS 885-13235/102	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13235/18	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 13575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Total/NA	Water	300.0	
885-12723-4	MW-4	Total/NA	Water	300.0	
MB 885-13575/4	Method Blank	Total/NA	Water	300.0	
LCS 885-13575/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13575/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 13954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-3	MW-3	Total/NA	Water	300.0	
MB 885-13954/4	Method Blank	Total/NA	Water	300.0	
LCS 885-13954/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13954/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Filtration Batch: 13157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Dissolved	Water	Filtration	
885-12723-2	MW-2	Dissolved	Water	Filtration	
885-12723-3	MW-3	Dissolved	Water	Filtration	
885-12723-4	MW-4	Dissolved	Water	Filtration	

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Metals

Analysis Batch: 13305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Dissolved	Water	200.7 Rev 4.4	13157
885-12723-2	MW-2	Dissolved	Water	200.7 Rev 4.4	13157
885-12723-3	MW-3	Dissolved	Water	200.7 Rev 4.4	13157
885-12723-4	MW-4	Dissolved	Water	200.7 Rev 4.4	13157
MB 885-13305/18	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 885-13305/20	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LLCS 885-13305/19	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
MRL 885-13305/15	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 13319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Dissolved	Water	200.8	13157
885-12723-2	MW-2	Dissolved	Water	200.8	13157
885-12723-3	MW-3	Dissolved	Water	200.8	13157
885-12723-4	MW-4	Dissolved	Water	200.8	13157
MRL 885-13319/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-13319/9	Lab Control Sample	Total/NA	Water	200.8	

General Chemistry

Analysis Batch: 13569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12723-1	MW-1	Total/NA	Water	2540C	
885-12723-2	MW-2	Total/NA	Water	2540C	
885-12723-3	MW-3	Total/NA	Water	2540C	
885-12723-4	MW-4	Total/NA	Water	2540C	
MB 885-13569/1	Method Blank	Total/NA	Water	2540C	
LCS 885-13569/2	Lab Control Sample	Total/NA	Water	2540C	
885-12723-4 DU	MW-4	Total/NA	Water	2540C	

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Client Sample ID: MW-1

Lab Sample ID: 885-12723-1

Date Collected: 09/26/24 09:11
Matrix: Water
Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	13234	RC	EET ALB	09/28/24 02:22
Total/NA	Analysis	300.0		10	13235	RC	EET ALB	09/28/24 02:22
Total/NA	Analysis	300.0		100	13234	RC	EET ALB	09/28/24 02:34
Total/NA	Analysis	300.0		500	13575	JT	EET ALB	10/02/24 11:57
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.7 Rev 4.4		1	13305	VP	EET ALB	09/30/24 07:59
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.8		1	13319	ES	EET ALB	09/30/24 11:40
Total/NA	Analysis	2540C		1	13569	ES	EET ALB	10/03/24 09:27

Client Sample ID: MW-2

Lab Sample ID: 885-12723-2

Date Collected: 09/26/24 10:16
Matrix: Water
Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	13234	RC	EET ALB	09/28/24 03:11
Total/NA	Analysis	300.0		10	13235	RC	EET ALB	09/28/24 03:11
Total/NA	Analysis	300.0		100	13234	RC	EET ALB	09/28/24 03:23
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.7 Rev 4.4		1	13305	VP	EET ALB	09/30/24 08:03
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.8		1	13319	ES	EET ALB	09/30/24 11:43
Total/NA	Analysis	2540C		1	13569	ES	EET ALB	10/03/24 09:27

Client Sample ID: MW-3

Lab Sample ID: 885-12723-3

Date Collected: 09/26/24 08:42
Matrix: Water
Date Received: 09/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		2000	13954	EH	EET ALB	10/08/24 09:42
Total/NA	Analysis	300.0		10	13234	RC	EET ALB	09/28/24 03:36
Total/NA	Analysis	300.0		10	13235	RC	EET ALB	09/28/24 03:36
Total/NA	Analysis	300.0		100	13234	RC	EET ALB	09/28/24 03:48
Total/NA	Analysis	300.0		100	13235	RC	EET ALB	09/28/24 03:48
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.7 Rev 4.4		5	13305	VP	EET ALB	09/30/24 08:31
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.8		5	13319	ES	EET ALB	09/30/24 11:56
Total/NA	Analysis	2540C		1	13569	ES	EET ALB	10/03/24 09:27

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-12723-1

Client Sample ID: MW-4

Date Collected: 09/26/24 09:45
Date Received: 09/27/24 08:00

Lab Sample ID: 885-12723-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	13234	RC	EET ALB	09/28/24 04:01
Total/NA	Analysis	300.0		10	13235	RC	EET ALB	09/28/24 04:01
Total/NA	Analysis	300.0		100	13234	RC	EET ALB	09/28/24 04:13
Total/NA	Analysis	300.0		100	13235	RC	EET ALB	09/28/24 04:13
Total/NA	Analysis	300.0		2000	13575	JT	EET ALB	10/02/24 12:23
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.7 Rev 4.4		1	13305	VP	EET ALB	09/30/24 08:24
Dissolved	Filtration	Filtration			13157	SM	EET ALB	09/27/24 10:09
Dissolved	Analysis	200.8		1	13319	ES	EET ALB	09/30/24 11:48
Total/NA	Analysis	2540C		1	13569	ES	EET ALB	10/03/24 09:27

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Job ID: 885-12723-1
Project/Site: Inex Pit

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-26-25

Chain-of-Custody Record

Client: EOG / Ranger Env.

Mailing Address: EOG - 5509 Champions Drive, Midland Tx

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ NELAC ☐ Other

■ EDD (Type) Excel

Turn-Around Time:
☐ Standard ■ Rush EOG TAT

Project Name: INEX PIT

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W.KIERDORF / J. MARTINEZ

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): -0.1 + 0.1 = 0.0 °C
0.8 +0.1 = 0.9 °C

HALL ENVIRONMENTAL ANALYSIS LABORAT
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-12723 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)	See attached list
7/26/24	0911	AQ	MW-1	SEE NOTES						X
	1016		MW-2							
	0842		MW-3							
	0945		MW-4							
	—		TRIP BLANK	SPACE VOAS						SCM 9/27/24

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/26/24	1055				9/26/24	1055
9/26/24	1900			courier	9/27/24	8:00

Remarks: Bill to EOG Midland attn: Chase Settle
ANALYZE NO2+NO3 SEPARATELY - 48 HR HOLDING TIME

DISPOSE OF VOAS PER CLIENT. SCM 9/27/24

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Inex Pit Analysis Request

- Arsenic
- Beryllium
- Chloride
- Fluoride
- Iron
- Manganese
- Nitrate*
- Nitrite*
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids

*Reported separately

* PER DISCUSSION WITH A. FRIEDMAN ON 9/24 - FILTER FOR DISSOLVED METALS IN LAB.

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc Job Number: 885-12723-1

Login Number: 12723 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Will Kierdorf
Ranger Environmental Services, Inc
7215 McNeil Drive
PO BOX 201179
Austin, Texas 78729

Generated 12/23/2024 6:23:39 PM

JOB DESCRIPTION

Inex Pit

JOB NUMBER

885-16951-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

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 South Central, LLC Project Manager.

Authorization

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12/23/2024 6:23:39 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Laboratory Job ID: 885-16951-1

Table of Contents

Definitions/Glossary

Client: Ranger Environmental Services, Inc Job ID: 885-16951-1
Project/Site: Inex Pit

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

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

Case Narrative

Client: Ranger Environmental Services, Inc
Project: Inex Pit

Job ID: 885-16951-1

Job ID: 885-16951-1 Eurofins Albuquerque

Job Narrative
885-16951-1

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

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

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

Receipt
The samples were received on 12/13/2024 7:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.3°C.

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: MW-1 (885-16951-1), MW-2 (885-16951-2), MW-3 (885-16951-3) and MW-4 (885-16951-4). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

HPLC/IC
Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: MW-3 (885-16951-3) and MW-4 (885-16951-4). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: MW-1 (885-16951-1), MW-2 (885-16951-2), MW-3 (885-16951-3) and MW-4 (885-16951-4). Elevated reporting limits (RLs) are provided.

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

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

General Chemistry
Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: MW-2 (885-16951-2) and MW-3 (885-16951-3). Reanalysis could not be performed due to holding time exceedance. Visual inspection b analyst shows no signs of trapped moisture, report as is The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

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

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Client Sample ID: MW-1

Date Collected: 12/12/24 09:35
Date Received: 12/13/24 07:30

Lab Sample ID: 885-16951-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4200**		250		mg/L			12/16/24 18:31	500
Nitrate	ND		1.0		mg/L			12/13/24 13:36	10
Fluoride	**2.4**		1.0		mg/L			12/13/24 13:36	10
Nitrite	ND		1.0		mg/L			12/13/24 13:36	10
Sulfate	**1100**		50		mg/L			12/13/24 13:50	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		12/18/24 09:23	12/19/24 15:57	1
Iron	ND		0.050		mg/L		12/18/24 09:23	12/19/24 15:57	1
Manganese	**0.0064**		0.0020		mg/L		12/18/24 09:23	12/19/24 15:57	1
Silver	**0.067**		0.0050		mg/L		12/18/24 09:23	12/20/24 11:30	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0029**		0.0025		mg/L		12/18/24 09:23	12/19/24 13:26	5
Selenium	**0.0075**		0.0050		mg/L		12/18/24 09:23	12/19/24 13:26	5

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**9800**		500		mg/L			12/18/24 18:48	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Client Sample ID: MW-2

Date Collected: 12/12/24 10:52
Date Received: 12/13/24 07:30

Lab Sample ID: 885-16951-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1400**		50		mg/L			12/13/24 14:17	100
Nitrate	ND		1.0		mg/L			12/13/24 14:04	10
Fluoride	**1.2**		1.0		mg/L			12/13/24 14:04	10
Nitrite	ND		1.0		mg/L			12/13/24 14:04	10
Sulfate	**950**		50		mg/L			12/13/24 14:17	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		12/18/24 09:23	12/19/24 16:00	1
Iron	ND		0.050		mg/L		12/18/24 09:23	12/19/24 16:00	1
Manganese	ND		0.0020		mg/L		12/18/24 09:23	12/19/24 16:00	1
Silver	**0.038**		0.0050		mg/L		12/18/24 09:23	12/20/24 11:32	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0020**		0.00050		mg/L		12/18/24 09:23	12/19/24 12:40	1
Selenium	**0.0064**		0.0010		mg/L		12/18/24 09:23	12/19/24 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3700**	**E**	50		mg/L			12/18/24 18:48	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Client Sample ID: MW-3

Date Collected: 12/12/24 09:02
Date Received: 12/13/24 07:30

Lab Sample ID: 885-16951-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29000**		1000		mg/L			12/16/24 18:41	2000
Nitrate	ND		10		mg/L			12/13/24 14:31	100
Fluoride	ND		10		mg/L			12/13/24 14:31	100
Nitrite	ND		10		mg/L			12/13/24 14:31	100
Sulfate	**2900**		50		mg/L			12/13/24 14:31	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		12/18/24 09:23	12/19/24 16:13	5
Iron	ND		0.25		mg/L		12/18/24 09:23	12/19/24 16:13	5
Manganese	**0.26**		0.010		mg/L		12/18/24 09:23	12/19/24 16:13	5
Silver	**0.15**		0.025		mg/L		12/18/24 09:23	12/20/24 11:34	5

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.025		mg/L		12/18/24 09:23	12/20/24 09:11	50
Selenium	ND		0.050		mg/L		12/18/24 09:23	12/20/24 09:11	50

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**50000**	**E**	500		mg/L			12/18/24 18:48	1

Client Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Client Sample ID: MW-4

Date Collected: 12/12/24 10:10
Date Received: 12/13/24 07:30

Lab Sample ID: 885-16951-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12000**		500		mg/L			12/13/24 15:12	1000
Nitrate	ND		10		mg/L			12/13/24 14:58	100
Fluoride	ND		10		mg/L			12/13/24 14:58	100
Nitrite	ND		10		mg/L			12/13/24 14:58	100
Sulfate	**1100**		50		mg/L			12/13/24 14:58	100

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		12/18/24 09:29	12/20/24 09:31	5
Iron	ND		0.25		mg/L		12/18/24 09:29	12/20/24 09:31	5
Manganese	**0.21**		0.010		mg/L		12/18/24 09:29	12/20/24 09:31	5
Silver	**0.15**		0.025		mg/L		12/18/24 09:29	12/20/24 09:31	5

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010		mg/L		12/18/24 09:29	12/19/24 13:28	20
Selenium	ND		0.020		mg/L		12/18/24 09:29	12/19/24 13:28	20

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**20000**		500		mg/L			12/18/24 18:48	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-17687/4
Matrix: Water
Analysis Batch: 17687

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			12/13/24 08:09	1
Fluoride	ND		0.10		mg/L			12/13/24 08:09	1
Sulfate	ND		0.50		mg/L			12/13/24 08:09	1

Lab Sample ID: LCS 885-17687/5
Matrix: Water
Analysis Batch: 17687

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.83		mg/L		97	90 - 110		
Fluoride			0.500	0.497		mg/L		99	90 - 110		
Sulfate			10.0	9.58		mg/L		96	90 - 110		

Lab Sample ID: MRL 885-17687/3
Matrix: Water
Analysis Batch: 17687

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.528		mg/L		106	50 - 150		
Fluoride			0.100	0.104		mg/L		104	50 - 150		
Sulfate			0.500	0.530		mg/L		106	50 - 150		

Lab Sample ID: MB 885-17688/4
Matrix: Water
Analysis Batch: 17688

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10		mg/L			12/13/24 08:09	1
Nitrite	ND		0.10		mg/L			12/13/24 08:09	1

Lab Sample ID: LCS 885-17688/5
Matrix: Water
Analysis Batch: 17688

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate			2.50	2.55		mg/L		102	90 - 110		
Nitrite			1.00	0.956		mg/L		96	90 - 110		

Lab Sample ID: MRL 885-17688/3
Matrix: Water
Analysis Batch: 17688

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate			0.100	0.104		mg/L		104	50 - 150		
Nitrite			0.100	0.106		mg/L		106	50 - 150		

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-17845/33
Matrix: Water
Analysis Batch: 17845

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			12/16/24 18:11	1
Fluoride	ND		0.10		mg/L			12/16/24 18:11	1
Sulfate	ND		0.50		mg/L			12/16/24 18:11	1

Lab Sample ID: LCS 885-17845/34
Matrix: Water
Analysis Batch: 17845

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.91		mg/L		98	90 - 110		
Fluoride			0.500	0.510		mg/L		102	90 - 110		
Sulfate			10.0	9.76		mg/L		98	90 - 110		

Lab Sample ID: MRL 885-17845/32
Matrix: Water
Analysis Batch: 17845

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.520		mg/L		104	50 - 150		
Fluoride			0.100	0.102		mg/L		102	50 - 150		
Sulfate			0.500	0.527		mg/L		105	50 - 150		

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-18187/42
Matrix: Water
Analysis Batch: 18187

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Beryllium			0.00200	0.00185	J	mg/L		93	50 - 150		
Iron			0.0200	0.0192	J	mg/L		96	50 - 150		
Manganese			0.00200	0.00198	J	mg/L		99	50 - 150		

Lab Sample ID: MRL 885-18278/13
Matrix: Water
Analysis Batch: 18278

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Beryllium			0.00200	0.00185	J	mg/L		92	50 - 150		
Iron			0.0200	0.0194	J	mg/L		97	50 - 150		
Manganese			0.00200	0.00209		mg/L		104	50 - 150		
Silver			0.00500	0.00543		mg/L		109	50 - 150		

Lab Sample ID: MB 885-18006/1-A
Matrix: Water
Analysis Batch: 18187

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		12/18/24 09:22	12/19/24 15:14	1
Iron	ND		0.050		mg/L		12/18/24 09:22	12/19/24 15:14	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MB 885-18006/1-A
Matrix: Water
Analysis Batch: 18187

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		0.0020		mg/L		12/18/24 09:22	12/19/24 15:14	1

Lab Sample ID: MB 885-18006/1-A
Matrix: Water
Analysis Batch: 18278

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0050		mg/L		12/18/24 09:22	12/20/24 10:57	1

Lab Sample ID: LCS 885-18006/6-A
Matrix: Water
Analysis Batch: 18187

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Beryllium			0.500	0.509		mg/L		102	85 - 115		
Iron			0.500	0.493		mg/L		99	85 - 115		
Manganese			0.500	0.482		mg/L		96	85 - 115		

Lab Sample ID: LCS 885-18006/6-A
Matrix: Water
Analysis Batch: 18278

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			0.100	0.0957		mg/L		96	85 - 115		

Lab Sample ID: LLCS 885-18006/5-A
Matrix: Water
Analysis Batch: 18187

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Beryllium			0.00200	0.00198	J	mg/L		99	50 - 150		
Iron			0.0200	0.0207	J	mg/L		103	50 - 150		
Manganese			0.00200	0.00201		mg/L		101	50 - 150		

Lab Sample ID: LLCS 885-18006/5-A
Matrix: Water
Analysis Batch: 18278

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18006

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silver			0.00500	0.00483	J	mg/L		97	50 - 150		

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MRL 885-18162/11
Matrix: Water
Analysis Batch: 18162

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Selenium			0.00100	0.00145		mg/L		145	50 - 150		

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MRL 885-18162/12
Matrix: Water
Analysis Batch: 18162

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000500		mg/L		100	50 - 150

Lab Sample ID: MRL 885-18311/11
Matrix: Water
Analysis Batch: 18311

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.00136		mg/L		136	50 - 150

Lab Sample ID: MRL 885-18311/12
Matrix: Water
Analysis Batch: 18311

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000474	J	mg/L		95	50 - 150

Lab Sample ID: MB 885-18007/1-A
Matrix: Water
Analysis Batch: 18162

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 18007

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.00050	mg/L		12/18/24 09:28	12/19/24 13:44	1
Selenium	ND		0.0010	mg/L		12/18/24 09:28	12/19/24 13:44	1

Lab Sample ID: LCS 885-18007/4-A
Matrix: Water
Analysis Batch: 18162

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0250	0.0242		mg/L		97	85 - 115
Selenium	0.0250	0.0253		mg/L		101	85 - 115

Lab Sample ID: LLCS 885-18007/3-A
Matrix: Water
Analysis Batch: 18162

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 18007

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000589		mg/L		118	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-18071/1
Matrix: Water
Analysis Batch: 18071

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			12/18/24 18:48	1

QC Sample Results

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 885-18071/2
Matrix: Water
Analysis Batch: 18071

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1030		mg/L		103	80 - 120

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

HPLC/IC

Analysis Batch: 17687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total/NA	Water	300.0	
885-16951-1	MW-1	Total/NA	Water	300.0	
885-16951-2	MW-2	Total/NA	Water	300.0	
885-16951-2	MW-2	Total/NA	Water	300.0	
885-16951-3	MW-3	Total/NA	Water	300.0	
885-16951-4	MW-4	Total/NA	Water	300.0	
885-16951-4	MW-4	Total/NA	Water	300.0	
MB 885-17687/4	Method Blank	Total/NA	Water	300.0	
LCS 885-17687/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-17687/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 17688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total/NA	Water	300.0	
885-16951-2	MW-2	Total/NA	Water	300.0	
885-16951-3	MW-3	Total/NA	Water	300.0	
885-16951-4	MW-4	Total/NA	Water	300.0	
MB 885-17688/4	Method Blank	Total/NA	Water	300.0	
LCS 885-17688/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-17688/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 17845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total/NA	Water	300.0	
885-16951-3	MW-3	Total/NA	Water	300.0	
MB 885-17845/33	Method Blank	Total/NA	Water	300.0	
LCS 885-17845/34	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-17845/32	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 18006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total Recoverable	Water	200.2	
885-16951-2	MW-2	Total Recoverable	Water	200.2	
885-16951-3	MW-3	Total Recoverable	Water	200.2	
MB 885-18006/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-18006/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-18006/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Prep Batch: 18007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-4	MW-4	Total Recoverable	Water	200.2	
MB 885-18007/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-18007/4-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-18007/3-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 18162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total Recoverable	Water	200.8	18006
885-16951-2	MW-2	Total Recoverable	Water	200.8	18006

QC Association Summary

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Metals (Continued)

Analysis Batch: 18162 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-4	MW-4	Total Recoverable	Water	200.8	18007
MB 885-18007/1-A	Method Blank	Total Recoverable	Water	200.8	18007
LCS 885-18007/4-A	Lab Control Sample	Total Recoverable	Water	200.8	18007
LLCS 885-18007/3-A	Lab Control Sample	Total Recoverable	Water	200.8	18007
MRL 885-18162/11	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-18162/12	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 18187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	18006
885-16951-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	18006
885-16951-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	18006
MB 885-18006/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	18006
LCS 885-18006/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	18006
LLCS 885-18006/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	18006
MRL 885-18187/42	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 18278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	18006
885-16951-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	18006
885-16951-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	18006
885-16951-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	18007
MB 885-18006/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	18006
LCS 885-18006/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	18006
LLCS 885-18006/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	18006
MRL 885-18278/13	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 18311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-3	MW-3	Total Recoverable	Water	200.8	18006
MRL 885-18311/11	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-18311/12	Lab Control Sample	Total/NA	Water	200.8	

General Chemistry

Analysis Batch: 18071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16951-1	MW-1	Total/NA	Water	2540C	
885-16951-2	MW-2	Total/NA	Water	2540C	
885-16951-3	MW-3	Total/NA	Water	2540C	
885-16951-4	MW-4	Total/NA	Water	2540C	
MB 885-18071/1	Method Blank	Total/NA	Water	2540C	
LCS 885-18071/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Client Sample ID: MW-1

Lab Sample ID: 885-16951-1

Date Collected: 12/12/24 09:35
Matrix: Water
Date Received: 12/13/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	17687	JT	EET ALB	12/13/24 13:36
Total/NA	Analysis	300.0		10	17688	JT	EET ALB	12/13/24 13:36
Total/NA	Analysis	300.0		100	17687	JT	EET ALB	12/13/24 13:50
Total/NA	Analysis	300.0		500	17845	EH	EET ALB	12/16/24 18:31
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.7 Rev 4.4		1	18187	JR	EET ALB	12/19/24 15:57
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.7 Rev 4.4		1	18278	JR	EET ALB	12/20/24 11:30
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.8		5	18162	BV	EET ALB	12/19/24 13:26
Total/NA	Analysis	2540C		1	18071	KS	EET ALB	12/18/24 18:48

Client Sample ID: MW-2

Lab Sample ID: 885-16951-2

Date Collected: 12/12/24 10:52
Matrix: Water
Date Received: 12/13/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	17687	JT	EET ALB	12/13/24 14:04
Total/NA	Analysis	300.0		10	17688	JT	EET ALB	12/13/24 14:04
Total/NA	Analysis	300.0		100	17687	JT	EET ALB	12/13/24 14:17
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.7 Rev 4.4		1	18187	JR	EET ALB	12/19/24 16:00
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.7 Rev 4.4		1	18278	JR	EET ALB	12/20/24 11:32
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.8		1	18162	BV	EET ALB	12/19/24 12:40
Total/NA	Analysis	2540C		1	18071	KS	EET ALB	12/18/24 18:48

Client Sample ID: MW-3

Lab Sample ID: 885-16951-3

Date Collected: 12/12/24 09:02
Matrix: Water
Date Received: 12/13/24 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	17687	JT	EET ALB	12/13/24 14:31
Total/NA	Analysis	300.0		100	17688	JT	EET ALB	12/13/24 14:31
Total/NA	Analysis	300.0		2000	17845	EH	EET ALB	12/16/24 18:41
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.7 Rev 4.4		5	18187	JR	EET ALB	12/19/24 16:13
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.7 Rev 4.4		5	18278	JR	EET ALB	12/20/24 11:34
Total Recoverable	Prep	200.2			18006	JE	EET ALB	12/18/24 09:23
Total Recoverable	Analysis	200.8		50	18311	BV	EET ALB	12/20/24 09:11
Total/NA	Analysis	2540C		1	18071	KS	EET ALB	12/18/24 18:48

Lab Chronicle

Client: Ranger Environmental Services, Inc
Project/Site: Inex Pit

Job ID: 885-16951-1

Client Sample ID: MW-4

Date Collected: 12/12/24 10:10
Date Received: 12/13/24 07:30

Lab Sample ID: 885-16951-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	17687	JT	EET ALB	12/13/24 14:58
Total/NA	Analysis	300.0		100	17688	JT	EET ALB	12/13/24 14:58
Total/NA	Analysis	300.0		1000	17687	JT	EET ALB	12/13/24 15:12
Total Recoverable	Prep	200.2			18007	JE	EET ALB	12/18/24 09:29
Total Recoverable	Analysis	200.7 Rev 4.4		5	18278	JR	EET ALB	12/20/24 09:31
Total Recoverable	Prep	200.2			18007	JE	EET ALB	12/18/24 09:29
Total Recoverable	Analysis	200.8		20	18162	BV	EET ALB	12/19/24 13:28
Total/NA	Analysis	2540C		1	18071	KS	EET ALB	12/18/24 18:48

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Ranger Environmental Services, Inc
Job ID: 885-16951-1
Project/Site: Inex Pit

Laboratory: Eurofins Albuquerque

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	NM100001	02-25-25

Chain-of-Custody Record

Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 5509 Champions Drive, Midland TX, 79706

Ranger: PO Box 201179, Austin TX 78720

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package:
■ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
■ NELAC ☐ Other
■ EDD (Type) Excel

Turn-Around Time:
☐ Standard ☒ Rush EOG-TAT

Project Name: INEX PIT

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF

On Ice: ☒ Yes ☐ No

# of Coolers: 1 (Ogi)

Cooler Temp(including CF): -2.3-0=-2.3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-16951 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX (8021)	TPH:8015D(GRO / DRO / MRO)	Chloride (EPA 300)	SEE ATTACHED LIST
12/12/24	0935	AQ	MW-1	SEE NOTES	SEE NOTES					X
"	1052	"	MW-2	"	"					"
"	0902	"	MW-3	"	"					"
"	1010	"	MW-4	"	"					"

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
12/12/24	1134				12/12/24	1134
12/12/24	PM			Courier	12/13/24	7:30

Remarks: Bill to EOG Attn Chase Settle
BOTTLE SETS: 1x 500 mL unpreserved plastic & 1x 125 mL plastic HNO3
Not frozen 12/13/24
CLIENT APPROVED TEMP. SCM 12/13/24

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Inex Pit Analysis Request

- Arsenic
- Beryllium
- Chloride
- Fluoride
- Iron
- Manganese
- Nitrate*
- Nitrite*
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids

*Reported separately

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc Job Number: 885-16951-1

Login Number: 16951 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ATTACHMENT 3 – NMOCD CORRESPONDENCE

Subject: Groundwater Sampling Notification NAUTOFAB000275

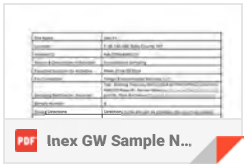
James Kennedy <James_Kennedy@eogresources.com>
to Velez, Nelson, EMNRD, michael.buchanan@emnrd.nm.gov, Chase Settle

Mr. Velez/ Mr. Buchanan,
Please find attached the groundwater sampling notification for the above referenced site. The sampling notification has also been uploaded to the NMOCD Portal System. Samplir annual groundwater report uploaded to the NMOCD Portal in April 2024. If you have any questions or concerns, please contact myself or Chase Settle.

Regards,
James

James F. Kennedy
Environmental Supervisor
Midland Division
C: 432-258-4346
O: 432-848-9146

One attachment • Scanned by Gmail



Subject: RE: [EXTERNAL] Groundwater Sampling Notification NAUTOFAB000741

Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
to James Kennedy, Velez, Nelson, EMNRD, Chase Settle

Good morning, James

Thank you for providing the groundwater sampling notification for the four (4) pits: Williams, Scripps, Lattion and Inex. These notifications will be accepted as part of the record.
Regards,

Mike Buchanan

From: James Kennedy <James_Kennedy@eogresources.com>
Sent: Wednesday, April 24, 2024 9:28 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>
Cc: Chase Settle <Chase_Settle@eogresources.com>
Subject: [EXTERNAL] Groundwater Sampling Notification NAUTOFAB000741

Mr. Velez/ Mr. Buchanan,
Please find attached the groundwater sampling notification for the above referenced site. The sampling notification has also been uploaded to the NMOCD Portal System. Samplir annual groundwater report uploaded to the NMOCD Portal in April 2024. If you have any questions or concerns, please contact myself or Chase Settle.

Regards,
James

James F. Kennedy
Environmental Supervisor
Midland Division
C: 432-258-4346
O: 432-848-9146
eog resources

James Kennedy <James_Kennedy@eogresources.com> Thu, Sep 12, 2:19 PM (23 hours ago)
to Velez, Nelson, EMNRD, Buchanan, Michael, EMNRD, Chase Settle

Mr. Velez/ Mr. Buchanan,
Please find attached the groundwater sampling notification for the above referenced site. The sampling notification has also been uploaded to the NMOCD Portal System. Sampling will be conducted in accordance with the protocols referenced in the annual groundwater report uploaded to the NMOCD Portal in April 2024. If you have any questions or concerns, please contact myself or Chase Settle.

Regards,
James

James F. Kennedy
Environmental Supervisor
Midland Division
C: 432-258-4346
O: 432-848-9146
eog resources

One attachment • Scanned by Gmail

Inex GW Sample ...

Subject: Groundwater Sample Notice nAUTOFAB000275 (Inex)

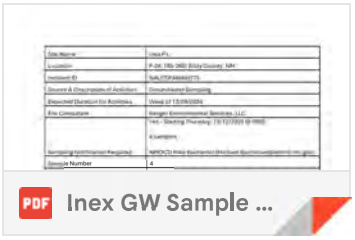
James Kennedy <James_Kennedy@eogresources.com> 3:33 PM (37 minut
to Buchanan, Michael, EMNRD, Chase Settle

Mr. Buchanan,
Please find attached the groundwater sampling notification for the above referenced site. The sampling notification has also been uploaded to the NMOCD Portal System. Sampling will be conducted in accorda with the protocols referenced in the annual groundwater report uploaded to the NMOCD Portal in April 2
If you have any questions or concerns, please contact myself or Chase Settle.

Regards,
James

James F. Kennedy
Environmental Supervisor
Midland Division
C: 432-258-4346
O: 432-848-9146

One attachment • Scanned by Gmail



Site Name	Inex Pit
Location	F-26-18S-26E; Eddy County, NM
Incident ID	NAUTOFAB000275
Source & Description of Activities	Groundwater Sampling
Expected Duration for Activities	Week of 12/09/2024
Env Consultant	Ranger Environmental Services, LLC
Sampling Notification Required	Yes - Starting Thursday, 12/12/2024 @ 0800 4 samples NMOCD Mike Buchanan (Michael.Buchanan@emnrd.nm.gov)
Sample Number	4
Driving Directions	Directions to the site can be provided after an email request
Sampler Information	Chase Settle 575-703-6537 chase_settle@eogresources.com

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 446382

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 446382
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2024 Annual Groundwater Monitoring Report for the Inex Pit: content satisfactory. 1. Continue to conduct groundwater monitoring for all constituents of concern as prescribed and as scheduled. 2. OCD is currently in review of the site assessment work plan for the Inex Pit. 3. Submit the next groundwater monitoring report for 2025 to OCD, no later than April 1, 2026.	5/8/2025