RANGER
ENVIRONMENTAL SERVICES, LLC

2024 ANNUAL GROUNDWATER MONITORING REPORT

SCRIPPS PIT (AP-25)
INCIDENT NO. NAUTOFAB000640
UNIT M, SECTION 26, TOWNSHIP 18S, RANGE 26E
EDDY COUNTY, NEW MEXICO
32.713408, -104.342746
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 24, 2025

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1.0 SITE LOCATION AND BACKGROUND

The Scripps Pit (Site) is a historic oil and gas production pit formerly located at the Scripps Battery, an oil and gas production facility located on private land, approximately 9.44 miles south-southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit M, Section 26, T18S-R26E at GPS coordinates 32.713408, -104.342746. The Scripps 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 related to Incident No. NAUTOFAB000640 at the Site.

The Scripps Battery was historically operated by H&S Oil Company (H&S) and an unlined earthen pit was formerly utilized by H&S for oil and gas fluid storage/impoundment. In 1997, Yates Petroleum Corporation (Yates) acquired the Scripps Battery and associated pit from H&S. While operated by Yates, the pit underwent closure and assessment of the former pit location was conducted. 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 Scripps Battery which included the subject Scripps Pit.

Communication and coordination between the NMOCD and Yates regarding the subject pit 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. During the 2005 to 2022 timeframe, a total of 13 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 the NMOCD, groundwater monitoring activities were continued at the subject site in 2023, with an annual groundwater monitoring event completed in November 2023. A March 27, 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 included recommendations for further site investigation activities to assist in determining if the elevated chloride and TDS concentrations at the site are related to the former pit operations, background conditions, and/or another source area to the east of the pit. 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 15 constituents of concern (COCs) which have historically been detected in exceedance of the NMAC 20.6.2.3103 criteria.

By late April 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 March 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 March 18, 2025 was prepared and recently submitted to the NMOCD which proposed the additional assessment activities that were discussed with the NMCOD in October 2024. Since this report was just recently submitted, the NMOCD response to the *Assessment Workplan* is currently pending.

This report has been prepared to provide the details and results of the groundwater monitoring 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 1, 2024, September 25, 2024, and December 11, 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, 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 15 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, Selenium, Uranium
- **EPA Method 300.0:** Fluoride, Chloride, Sulfate, Nitrate, Nitrite
- **SM2540C MOD:** Total Dissolved Solids
- **EPA 245.1:** Mercury
- **EPA METHOD 200.7:** Beryllium, Boron, Manganese, Silver
- **EPA METHOD 8260B:** Benzene

A trip blank was included in each sample cooler to assess the potential cross-contamination of field samples during shipment to, and storage in, the laboratory. The trip blanks were analyzed for BTEX or benzene using Method 8260. The trip blank results were non-detectable.

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 33.55' below ground surface (bgs) in MW-1 to a maximum of approximately 36.54' bgs in MW-3. As illustrated on the attached groundwater gradient maps, the May 1, 2024 and September 2025 well gauging data documented a site groundwater gradient and flow direction of approximately 0.01 ft/ft predominantly to the west. The December 11, 2024 well gauging data documented apparent radial groundwater flow towards the former pit location and monitor well MW-4 at an approximate gradient of 0.003-0.01 ft/ft. The 2024 well gauging data was generally consistent with the historical well gauging results which have documented groundwater flow at the site to the west, southwest and northwest.

Groundwater Analytical Results

***TDS & Groundwater Anions*:** As summarized in Section 2.1, above, TDS, fluoride, chloride, sulfate, and nitrite/nitrate were historically detected in the site groundwater in exceedance of the NMAC 20.6.2.3103 standards. Consistent with historical results, the 2024 groundwater analytical data continued to document elevated concentrations of chloride, sulfate and TDS in the site groundwater, with these three COCs being the primary constituents of concern at the subject site. Concentrations of chloride, sulfate and TDS above the NMAC 20.6.2.3103 standards were documented in all four site monitoring wells during all three 2024 sampling events.

Also consistent with historical results, upgradient/cross-gradient monitor well MW-1 was documented to contain nitrate concentrations above the NMAC 20.6.2.3103 standard during all three 2024 sampling events. No elevated nitrite concentrations were detected in the groundwater during 2024. The presence of elevated nitrate concentrations in upgradient/cross-gradient monitor well MW-1, but not in the other site monitoring wells, including MW-4 which is located within the former pit, suggest that the elevated nitrate concentrations in MW-1 are likely not related to the former pit operations but rather appear to be related to background conditions and/or another release source area.

Concentrations of fluoride above the NMAC 20.6.2.3103 standard were documented in all four site monitoring wells during the December 11, 2024 sampling event. Only one site monitoring well (MW-4) on one occasion (March 2012) has ever previously been documented to contain an exceedance of the NMAC 20.6.2.3103 standard for fluoride. As such, Ranger considers these results as potentially suspect. Future groundwater monitoring data will assist in evaluating whether the 2024 fluoride results are potentially related to laboratory error.

***Dissolved Metals*:** As summarized in Section 2.1, above, there were eight metals which were historically detected in the site groundwater in exceedance of the NMAC 20.6.2.3103 standards including arsenic, beryllium, boron, manganese, mercury, selenium, silver and uranium. The 2024 groundwater analyses for these eight metals documented exceedances of the NMAC 20.6.2.3103 standards for selenium and uranium in upgradient/cross-gradient monitor well MW-1 during one or more of the three sampling events. Again, the presence of elevated selenium and uranium concentrations in upgradient/cross-gradient monitor well MW-1, but not in the other site monitoring wells,

including MW-4 which is located within the former pit, suggests that these elevated metal concentrations are likely not related to the former pit operations but rather appear to be related to background conditions and/or another release source area. Consistent with historical results, monitor well MW-4, located within the former pit, was found to contain exceedances of the NMAC 20.6.2.3103 standard for boron during all three sampling events.

Elevated silver concentrations were observed in all four site monitoring wells during the December 11, 2024 sampling event as well as in MW-4 during the September 25, 2024 sampling event. Historic data documents previous exceedances of the NMAC 20.6.2.3103 standard for silver in monitor wells MW-1 and MW-4; however, this is the first event where MW-2 and MW-3 also were reported to contain silver concentrations in exceedance of the NMAC 20.6.2.3103 standard. As with the fluoride results discussed above, Ranger considers these results as potentially suspect. Future groundwater monitoring data will assist in evaluating whether the 2024 results are potentially related to laboratory error.

***Benzene*:** During 2024, there were no groundwater benzene exceedances of the NMAC 20.6.2.3103 standard. Monitor well MW-4 was, however, noted to contain low levels of benzene below the NMAC 20.6.2.3103 standard. As presented in the 2023 annual report, to evaluate the benzene trend in MW-4, Ranger input the historic MW-4 benzene data into the GSI Mann-Kendall Toolkit and the MW-4 benzene data was reported to be decreasing with a 99.8% confidence factor thus demonstrating a strong declining trend. Based upon this analysis, and the 2024 groundwater monitoring data, the benzene plume associated with the former pit appears to be in a declining condition and to be naturally attenuating over time.

In summary, the 2024 groundwater monitoring data continue to indicate that the groundwater benzene impact at the Site appears to be naturally attenuating over time, and that chloride, sulfate and TDS remain the primary groundwater constituents of concern at the subject site. Based upon the cumulative site groundwater monitoring data and the current site monitor well configuration, it is difficult to discern if the elevated chloride and TDS concentrations at the site are related to the former pit operations, background conditions, and/or another source area to the east of the pit. Further site investigation activities are needed to more thoroughly evaluate the site groundwater conditions.

In addition, the presence of elevated nitrate, selenium and uranium concentrations in upgradient/cross-gradient monitor well MW-1, but not in the other site monitoring wells, including MW-4 which is located within the former pit, suggests that these elevated concentrations are likely not related to the former pit operations but rather appear to be related to background conditions and/or another release source. As noted above, further site investigation activities are needed to more thoroughly evaluate the site groundwater conditions.

3.0 PROPOSED 2025 SITE ACTIVITIES

Additional Site Assessment Activities

As summarized above, 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

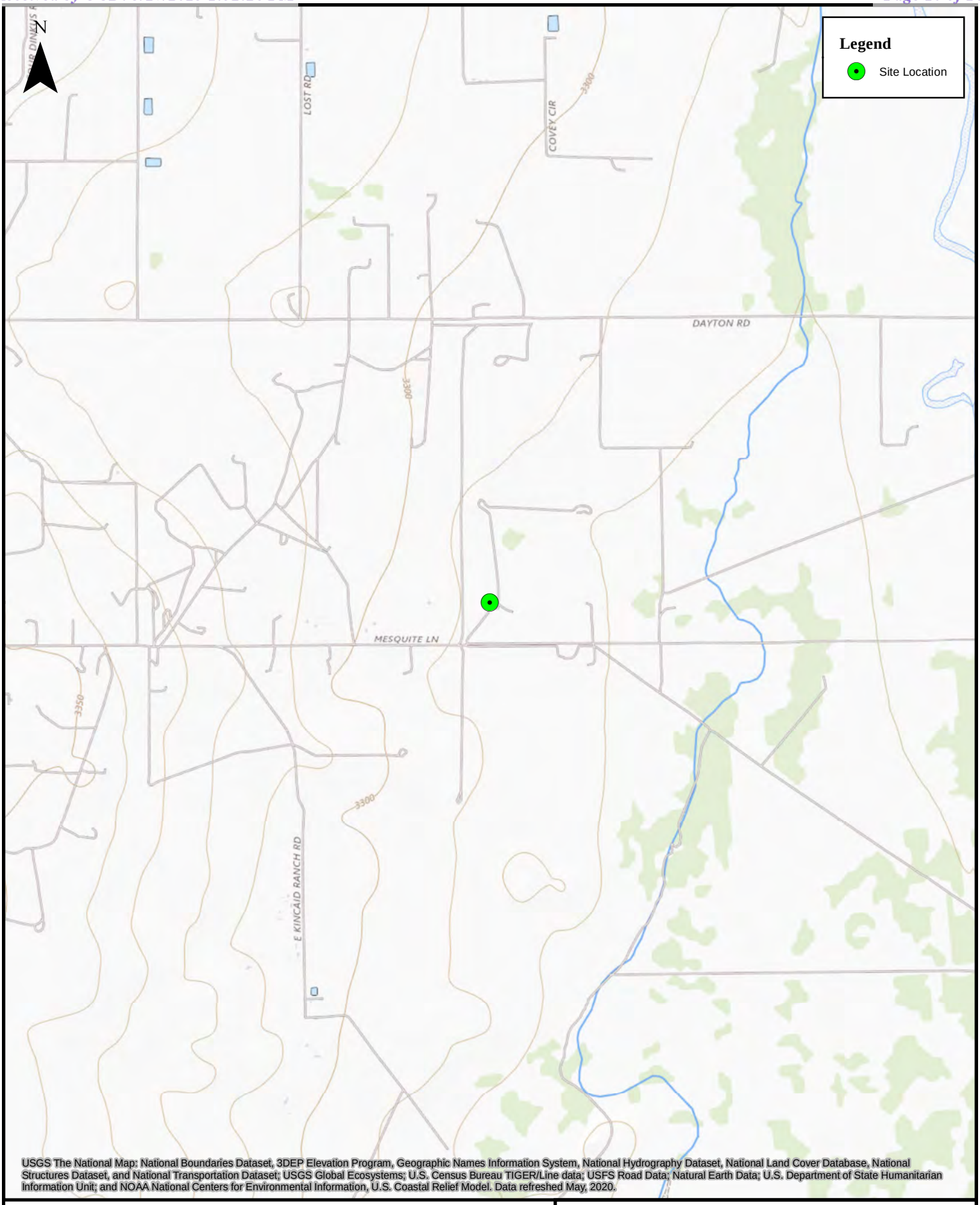
site. Based on the meeting details, a Ranger-prepared *Assessment Workplan* dated March 18, 2025 was prepared and recently submitted to the NMOCD which proposed the additional assessment activities that were discussed with the NMCOD in October 2024. The proposed assessment activities include provisions for the collection of additional delineation/background groundwater quality data to help determine whether or not the former production pit is the source for the elevated site groundwater concentrations. The 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 activities proposed in the 2023 annual report will be continued. It should be noted that the first quarter 2025 monitoring event was completed on March 12, 2025.

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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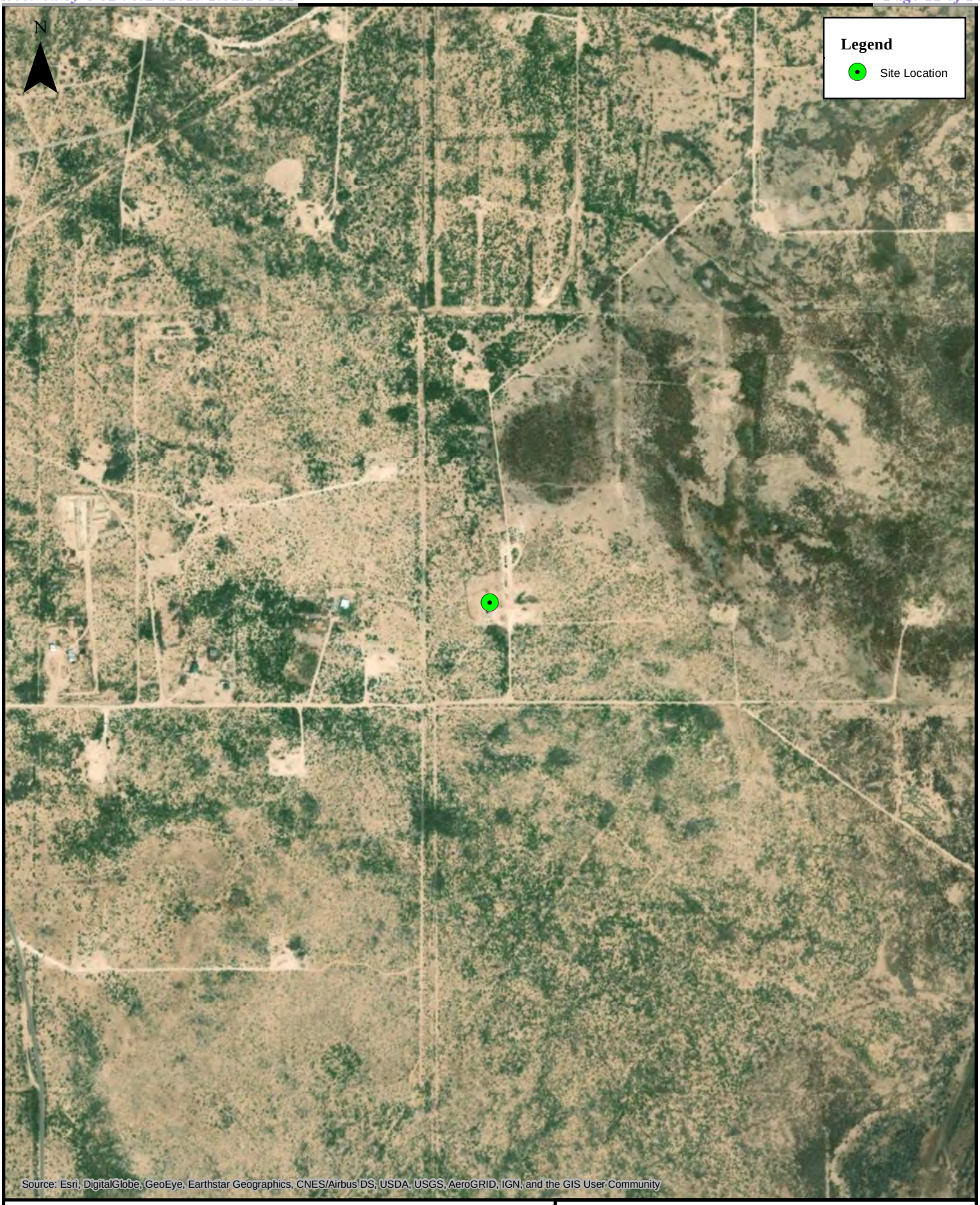
Topographic Map
Scripp Pit
EOG Resources, Inc.



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1:10,000

Area Map
Scripp Pit
EOG Resources, Inc.

NOTES:
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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)

RANGER ENVIRONMENTAL SERVICES, LLC

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Site Map
Scripp Pit
EOG Resources, Inc.

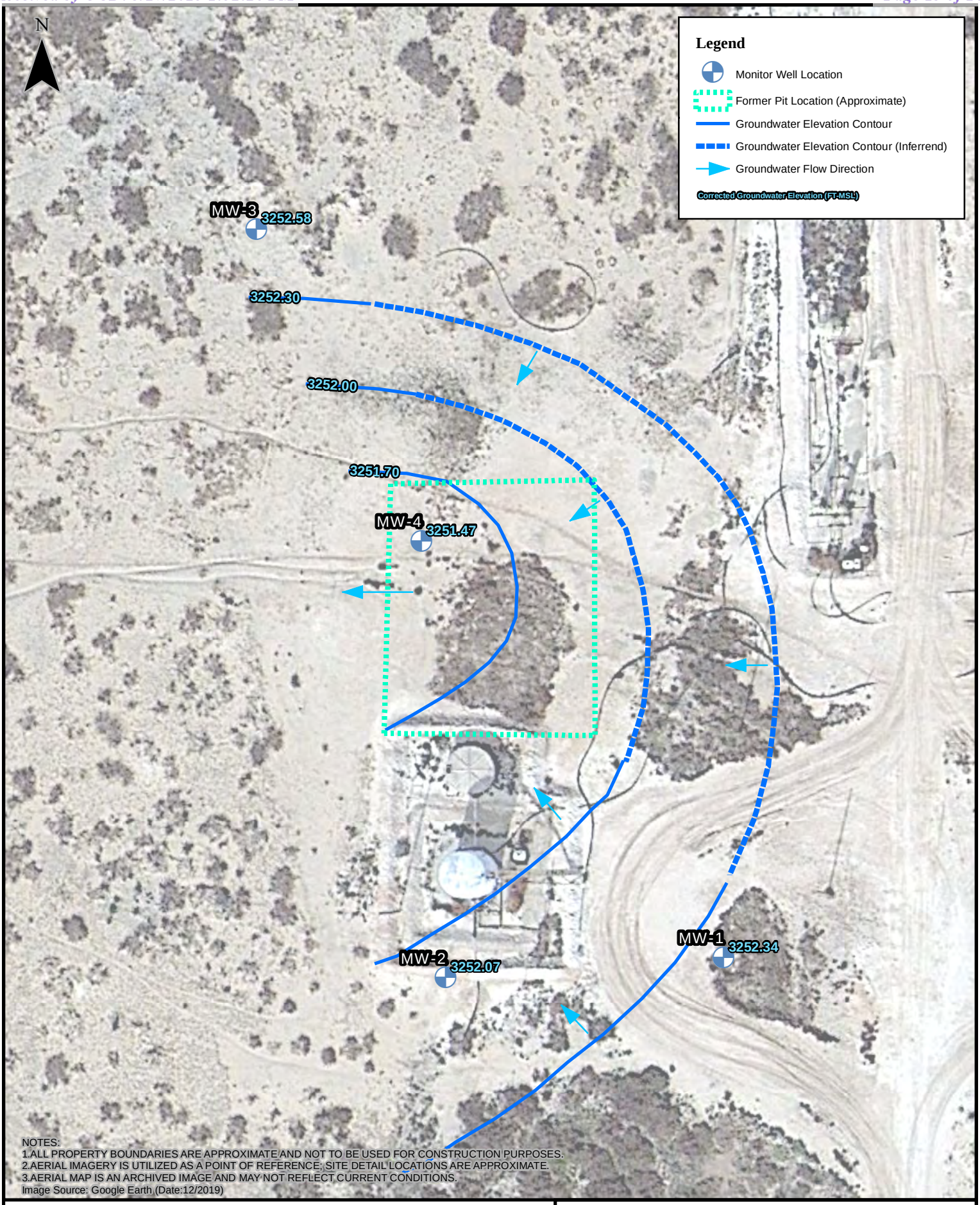

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Image Source: Google Earth (Date:12/2019)

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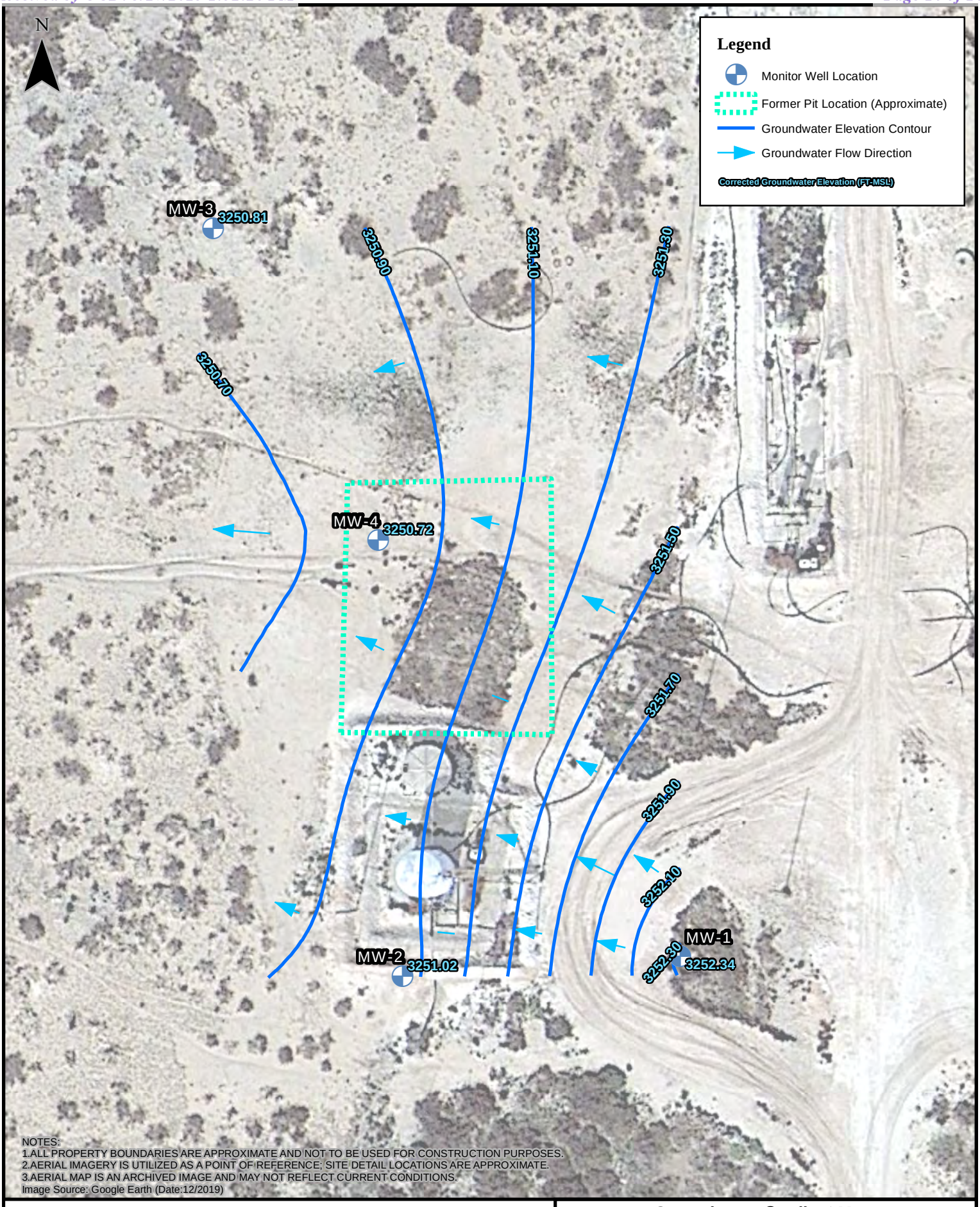
Groundwater Gradient Map
(Sample Date: 05/01/2024)
Scripp Pit
EOG Resources, Inc.



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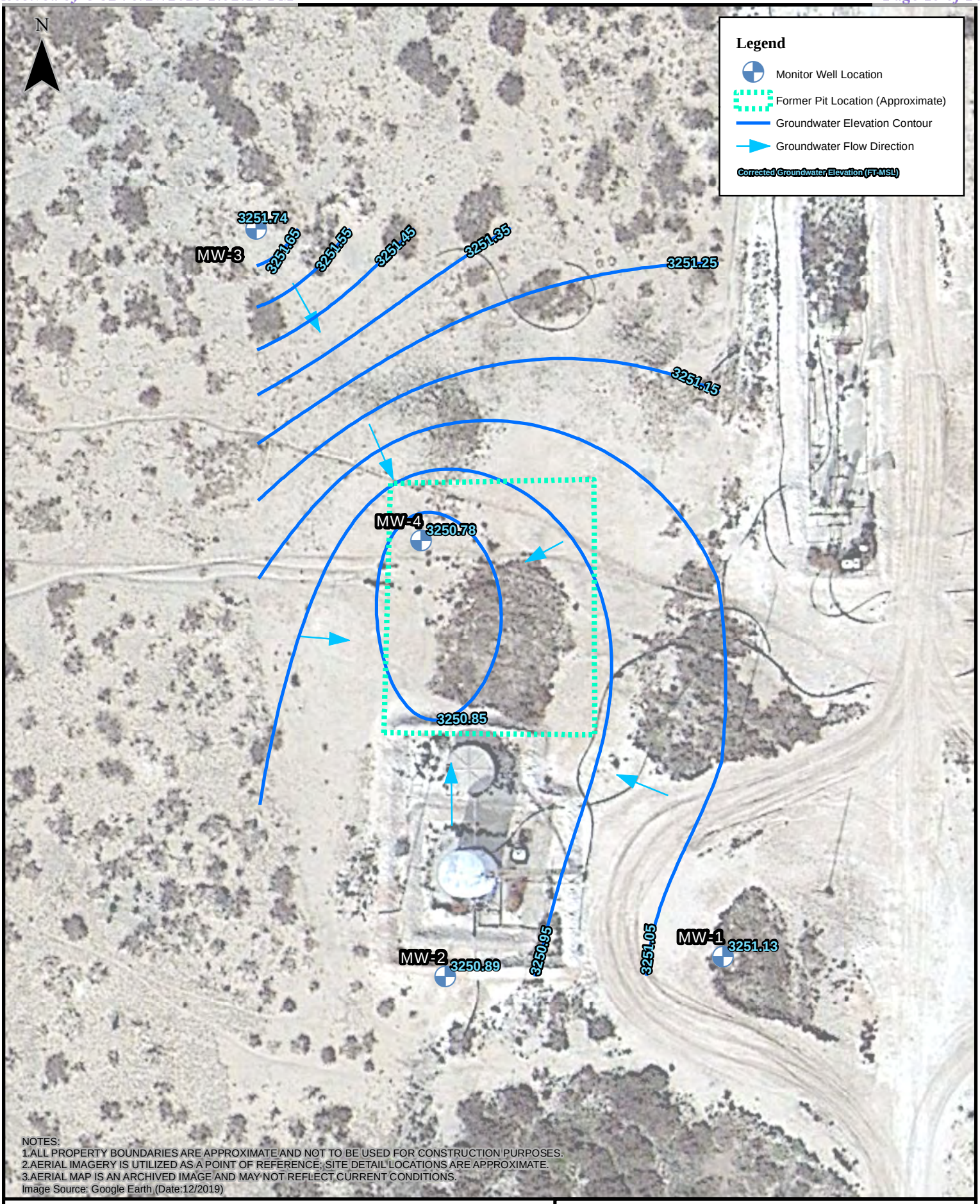
Groundwater Gradient Map
(Sample Date: 09/25/2024)
Scripp Pit
EOG Resources, Inc.



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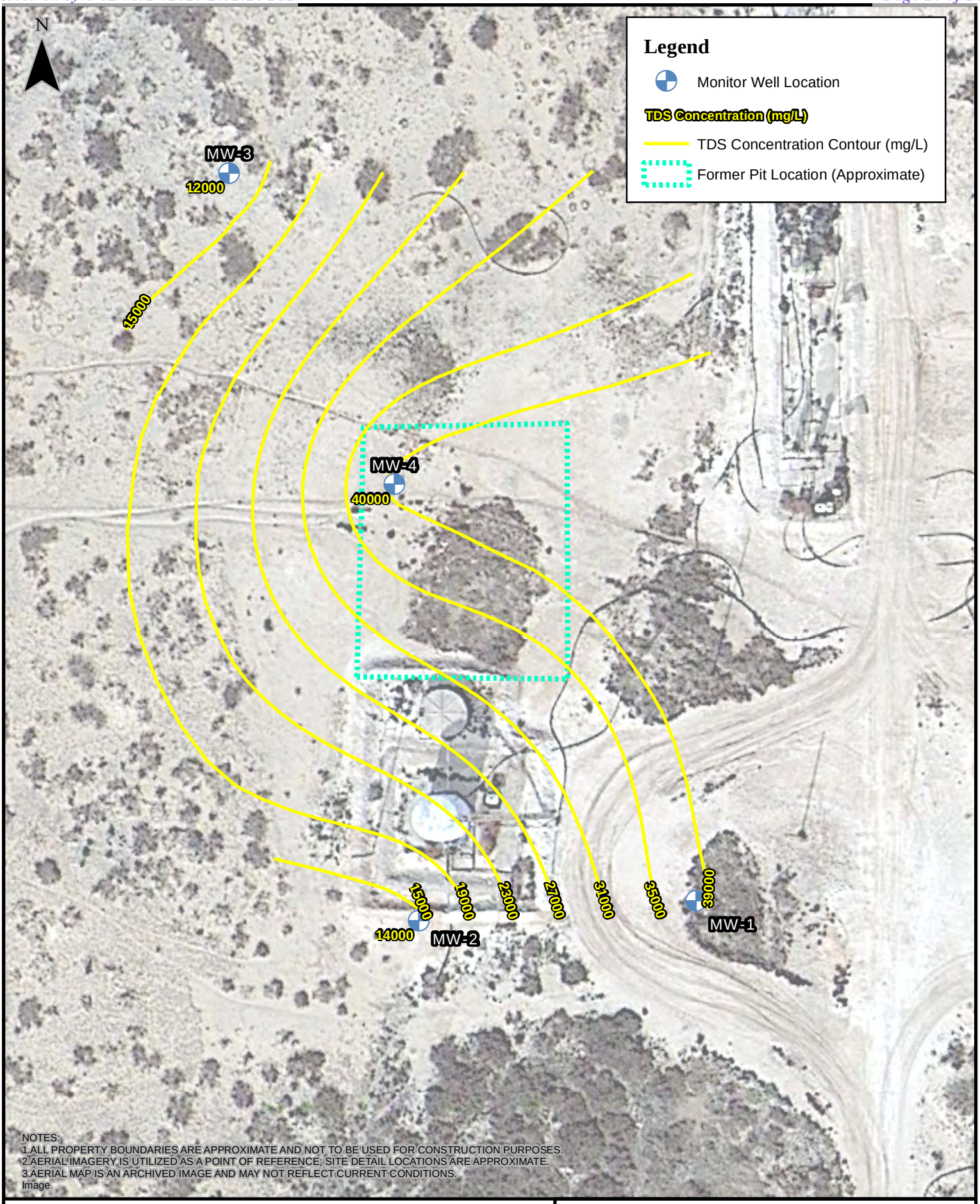

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Image

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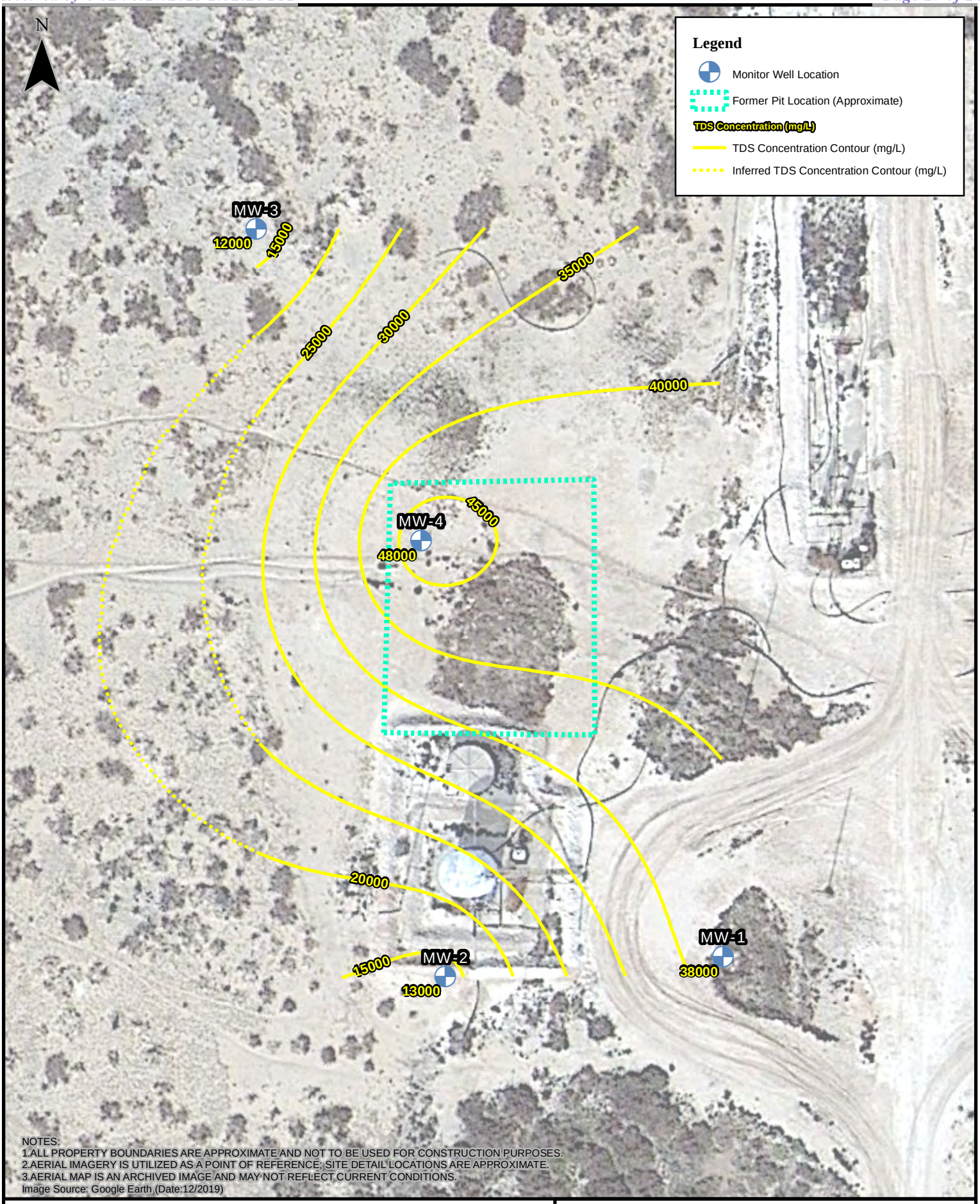
Groundwater TDS Isoconcentration Map
(Sample Date: 05/01/2024)
Scripp Pit
EOG Resources, Inc.



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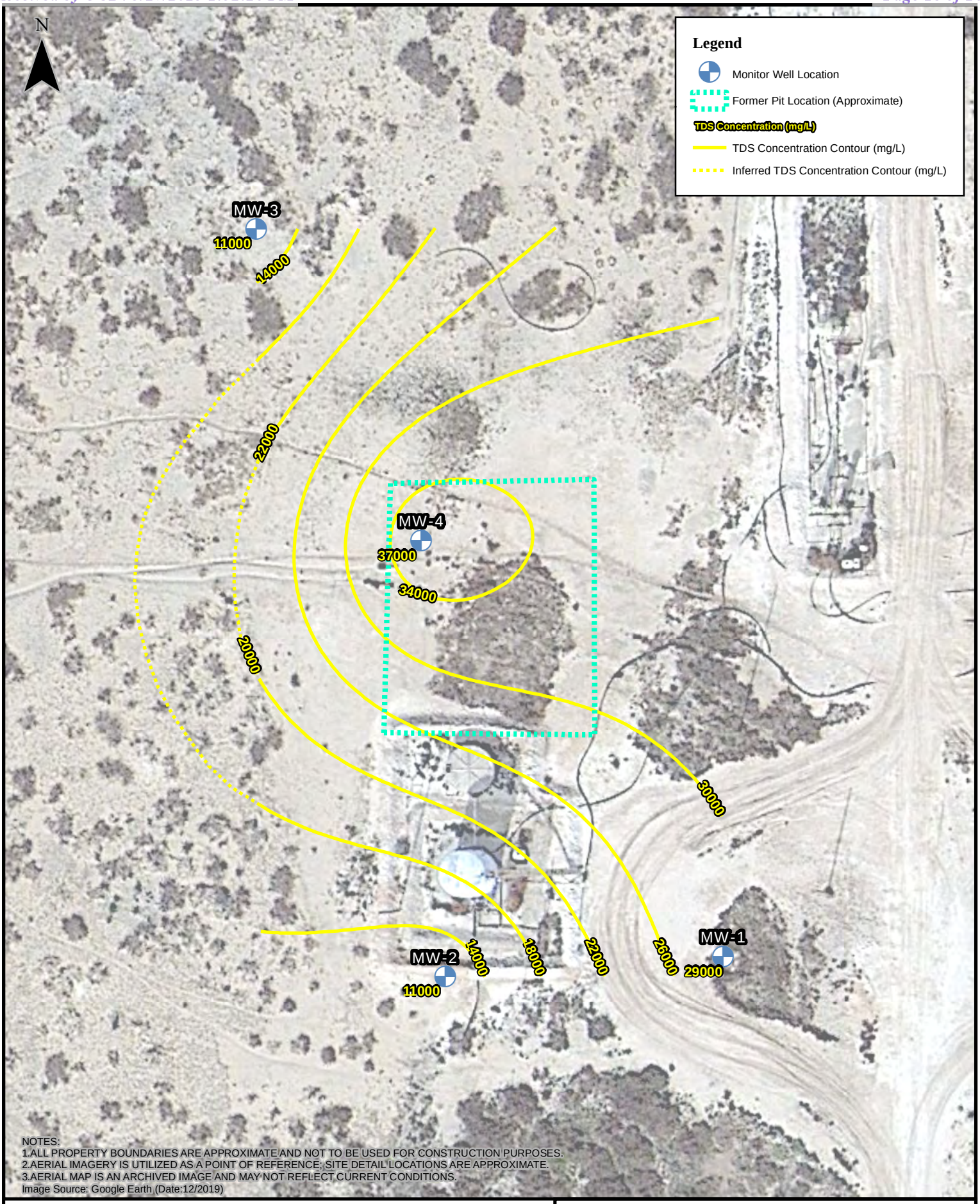
EOG Resources, Inc.



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Groundwater TDS Isoconcentration Map
(Sample Date: 12/11/2024)
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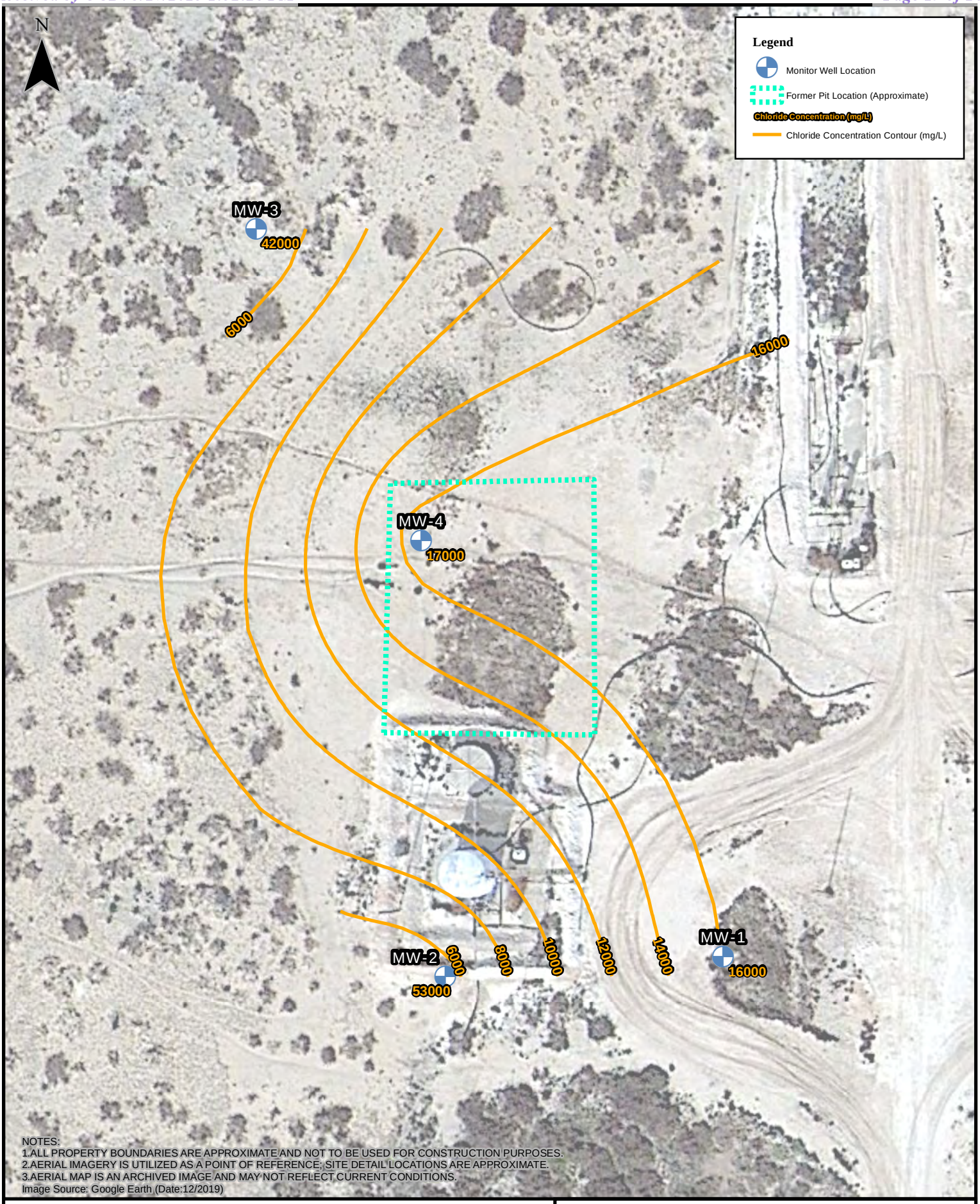

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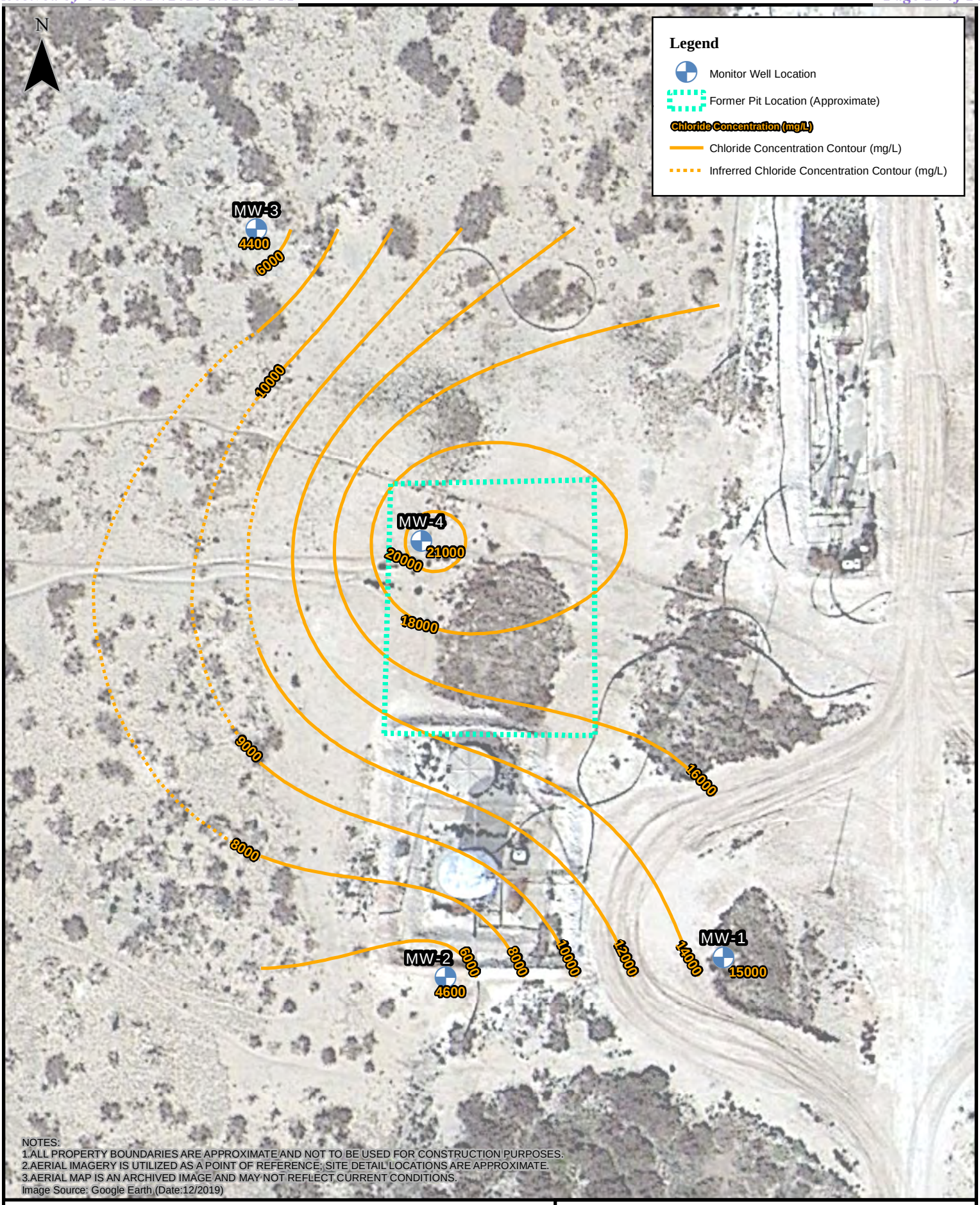
Groundwater Chloride Isoconcentration Map
(Sample Date: 05/01/2024)
Scripp Pit
EOG Resources, Inc.



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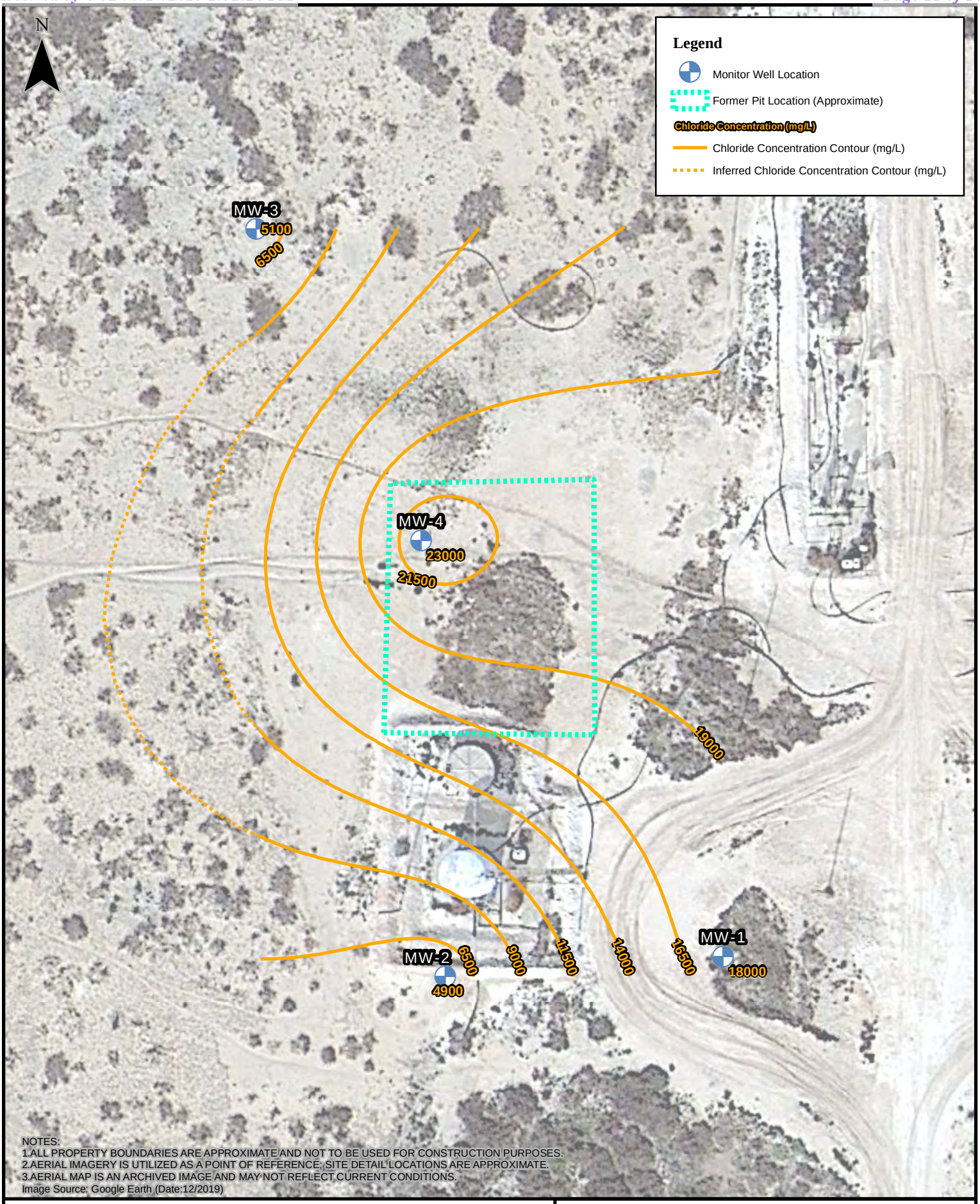
Chloride Isoconcentration Map
(Sample Date: 09/25/2024)
Scripp Pit
EOG Resources, Inc.



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Groundwater Chloride Isoconcentration Map
(Sample Date: 12/11/2024)
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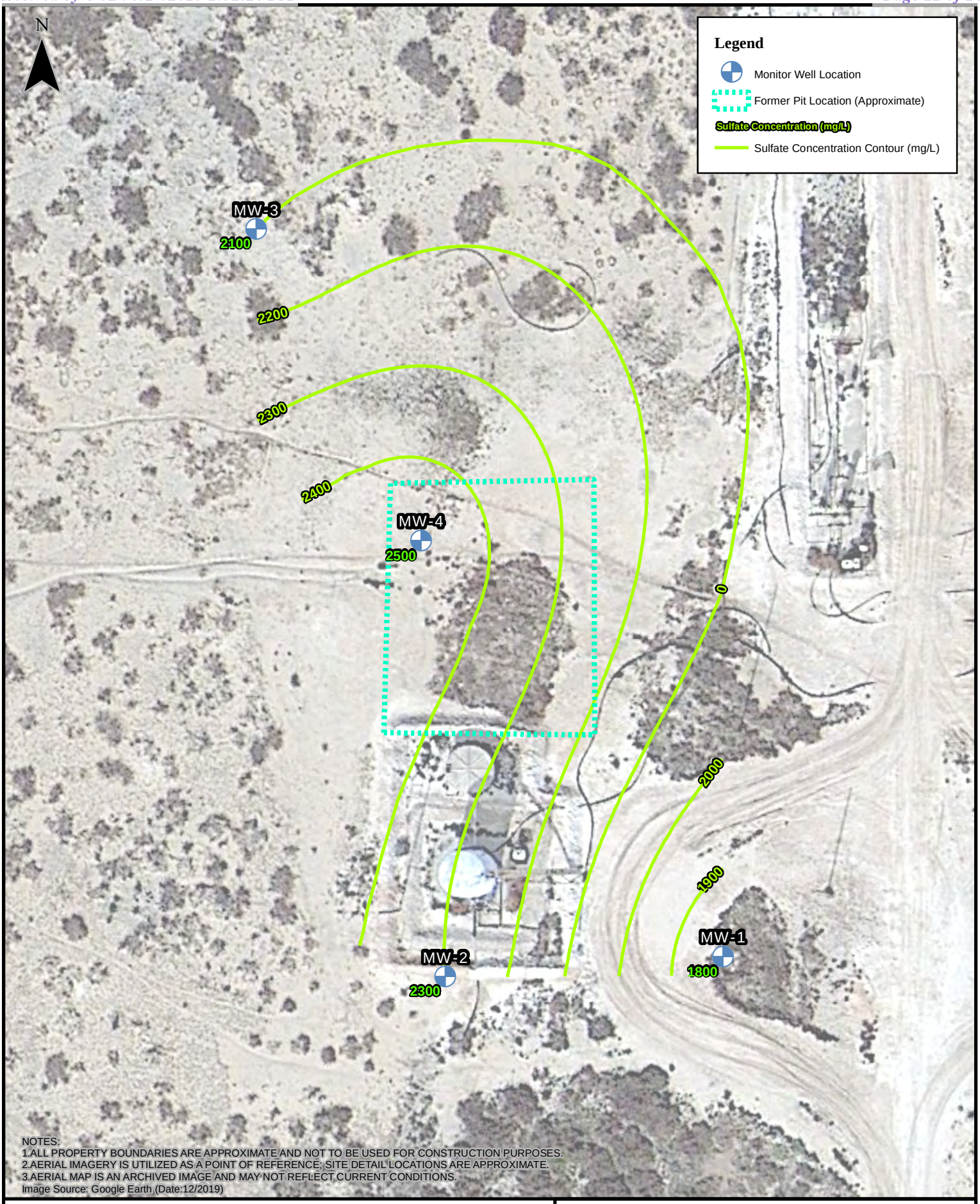
EOG Resources, Inc.



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0 10 20 40 60 80 Feet

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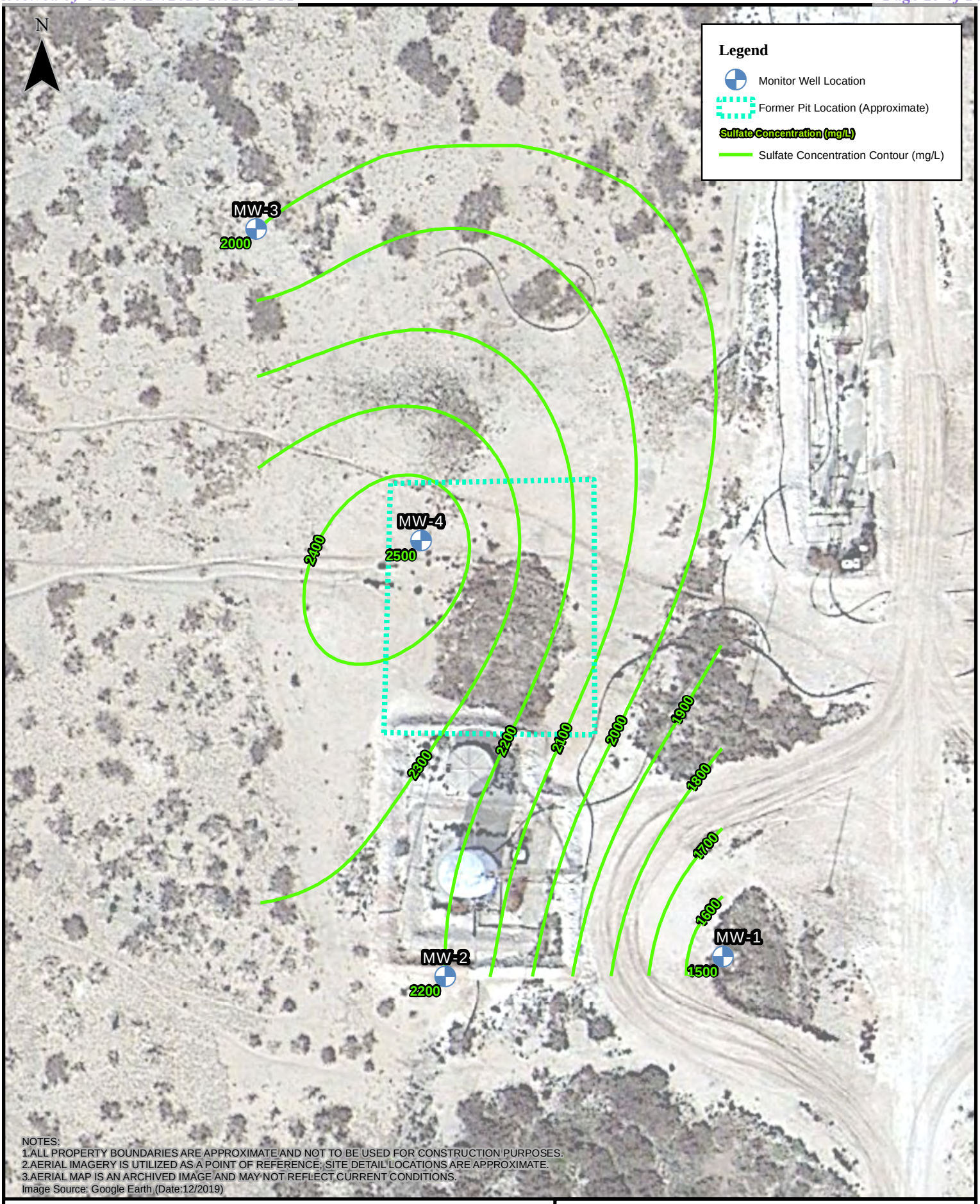
Groundwater Sulfate Isoconcentration Map
(Sample Date: 05/01/2024)
Scripp Pit
EOG Resources, Inc.



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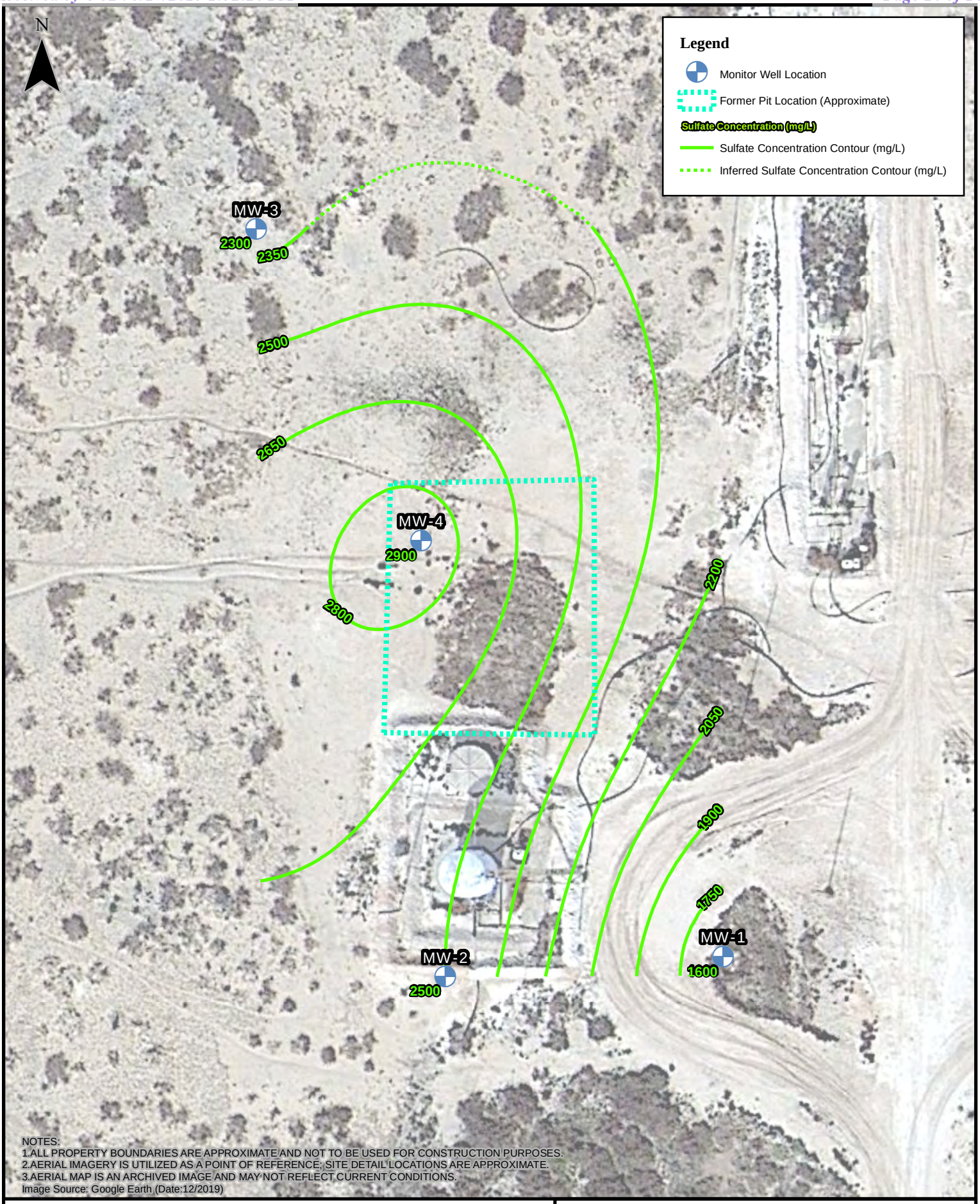
Groundwater Sulfate Isoconcentration Map
(Sample Date: 09/25/2024)
Scripp Pit
EOG Resources, Inc.



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

RANGER ENVIRONMENTAL SERVICES, LLC

0 10 20 40 60 80 Feet

1:500

Groundwater Sulfate Isoconcentration Map
(Sample Date: 12/11/2024)
Scripp Pit
EOG Resources, Inc.

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
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	3,287.52	41.18	0.00	3246.34	23'-38'
MW-1	9/19/2002	3,287.52	41.25	0.00	3246.27	23'-38'
MW-1	11/8/2004	3,287.52	41.16	0.00	3246.36	23'-38'
MW-1	12/1/2004	3,287.52	41.00	0.00	3246.52	23'-38'
MW-1	12/15/2004	3,287.52	40.91	0.00	3246.61	23'-38'
MW-1	12/21/2004	3,287.52	40.87	0.00	3246.65	23'-38'
MW-1	12/30/2004	3,287.52	40.84	0.00	3246.68	23'-38'
MW-1	3/6/2018	3,287.52	34.72	0.00	3252.80	23'-38'
MW-1	3/28/2018	3,287.52	34.61	0.00	3252.91	23'-38'
MW-1	3/11/2019	3,288.79	35.44	0.00	3253.35	23'-38'
MW-1	10/29/2019	3,288.79	35.86	0.00	3252.93	23'-38'
MW-1	9/18/2020	3,288.79	36.60	0.00	3252.19	23'-38'
MW-1	8/24/2021	3,288.79	34.72	0.00	3254.07	23'-38'
MW-1	11/29/2023	3,288.79	36.48	0.00	3252.31	23'-38'
MW-1	5/1/2024	3,288.79	36.45	0.00	3252.34	23'-38'
MW-1	9/25/2024	3,288.79	37.17	0.00	3251.65	23'-38'
MW-1	12/11/2024	3,288.79	37.66	0.00	3251.13	23'-38'

CUMULATIVE WELL GAUGING DATA
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	3287.91	41.95	0.00	3245.96	30'-45'
MW-2	9/19/2002	3287.91	41.95	0.00	3245.96	30'-45'
MW-2	11/8/2004	3287.91	42.00	0.00	3245.91	30'-45'
MW-2	12/1/2004	3287.91	41.81	0.00	3246.10	30'-45'
MW-2	12/15/2004	3287.91	41.73	0.00	3246.18	30'-45'
MW-2	12/21/2004	3287.91	41.72	0.00	3246.19	30'-45'
MW-2	12/30/2004	3287.91	41.68	0.00	3246.23	30'-45'
MW-2	3/6/2018	3287.91	35.65	0.00	3252.26	30'-45'
MW-2	3/28/2018	3287.91	35.52	0.00	3252.39	30'-45'
MW-2	3/11/2019	3289.17	36.34	0.00	3252.83	30'-45'
MW-2	10/29/2019	3289.17	---	---	---	30'-45'
MW-2	9/18/2020	3289.17	37.42	0.00	3251.75	30'-45'
MW-2	8/24/2021	3289.17	35.88	0.00	3253.29	30'-45'
MW-2	11/29/2023	3289.17	37.12	0.00	3252.05	30'-45'
MW-2	5/1/2024	3289.17	37.10	0.00	3252.07	30'-45'
MW-2	9/25/2024	3289.17	38.15	0.00	3251.02	30'-45'
MW-2	12/11/2024	3289.17	38.28	0.00	3250.89	30'-45'

CUMULATIVE WELL GAUGING DATA
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	3288.79	42.84	0.00	3245.95	35'-50'
MW-3	9/19/2002	3288.79	42.86	0.00	3245.93	35'-50'
MW-3	11/8/2004	3288.79	42.90	0.00	3245.89	35'-50'
MW-3	12/1/2004	3288.79	42.73	0.00	3246.06	35'-50'
MW-3	12/15/2004	3288.79	42.65	0.00	3246.14	35'-50'
MW-3	12/21/2004	3288.79	42.58	0.00	3246.21	35'-50'
MW-3	12/30/2004	3288.79	42.52	0.00	3246.27	35'-50'
MW-3	3/6/2018	3288.79	36.08	0.00	3252.71	35'-50'
MW-3	3/28/2018	3288.79	35.92	0.00	3252.87	35'-50'
MW-3	3/11/2019	3290.08	36.85	0.00	3253.23	35'-50'
MW-3	10/29/2019	3290.08	37.78	0.00	3252.30	35'-50'
MW-3	9/18/2020	3290.08	38.12	0.00	3251.96	35'-50'
MW-3	8/24/2021	3290.08	36.21	0.00	3253.87	35'-50'
MW-3	11/29/2023	3290.08	38.13	0.00	3251.95	35'-50'
MW-3	5/1/2024	3290.08	37.50	0.00	3252.58	35'-50'
MW-3	9/25/2024	3290.08	39.27	0.00	3250.81	35'-50'
MW-3	12/11/2024	3290.08	38.34	0.00	3251.74	35'-50'

CUMULATIVE WELL GAUGING DATA
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	3288.25	41.28	0.00	3246.97	40'-55'
MW-4	9/19/2002	3288.25	42.32	0.00	3245.93	40'-55'
MW-4	11/8/2004	3288.25	42.37	0.00	3245.88	40'-55'
MW-4	12/1/2004	3288.25	42.26	0.00	3245.99	40'-55'
MW-4	12/15/2004	3288.25	42.15	0.00	3246.10	40'-55'
MW-4	12/21/2004	3288.25	42.12	0.00	3246.13	40'-55'
MW-4	12/30/2004	3288.25	42.08	0.00	3246.17	40'-55'
MW-4	3/6/2018	3288.25	35.67	0.00	3252.58	40'-55'
MW-4	3/28/2018	3288.25	35.51	0.00	3252.74	40'-55'
MW-4	3/11/2019	3289.52	36.36	0.00	3253.16	40'-55'
MW-4	10/29/2019	3289.52	37.27	0.00	3252.25	40'-55'
MW-4	9/18/2020	3289.52	37.62	0.00	3251.90	40'-55'
MW-4	8/24/2021	3289.52	35.62	0.00	3253.90	40'-55'
MW-4	11/29/2023	3289.52	37.54	0.00	3251.98	40'-55'
MW-4	5/1/2024	3289.52	38.05	0.00	3251.47	40'-55'
MW-4	9/25/2024	3289.52	38.80	0.00	3250.72	40'-55'
MW-4	12/11/2024	3289.52	38.74	0.00	3250.78	40'-55'

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

CUMULATIVE GROUNDWATER EPA METHOD 300.0: ANIONS
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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-2	10/21/2000	---	25,170	---	---	---	---	---	---
MW-1	9/19/2002	---	8,150	---	---	---	---	---	---
MW-1	11/8/2004	---	3,999	---	---	---	---	---	---
MW-1	3/17/2012	< 2.0	10,000	5.6	< 10	1,500	---	---	< 10
MW-1	6/18/2012	< 2.0	13,000	4.8	< 10	1,700	---	---	< 10
MW-1	9/12/2012	< 2.0	11,000	7	< 25	1,500	---	---	< 10
MW-1	12/7/2012	< 2.0	9,500	3.6	< 10	1,400	---	---	< 20
MW-1	3/12/2013	< 2.0	15,000	7.9	< 10	1,600	---	---	< 10
MW-1	6/27/2013	< 2.0	9,100	8.6	< 10	1,300	---	---	< 4.0
MW-1	3/28/2018	< 2.0	17,000	15	< 10	1,900	---	---	< 20
MW-1	3/11/2019	< 2.0	18,000	12	< 10	3,000	---	---	27
MW-1	10/29/2019	< 2.0	12,000	5	< 10	10,000	---	---	16
MW-1	9/18/2020	< 0.50	14,000	14	< 2.5	2,000	---	---	15
MW-1	8/24/2021	< 2.0	12,000	7.2	< 10	6,200	---	---	16
MW-1	3/22/2022	< 2.0	16,000	12	< 10	3,000	---	---	20
MW-1	8/3/2022	< 2.0	14,000	14	< 10	2,400	---	---	20
MW-1	11/29/2023	<2.0	34,000	13	< 10	4,200	---	---	20
MW-1	5/1/2024	<2.0	16,000	---	---	1,800	<10	17	---
MW-1	9/25/2024	<2.0	15,000	---	---	1,500	<5.0	27	---
MW-1	12/11/2024	4.3	18,000	---	---	1,600	<10	19	---
MW-2	9/19/2002	---	6,560	---	---	---	---	---	---
MW-2	11/8/2004	---	4,699	---	---	---	---	---	---
MW-2	3/17/2012	< 2.0	7,300	2.5	< 10	2,600	---	---	< 4.0
MW-2	6/18/2012	< 2.0	6,500	2.2	< 10	2,600	---	---	< 4.0
MW-2	9/12/2012	< 2.0	6,900	2	< 50	2,700	---	---	< 4.0
MW-2	12/7/2012	< 2.0	5,300	< 2.0	< 10	2,400	---	---	< 10
MW-2	3/12/2013	< 2.0	6,000	3.7	< 10	2,600	---	---	< 4.0
MW-2	6/27/2013	< 2.0	5,500	< 2.0	< 10	2,700	---	---	< 4.0
MW-2	3/28/2018	< 2.0	9,600	4.3	< 10	2,800	---	---	< 10
MW-2	3/11/2019	< 2.0	8,100	3.3	< 10	2,300	---	---	< 10
MW-2	10/29/2019	---	---	---	---	---	---	---	---
MW-2	9/18/2020	< 2.0	5,800	3.5	< 0.50	2,400	---	---	< 4.0
MW-2	8/24/2021	< 2.0	8,300	3.5	< 10	2,400	---	---	< 10
MW-2	3/22/2022	< 2.0	9,000	5	< 10	2,400	---	---	< 10
MW-2	8/3/2022	< 2.0	8,200	5.2	< 10	2,900	---	---	< 10
MW-2	11/29/2023	< 2.0	6,100	3.7	<0.50	2,400	---	---	< 4.0
MW-2	5/1/2024	< 2.0	5,300	---	---	2,300	<2.0	2.5	---
MW-2	9/25/2024	<2.0	4,600	---	---	2,200	<5.0	1.9	---
MW-2	12/11/2024	2.7	4,900	---	---	2,500	<10	2.1	---
MW-3	9/19/2002	---	4,700	---	---	---	---	---	---
MW-3	11/8/2004	---	5,098	---	---	---	---	---	---
MW-3	3/17/2012	< 2.0	4,000	2.2	< 10	2,400	---	---	< 4.0
MW-3	6/18/2012	< 2.0	4,000	2	< 10	2,400	---	---	< 4.0
MW-3	9/12/2012	< 2.0	3,900	< 2.0	< 25	2,400	---	---	< 4.0
MW-3	12/7/2012	---	---	---	---	---	---	---	---
MW-3	3/12/2013	< 2.0	4,100	3.1	< 10	2,500	---	---	< 4.0
MW-3	6/27/2013	1.3	3,200	2.7	< 5.0	2,300	---	---	< 4.0
MW-3	3/28/2018	< 1.0	3,000	2.3	< 5.0	2,200	---	---	< 1.0
MW-3	3/11/2019	< 2.0	3,100	2.1	< 10	2,000	---	---	< 2.0
MW-3	10/29/2019	0.53	3,600	2.3	< 2.5	2,100	<2.0	<0.50	---
MW-3	9/18/2020	< 2.0	3,300	2.4	< 0.50	2,000	---	---	< 4.0
MW-3	8/24/2021	< 2.0	3,000	1.9	< 0.50	1,800	<2.0	0.41	---
MW-3	3/22/2022	< 2.0	3,000	< 2.0	< 10	1,700	---	---	< 4.0
MW-3	8/3/2022	< 2.0	3,400	2.6	< 10	2,000	---	---	< 4.0
MW-3	11/28/2023	< 2.0	4,000	2.8	< 0.50	1,900	---	---	< 4.0
MW-3	5/1/2024	< 2.0	4,200	---	---	2,100	<2.0	0.29	---
MW-3	9/25/2024	<2.0	4,400	---	---	2,000	<5.0	0.12	---
MW-3	12/11/2024	2.9	5,100	---	---	2,300	<10	<1.0	---

CUMULATIVE GROUNDWATER EPA METHOD 300.0: ANIONS
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	---	**38,100**	---	---	---	---	---	---
MW-4	11/8/2004	---	**32,990**	---	---	---	---	---	---
MW-4	3/17/2012	**2.2**	**17,000**	6.4	< 10	**2,600**	---	---	< 20
MW-4	6/18/2012	< 2.0	**21,000**	< 2.0	< 10	**2,600**	---	---	< 10
MW-4	9/12/2012	< 2.0	**23,000**	6.3	< 50	**2,500**	---	---	< 20
MW-4	12/7/2012	< 2.0	**19,000**	< 2.0	< 10	**2,400**	---	---	< 20
MW-4	3/12/2013	< 2.0	**19,000**	7.7	< 10	**2,500**	---	---	< 10
MW-4	6/27/2013	< 1.0	**16,000**	7.3	< 5.0	**2,300**	---	---	< 10
MW-4	3/28/2018	< 1.0	**16,000**	5.7	< 5.0	**2,500**	---	---	< 10
MW-4	3/11/2019	< 2.0	**12,000**	4.4	< 10	**2,500**	---	---	< 10
MW-4	10/29/2019	< 0.50	**15,000**	4.3	< 2.5	**2,100**	---	---	< 10
MW-4	9/18/2020	< 0.50	**13,000**	5.6	< 2.5	**2,100**	---	---	< 20
MW-4	8/24/2021	< 0.50	**20,000**	7.2	< 2.5	**2,600**	---	---	< 20
MW-4	3/22/2022	< 2.0	**18,000**	8.1	< 25	**2,700**	---	---	< 20
MW-4	8/3/2022	< 2.0	**18,000**	13	< 10	**2,600**	---	---	< 20
MW-4	11/29/2023	< 2.0	**20,000**	8.9	< 10	**2,500**	---	---	< 20
MW-4	5/1/2024	< 2.0	**17,000**	---	---	**2,500**	< 10	2.9	---
MW-4	9/25/2024	< 2.0	**21,000**	---	---	**2,500**	< 5.0	4.8	---
MW-4	12/11/2024	**3.7**	**23,000**	---	---	**2,900**	<10	1.3	---
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 standard is for nitrate. The nitrite standard is 1.0 mg/L.
2. Exceedances of the listed closure criteria are highlighted in bold, red type.

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2)
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	---	0.047	---	---	< 0.0020	3,300	< 0.0060	---	0.024	1,300	< 0.0020	---	---	6.7	< 0.0050	930	0.041
MW-1	6/18/2012	---	0.044	---	---	< 0.0020	3,300	< 0.0060	---	0.045	1,200	< 0.0020	---	---	5.2	< 0.0050	970	0.016
MW-1	9/12/2012	---	0.044	---	---	< 0.0020	3,100	< 0.0060	---	0.027	1,200	< 0.0020	---	---	6.2	< 0.0050	970	0.014
MW-1	12/7/2012	---	0.049	---	---	< 0.0020	2,700	< 0.0060	---	0.028	1,000	< 0.0020	---	---	10	< 0.0050	910	0.025
MW-1	3/12/2013	---	0.046	---	---	< 0.0020	3,200	0.0068	---	< 0.020	1,200	< 0.0020	---	---	6.7	< 0.0050	900	0.016
MW-1	6/27/2013	---	0.047	---	---	< 0.0020	3,600	0.0074	---	< 0.020	1,200	< 0.0020	---	---	6.6	< 0.25	1,000	0.019
MW-1	3/28/2018	< 0.10	0.04	< 0.010	---	< 0.010	3,500	< 0.030	< 0.030	< 0.10	2,600	< 0.010	< 0.040	< 0.050	6.8	**0.11**	5,500	< 0.050
MW-1	3/11/2019	< 0.020	0.024	< 0.0020	0.17	< 0.0020	1,900	< 0.0060	< 0.0060	0.035	2,800	< 0.0020	< 0.0080	< 0.010	6.3	0.028	6,400	0.017
MW-1	10/29/2019	< 0.020	0.013	0.0024	---	< 0.0020	810	< 0.0060	< 0.0060	< 0.020	2,200	0.0046	< 0.0080	< 0.010	22	0.019	7,500	0.047
MW-1	9/18/2020	< 0.10	0.034	< 0.010	0.21	< 0.010	2,500	< 0.030	< 0.030	< 0.10	1,900	0.015	< 0.040	< 0.050	7.1	< 0.025	4,400	0.056
MW-1	8/24/2021	< 0.20	< 0.020	< 0.020	< 0.40	< 0.020	900	< 0.060	< 0.060	< 0.10	1,900	< 0.020	< 0.080	< 0.10	6.4	< 0.050	6,200	< 0.10
MW-1	3/22/2022	< 0.10	0.019	< 0.010	0.29	< 0.010	1,800	< 0.030	< 0.030	< 0.10	2,200	< 0.010	< 0.040	< 0.050	6.5	< 0.025	6,400	< 0.050
MW-1	8/3/2022	< 0.020	0.028	< 0.0020	0.24	< 0.0020	2,300	< 0.0060	< 0.0060	< 0.020	2,100	< 0.0020	< 0.0080	< 0.010	6.5	0.038	5,100	0.098
MW-1	11/29/2023	0.025	0.021	< 0.0020	0.27	< 0.0020	2,500	< 0.0060	< 0.0060	< 0.020	2,000	< 0.0020	< 0.0080	< 0.010	5.6	0.042	4,500	<0.010
MW-1	5/1/2024	---	---	<0.0020	0.13	---	---	---	---	---	---	< 0.0020	---	---	---	0.029	---	---
MW-1	9/25/2024	---	---	<0.0020	0.23	---	---	---	---	<0.020	---	0.0024	---	---	---	0.085	---	---
MW-1	12/11/2024	---	---	<0.020	<0.40	---	---	---	---	---	---	<0.020	---	---	---	**0.24**	---	---
MW-2	3/17/2012	---	0.016	---	---	< 0.0020	1,000	< 0.0060	---	0.058	540	0.017	---	---	12	< 0.0050	3,500	0.019
MW-2	6/18/2012	---	0.018	---	---	< 0.010	1,000	< 0.030	---	< 0.10	480	0.022	---	---	10	< 0.025	3,400	< 0.050
MW-2	9/12/2012	---	0.014	---	---	< 0.0020	950	< 0.0060	---	0.054	510	0.0097	---	---	8.8	< 0.0050	3,100	< 0.010
MW-2	12/7/2012	---	0.015	---	---	< 0.0020	840	< 0.0060	---	0.056	480	0.014	---	---	16	< 0.0050	3,300	< 0.010
MW-2	3/12/2013	---	0.014	---	---	< 0.0020	830	< 0.0060	---	0.06	460	0.026	---	---	12	< 0.0050	3,100	0.012
MW-2	6/27/2013	---	0.015	---	---	< 0.0020	1,100	< 0.0060	---	0.05	550	0.019	---	---	8.1	< 0.10	3,500	< 0.010
MW-2	3/28/2018	< 0.10	0.02	< 0.010	---	< 0.010	860	< 0.030	< 0.030	< 0.10	460	0.071	< 0.040	< 0.050	15	0.04	5,400	< 0.050
MW-2	3/11/2019	< 0.020	0.015	< 0.0020	---	< 0.0020	840	< 0.0060	< 0.0060	0.047	450	0.13	< 0.0080	< 0.010	13	0.014	4,600	0.043
MW-2	10/29/2019	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2	9/18/2020	< 0.10	0.013	< 0.010	0.45	< 0.010	980	< 0.030	< 0.030	< 0.10	520	0.041	< 0.040	< 0.050	12	< 0.025	3,300	< 0.050
MW-2	8/24/2021	< 0.10	0.014	< 0.010	0.57	< 0.010	940	< 0.030	< 0.030	< 0.020	500	0.021	< 0.040	< 0.050	19	< 0.025	4,700	< 0.050
MW-2	3/22/2022	< 0.10	0.012	< 0.010	0.64	< 0.010	1,100	< 0.030	< 0.030	< 0.020	560	0.015	< 0.040	< 0.050	21	< 0.025	6,200	< 0.050
MW-2	8/3/2022	< 0.020	0.015	< 0.0020	0.61	< 0.0020	1,100	< 0.0060	< 0.0060	0.086	540	0.024	< 0.0080	< 0.010	16	0.02	5,300	0.052
MW-2	11/29/2023	< 0.020	0.0099	< 0.0020	0.41	< 0.0020	720	< 0.0060	< 0.0060	< 0.020	410	0.0091	< 0.0080	< 0.010	13	0.015	3,600	< 0.010
MW-2	5/1/2024	---	---	<0.0020	0.27	---	---	---	---	---	---	0.0034	---	---	---	0.0074	---	---
MW-2	9/25/2024	---	---	0.0023	0.41	---	---	---	---	<0.20	---	<0.0020	---	---	---	0.027	---	---
MW-2	12/11/2024	---	---	<0.010	0.53	---	---	---	---	---	---	<0.010	---	---	---	**0.056**	---	---

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2)
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	3/17/2012	---	0.016	---	---	< 0.0020	610	< 0.0060	---	0.43	350	0.12	---	---	8.6	< 0.0050	2,400	0.013
MW-3	6/18/2012	---	0.014	---	---	< 0.010	610	< 0.030	---	0.15	370	0.057	---	---	9	< 0.025	2,200	< 0.050
MW-3	9/12/2012	---	0.015	---	---	< 0.0020	550	< 0.0060	---	0.039	340	0.041	---	---	7.5	< 0.0050	2,200	< 0.010
MW-3	12/7/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/12/2013	---	0.015	---	---	< 0.0020	560	< 0.0060	---	0.043	340	0.058	---	---	10	< 0.0050	2,100	0.042
MW-3	6/27/2013	---	0.015	---	---	< 0.0020	680	< 0.0060	---	0.082	400	0.029	---	---	7.9	< 0.25	2,700	< 0.010
MW-3	3/28/2018	< 0.10	0.019	< 0.010	---	< 0.010	580	< 0.030	< 0.030	0.38	380	**0.36**	< 0.040	< 0.050	6.6	0.027	1,900	< 0.050
MW-3	3/11/2019	< 0.020	0.012	< 0.0020	---	< 0.0020	560	< 0.0060	< 0.0060	0.32	350	0.18	< 0.0080	< 0.010	7	0.01	1,800	0.016
MW-3	10/29/2019	< 0.020	0.014	0.0028	---	< 0.0020	760	< 0.0060	< 0.0060	0.28	460	0.16	< 0.0080	< 0.010	8.5	0.019	2,100	0.021
MW-3	9/18/2020	< 0.10	0.011	< 0.010	0.36	< 0.010	680	< 0.030	< 0.030	< 0.10	410	0.07	< 0.040	< 0.050	8.4	< 0.025	1,900	< 0.050
MW-3	8/24/2021	< 0.020	0.014	< 0.0020	0.33	< 0.0020	610	< 0.0060	0.0064	0.21	360	0.14	< 0.0080	< 0.010	9.5	< 0.0050	1,800	0.022
MW-3	3/22/2022	< 0.10	0.015	< 0.0020	0.32	< 0.0020	640	< 0.0060	0.0075	0.16	400	0.085	< 0.0080	< 0.010	9.6	< 0.0050	1,800	0.014
MW-3	8/3/2022	< 0.020	0.014	< 0.0020	0.29	< 0.0020	650	< 0.0060	< 0.0060	0.086	380	0.065	< 0.0080	< 0.010	8.7	0.013	2,000	0.025
MW-3	11/29/2023	< 0.020	0.011	< 0.0020	0.22	< 0.0020	680	< 0.0060	< 0.0060	0.077	410	0.071	< 0.0080	< 0.010	8.2	0.012	2,100	< 0.010
MW-3	5/1/2024	---	---	<0.0020	0.16	---	---	---	---	---	---	0.034	---	---	---	0.0075	---	---
MW-3	9/25/2024	---	---	<0.0020	0.31	---	---	---	---	<0.020	---	0.039	---	---	---	0.026	---	---
MW-3	12/11/2024	---	---	<0.020	<0.40	---	---	---	---	---	---	0.044	---	---	---	**0.054**	---	---

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 1 OF 2)
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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-4	3/17/2012	---	0.035	---	---	< 0.020	1,700	< 0.060	---	< 1.0	670	0.18	---	---	37	< 0.050	8,600	< 0.10
MW-4	6/18/2012	---	0.028	---	---	< 0.0020	2,000	< 0.0060	---	0.043	690	0.11	---	---	36	< 0.0050	10,000	0.013
MW-4	9/12/2012	---	0.027	---	---	< 0.020	2,200	< 0.060	---	< 0.20	780	0.085	---	---	31	< 0.050	11,000	< 0.10
MW-4	12/7/2012	---	0.028	---	---	< 0.0020	1,800	< 0.0060	---	0.071	670	0.15	---	---	55	< 0.0050	8,400	< 0.010
MW-4	3/12/2013	---	0.027	---	---	< 0.0020	1,500	< 0.0060	---	0.038	550	**0.21**	---	---	45	< 0.0050	9,300	< 0.010
MW-4	6/27/2013	---	0.027	---	---	< 0.0020	1,700	< 0.0060	---	0.036	600	**0.21**	---	---	41	< 0.25	10,000	0.012
MW-4	3/28/2018	< 0.10	0.02	< 0.010	---	< 0.010	1,500	< 0.030	< 0.030	< 0.10	620	**1**	< 0.040	< 0.050	38	**0.056**	11,000	< 0.050
MW-4	3/11/2019	< 0.020	0.016	< 0.0020	---	< 0.0020	790	< 0.0060	< 0.0060	0.036	320	**0.76**	< 0.0080	< 0.010	27	0.014	7,100	0.014
MW-4	10/29/2019	< 0.10	0.018	**0.015**	---	< 0.010	1,700	< 0.030	< 0.030	< 0.10	610	**0.53**	< 0.040	< 0.050	29	**0.059**	8,600	< 0.050
MW-4	9/18/2020	< 0.10	0.038	< 0.010	**1.4**	< 0.010	2,000	< 0.030	< 0.030	< 0.10	700	**0.79**	< 0.040	< 0.050	42	< 0.025	10,000	< 0.050
MW-4	8/24/2021	< 0.10	0.028	< 0.010	**1.3**	< 0.010	2,200	< 0.030	0.031	< 0.020	690	**0.43**	< 0.040	< 0.050	43	< 0.025	10,000	< 0.050
MW-4	3/22/2022	< 0.10	0.021	< 0.010	**1.5**	< 0.010	2,100	< 0.030	< 0.030	< 0.10	690	**0.66**	< 0.040	< 0.050	37	< 0.025	10,000	< 0.050
MW-4	8/3/2022	< 0.20	0.027	< 0.020	**1.1**	< 0.020	2,500	< 0.060	< 0.060	< 0.20	860	0.16	< 0.080	< 0.10	24	< 0.050	9,600	0.25
MW-4	11/29/2023	0.023	0.019	< 0.0020	0.74	< 0.0020	2,500	< 0.0060	< 0.0060	< 0.20	840	0.085	< 0.0080	< 0.010	22	0.040	9,800	< 0.010
MW-4	5/1/2024	---	---	<0.0020	**0.84**	---	---	---	---	---	---	0.17	---	---	---	0.030	---	---
MW-4	9/25/2024	---	---	0.0027	**0.76**	---	---	---	---	<0.020	---	0.042	---	---	---	**0.065**	---	---
MW-4	12/11/2024	---	---	<0.020	**1.2**	---	---	---	---	---	---	0.14	---	---	---	**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 are highlighted in bold, red type.

CUMULATIVE GROUNDWATER DISSOLVED METALS (TABLE 2 OF 2)
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	0.031	---	0.025
MW-1	6/18/2012	---	< 0.010	< 0.0060	< 0.0050	< 0.00020	0.045	---	0.024
MW-1	9/12/2012	---	0.0071	< 0.0060	< 0.0050	< 0.00020	0.033	---	0.025
MW-1	12/7/2012	---	0.0067	< 0.0060	< 0.010	< 0.00020	0.041	---	0.027
MW-1	3/12/2013	---	< 0.010	< 0.0060	< 0.0050	< 0.00020	0.031	---	0.024
MW-1	6/27/2013	---	**0.023**	< 0.0060	< 0.0050	< 0.00020	**0.11**	---	0.027
MW-1	3/28/2018	---	**0.033**	< 0.010	< 0.0050	< 0.00020	**0.11**	---	**0.032**
MW-1	3/11/2019	< 0.020	< 0.010	0.0077	< 0.0050	< 0.00020	**0.088**	< 0.0050	**0.041**
MW-1	10/29/2019	< 0.020	< 0.020	< 0.0060	< 0.010	---	**0.074**	< 0.010	**0.06**
MW-1	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	**0.076**	< 0.0050	0.029
MW-1	8/24/2021	< 0.010	< 0.010	< 0.060	< 0.0050	---	**0.076**	< 0.0025	**0.055**
MW-1	3/22/2022	< 0.020	< 0.020	< 0.020	< 0.010	---	**0.1**	< 0.0050	**0.033**
MW-1	8/3/2022	< 0.010	< 0.010	< 0.010	< 0.0050	---	**0.11**	< 0.0025	**0.035**
MW-1	11/29/2023	<0.0050	**0.048**	< 0.0060	< 0.0025	---	**0.093**	< 0.0012	**0.031**
MW-1	5/1/2024	---	0.0059	---	---	<0.00020	**0.088**	---	0.030
MW-1	9/25/2024	---	0.0030	---	---	---	**0.093**	---	**0.032**
MW-1	12/11/2024	---	<0.010	---	---	<0.00020	**0.11**	---	0.029
MW-2	3/17/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.019	---	0.014
MW-2	6/18/2012	---	< 0.0050	< 0.030	< 0.025	< 0.00020	0.024	---	0.016
MW-2	9/12/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.028	---	0.014
MW-2	12/7/2012	---	0.0034	< 0.0060	< 0.010	< 0.00020	0.027	---	0.013
MW-2	3/12/2013	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.017	---	0.012
MW-2	6/27/2013	---	**0.012**	< 0.0060	< 0.0050	< 0.00020	**0.055**	---	0.015
MW-2	3/28/2018	---	**0.012**	< 0.0050	< 0.0050	< 0.00020	0.014	---	0.011
MW-2	3/11/2019	< 0.0050	< 0.0050	< 0.0060	< 0.0025	< 0.00020	0.016	< 0.0025	0.011
MW-2	10/29/2019	---	---	---	---	---	---	---	---
MW-2	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	0.013	< 0.0050	0.012
MW-2	8/24/2021	< 0.010	< 0.010	< 0.030	< 0.0050	---	0.017	< 0.0025	0.012
MW-2	3/22/2022	< 0.0050	< 0.020	< 0.020	< 0.010	---	< 0.020	< 0.0050	0.011
MW-2	8/3/2022	< 0.010	< 0.010	< 0.010	< 0.0050	---	0.014	< 0.0025	0.013
MW-2	11/29/2023	< 0.0050	**0.014**	< 0.0060	< 0.0025	---	0.017	<0.0012	0.011
MW-2	5/1/2024	---	0.010	---	---	<0.00020	0.015	---	0.012
MW-2	9/25/2024	---	0.0017	---	---	<0.00020	0.016	---	0.013
MW-2	12/11/2024	---	<0.0050	---	---	<0.00020	0.018	---	0.012
MW-3	3/17/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.011	---	0.0094
MW-3	6/18/2012	---	< 0.0050	< 0.030	< 0.025	< 0.00020	0.017	---	0.014
MW-3	9/12/2012	---	< 0.0050	< 0.0060	< 0.0050	< 0.00020	0.026	---	0.011
MW-3	12/7/2012	---	---	---	---	---	---	---	---
MW-3	3/12/2013	---	< 0.0050	< 0.0060	0.0073	< 0.00020	0.014	---	0.011
MW-3	6/27/2013	---	**0.011**	< 0.0060	< 0.0050	< 0.00020	0.047	---	0.014
MW-3	3/28/2018	---	0.0058	< 0.0050	< 0.0025	< 0.00020	< 0.0050	---	0.0052
MW-3	3/11/2019	< 0.0050	< 0.0050	< 0.0060	< 0.0025	< 0.00020	0.0079	< 0.0025	0.0074
MW-3	10/29/2019	< 0.010	< 0.010	< 0.0060	< 0.0050	---	< 0.010	< 0.0050	0.011
MW-3	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0050	0.011
MW-3	8/24/2021	< 0.010	< 0.010	< 0.060	< 0.0050	---	< 0.010	< 0.0025	0.0073
MW-3	3/22/2022	< 0.0050	< 0.0050	< 0.0050	< 0.0025	---	0.013	< 0.0012	0.0069
MW-3	8/3/2022	< 0.0050	< 0.010	< 0.010	< 0.0025	---	0.014	< 0.0012	0.0085
MW-3	11/29/2023	< 0.0050	**0.012**	< 0.0060	< 0.0025	---	0.011	< 0.0012	0.0069
MW-3	5/1/2024	---	0.0092	---	---	<0.00020	0.0052	---	0.0083
MW-3	9/25/2024	---	0.0014	---	---	<0.00020	0.0089	---	0.014
MW-3	12/11/2024	---	<0.0050	---	---	<0.00020	<0.010	---	0.012
MW-4	3/17/2012	---	< 0.0050	< 0.060	< 0.050	0.0014	0.019	---	0.015
MW-4	6/18/2012	---	< 0.020	< 0.0060	< 0.0050	0.00092	0.032	---	< 0.020
MW-4	9/12/2012	---	**0.014**	< 0.060	< 0.010	0.0012	0.025	---	0.017
MW-4	12/7/2012	---	0.0066	< 0.0060	< 0.020	**0.0028**	0.029	---	< 0.020
MW-4	3/12/2013	---	< 0.010	< 0.0060	< 0.0050	0.00097	0.013	---	0.014
MW-4	6/27/2013	---	**0.023**	< 0.0060	< 0.0050	0.0015	**0.094**	---	0.018
MW-4	3/28/2018	---	**0.019**	<0.010	< 0.0050	0.00042	< 0.010	---	0.017
MW-4	3/11/2019	< 0.020	< 0.010	< 0.0060	< 0.0050	0.00072	< 0.010	< 0.0050	0.014
MW-4	10/29/2019	< 0.020	< 0.020	< 0.030	< 0.010	---	< 0.020	< 0.010	0.014
MW-4	9/18/2020	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0050	0.017
MW-4	8/24/2021	< 0.010	< 0.010	< 0.030	< 0.0050	---	< 0.010	< 0.0025	0.018
MW-4	3/22/2022	< 0.020	< 0.020	< 0.020	< 0.010	---	< 0.020	< 0.0050	0.017
MW-4	8/3/2022	< 0.020	< 0.020	< 0.020	< 0.010	---	< 0.020	< 0.0050	0.017
MW-4	11/29/2023	< 0.0050	**0.041**	< 0.0060	< 0.0025	---	0.0078	< 0.0012	0.016
MW-4	5/1/2024	---	0.0051	---	---	0.00026	0.0052	---	0.016
MW-4	9/25/2024	---	0.0028	---	---	0.00063	0.0096	---	0.018
MW-4	12/11/2024	---	< 0.010	---	---	<0.00020	<0.020	---	0.017
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 are highlighted in bold, red type.

CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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-2	10/21/2000	<1.00	<0.50	<0.50	---	0.015	<0.001	0.001	0.003	---	---	---	---	---
MW-1	9/19/2002	---	---	---	---	<0.001	<0.001	<0.001	<0.001	---	---	---	---	---
MW-1	11/8/2004	---	---	---	---	<0.002	<0.002	<0.002	<0.006	---	---	---	---	---
MW-1	3/17/2012	---	---	---	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-1	6/18/2012	---	---	---	<0.001	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-1	9/12/2012	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-1	12/7/2012	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-1	3/12/2013	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-1	6/27/2013	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-1	3/28/2018	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-1	3/11/2019	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-1	10/29/2019	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-1	9/18/2020	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-1	8/24/2021	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-1	3/22/2022	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-1	8/3/2022	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-1	11/29/2023	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-1	5/1/2024	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-1	9/25/2024	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-1	12/11/2024	---	---	---	---	<0.001	---	---	---	---	---	---	---	---
MW-2	9/19/2002	---	---	---	---	<0.001	<0.001	<0.001	<0.001	---	---	---	---	---
MW-2	11/8/2004	---	---	---	---	<0.002	<0.002	<0.002	<0.006	---	---	---	---	---
MW-2	3/17/2012	---	---	---	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-2	6/18/2012	---	---	---	<0.001	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-2	9/12/2012	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-2	12/7/2012	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-2	3/12/2013	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-2	6/27/2013	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-2	3/28/2018	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-2	3/11/2019	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-2	10/29/2019	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2	9/18/2020	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-2	8/24/2021	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-2	3/22/2022	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-2	8/3/2022	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-2	11/29/2023	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-2	5/1/2024	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-2	9/25/24	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-2	12/11/2024	---	---	---	---	<0.001	---	---	---	---	---	---	---	---

CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	9/19/2002	---	---	---	---	<0.001	<0.001	<0.001	<0.001	---	---	---	---	---
MW-3	11/8/2004	---	---	---	---	0.004	<0.002	<0.002	<0.006	---	---	---	---	---
MW-3	3/17/2012	---	---	---	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-3	6/18/2012	---	---	---	<0.001	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-3	9/12/2012	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-3	12/7/2012	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-3	3/12/2013	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-3	6/27/2013	---	---	---	---	<0.001	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-3	3/28/2018	---	---	---	---	0.0013	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-3	3/11/2019	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-3	10/29/2019	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-3	9/18/2020	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-3	8/24/2021	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-3	3/22/2022	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-3	8/3/2022	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-3	11/29/2023	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-3	5/1/2024	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-3	9/25/2024	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-3	12/11/2024	---	---	---	---	<0.001	---	---	---	---	---	---	---	---

CUMULATIVE GROUNDWATER TPH AND VOC DATA SUMMARY
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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-4	9/19/2002	---	---	---	---	**0.069**	0.008	0.01	0.016	---	---	---	---	---
MW-4	11/8/2004	---	---	---	---	**0.051**	<0.002	0.005	<0.006	---	---	---	---	---
MW-4	3/17/2012	---	---	---	<0.001	**0.01**	<0.001	<0.001	<0.002	<0.001	<0.001	<0.002	<0.004	<0.004
MW-4	6/18/2012	---	---	---	<0.001	**0.0074**	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-4	9/12/2012	---	---	---	---	**0.0095**	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-4	12/7/2012	---	---	---	---	**0.0097**	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-4	3/12/2013	---	---	---	---	**0.01**	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-4	6/27/2013	---	---	---	---	**0.0052**	<0.001	<0.001	<0.002	---	---	<0.002	---	---
MW-4	3/28/2018	---	---	---	---	**0.014**	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-4	3/11/2019	---	---	---	---	**0.0074**	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-4	10/29/2019	---	---	---	---	0.0021	<0.001	<0.001	<0.0015	---	---	<0.002	---	---
MW-4	9/18/2020	---	---	---	---	0.002	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-4	8/24/2021	---	---	---	---	0.0017	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-4	3/22/2022	---	---	---	---	**0.019**	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-4	8/3/2022	---	---	---	---	**0.0056**	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-4	11/29/2023	---	---	---	---	<0.001	<0.001	<0.001	<0.0015	---	---	<0.002	<0.004	<0.004
MW-4	5/1/2024	---	---	---	---	0.0017	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-4	9/25/2024	---	---	---	---	0.0023	<0.001	<0.001	<0.0015	---	---	---	---	---
MW-4	12/11/2024	---	---	---	---	0.0011	---	---	---	---	---	---	---	---
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 are highlighted in bold, red type.

CUMULATIVE GROUNDWATER SPECIFIC CONDUCTANCE, pH, ALKALINITY, AND TDS
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	---	---	---	---	---	18,400
MW-1	11/8/2004	---	---	---	---	---	7,800
MW-1	3/17/2012	28000	6.98	130	< 2.0	130	19,400
MW-1	6/18/2012	47000	6.99	150	< 2.0	150	23,900
MW-1	9/12/2012	31000	6.99	130	< 2.0	130	21,000
MW-1	12/7/2012	36000	6.83	130	< 2.0	130	21,300
MW-1	3/12/2013	49000	7.01	150	< 2.0	150	27,000
MW-1	6/27/2013	32000	7.12	130	< 2.0	130	23,100
MW-1	3/28/2018	64000	---	162.7	< 2.000	162.7	36,900
MW-1	3/11/2019	56,000	7.11	236.4	< 2.000	236.4	32,600
MW-1	10/29/2019	53,000	7.60	353.7	< 2.000	353.7	36,500
MW-1	9/18/2020	57,000	7.10	166.3	< 2.000	166.3	31,400
MW-1	8/24/2021	51,000	---	293.5	< 2.000	293.5	31,900
MW-1	3/22/2022	54,000	7.43	213.7	< 2.000	213.7	31,900
MW-1	8/3/2022	58,000	7.09	186.7	< 2.000	186.7	36,900
MW-1	11/29/2023	50,000	7.00	173.3	< 2.000	173.3	33,100
MW-1	5/1/2024	---	---	---	---	---	38,000
MW-1	9/25/2024	---	---	---	---	---	38,000
MW-1	12/11/2024	---	---	---	---	---	29,000
MW-2	9/19/2002	---	---	---	---	---	14,800
MW-2	11/8/2004	---	---	---	---	---	9,400
MW-2	3/17/2012	24,000	7.26	190	< 2.0	190	14,100
MW-2	6/18/2012	29,000	7.20	190	< 2.0	190	14,900
MW-2	9/12/2012	24,000	7.29	200	< 2.0	200	14,600
MW-2	12/7/2012	25,000	7.12	200	< 2.0	200	13,400
MW-2	3/12/2013	26,000	7.17	200	< 2.0	200	13,600
MW-2	6/27/2013	26,000	7.42	200	< 2.0	200	14,500
MW-2	3/28/2018	31,000	---	243.3	< 2.000	243.3	19,800
MW-2	3/11/2019	29,000	7.18	223	< 2.000	223	16,900
MW-2	10/29/2019	---	---	---	---	---	---
MW-2	9/18/2020	25,000	7.26	206	< 2.000	206	14,100
MW-2	8/24/2021	37,000	---	214.4	< 2.000	214.4	20,300
MW-2	3/22/2022	37,000	7.5	224.8	< 2.000	224.8	21,300
MW-2	8/3/2022	37,000	7.3	220.2	< 2.000	220.2	18,700
MW-2	11/29/2023	24,000	7.37	216.4	< 2.000	216.4	13,500
MW-2	5/1/2024	---	---	---	---	---	14,000
MW-2	9/25/2024	---	---	---	---	---	13,000
MW-2	12/11/2024	---	---	---	---	---	11,000

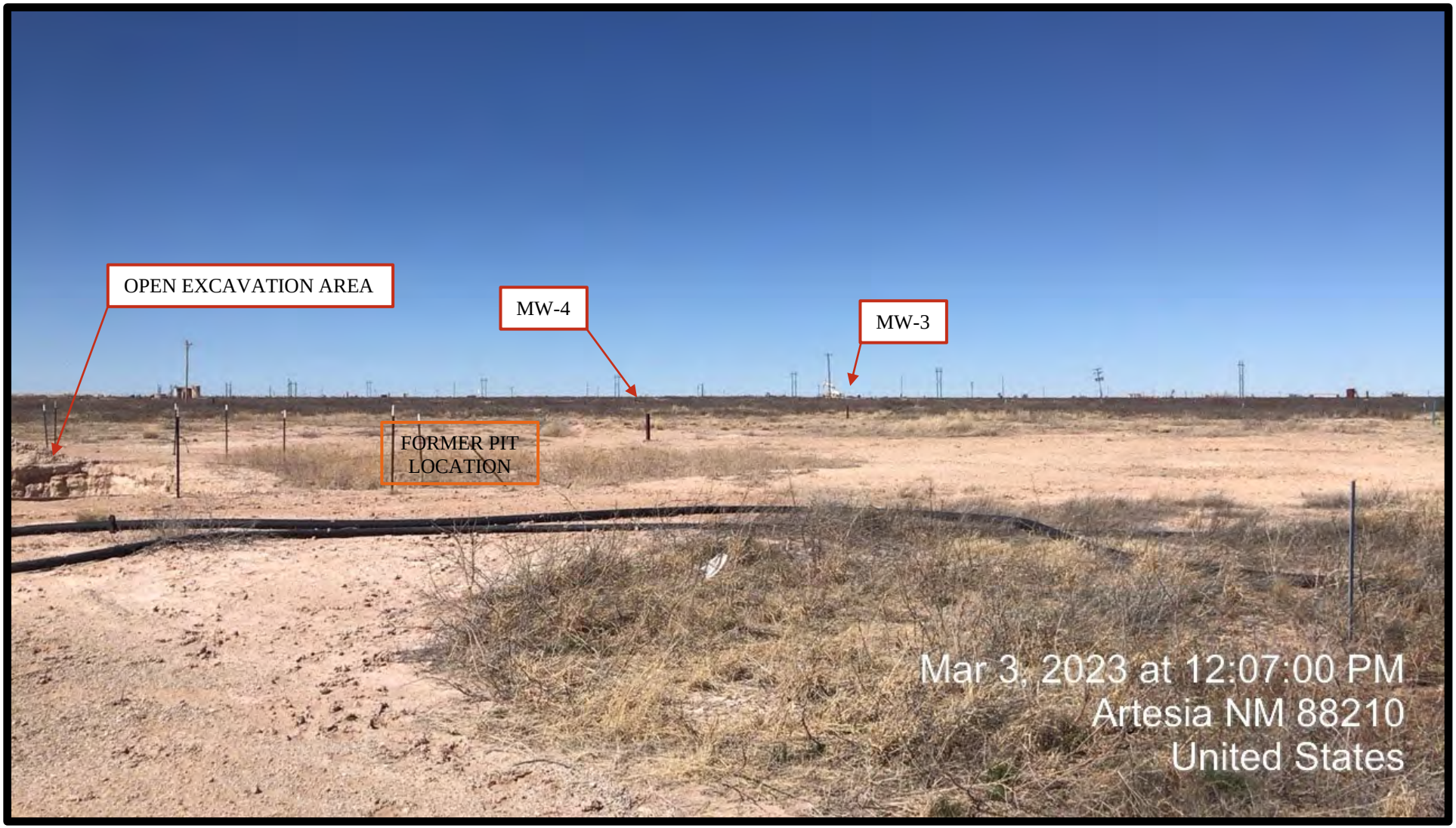
CUMULATIVE GROUNDWATER SPECIFIC CONDUCTANCE, pH, ALKALINITY, AND TDS
SCRIPP PIT
EDDY COUNTY, NEW MEXICO
AP-25

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	9/19/2002	---	---	---	---	---	**10,700**
MW-3	11/8/2004	---	---	---	---	---	**6,800**
MW-3	3/17/2012	16,000	7.31	260	< 2.0	260	**9,780**
MW-3	6/18/2012	21,000	7.36	260	< 2.0	260	**10,300**
MW-3	9/12/2012	16,000	7.35	250	< 2.0	250	**9,100**
MW-3	12/7/2012	---	---	---	---	---	---
MW-3	3/12/2013	15,000	7.25	270	< 2.0	270	**10,800**
MW-3	6/27/2013	16,000	7.54	260	< 2.0	260	**9,440**
MW-3	3/28/2018	14,000	---	265.9	< 2.000	265.9	**8,840**
MW-3	3/11/2019	14,000	7.27	243.3	< 2.000	243.3	**8,680**
MW-3	10/29/2019	18,000	7.54	290.2	< 2.000	290.2	**10,600**
MW-3	9/18/2020	17,000	7.46	252.6	< 2.000	252.6	**9,840**
MW-3	8/24/2021	16,000	---	235.3	< 2.000	235.3	**8,450**
MW-3	3/22/2022	16,000	7.63	220.9	< 2.000	220.9	**8,570**
MW-3	8/3/2022	18,000	7.45	224.6	< 2.000	224.6	**10,600**
MW-3	11/29/2023	17,000	7.36	228.8	< 2.000	228.8	**9,780**
MW-3	5/1/2024	---	---	---	---	---	**12,000**
MW-3	9/25/2024	---	---	---	---	---	**12,000**
MW-3	12/11/2024	---	---	---	---	---	**11,000**
MW-4	9/19/2002	---	---	---	---	---	**57,400**
MW-4	11/8/2004	---	---	---	---	---	**44,400**
MW-4	3/17/2012	63,000	7.15	260	< 2.0	260	**33,400**
MW-4	6/18/2012	73,000	7.02	240	< 2.0	240	**38,400**
MW-4	9/12/2012	75,000	7.10	230	< 2.0	230	**42,000**
MW-4	12/7/2012	62,000	6.95	240	< 2.0	240	**31,600**
MW-4	3/12/2013	63,000	7.06	250	< 2.0	250	**33,800**
MW-4	6/27/2013	60,000	7.30	240	< 2.0	240	**35,500**
MW-4	3/28/2018	64,000	---	289	< 2.000	289	**33,600**
MW-4	3/11/2019	38,000	7.20	298.2	< 2.000	298.2	**22,900**
MW-4	10/29/2019	52,000	7.40	248.7	< 2.000	248.7	**33,700**
MW-4	9/18/2020	52,000	7.37	327.8	< 2.000	327.8	**24,900**
MW-4	8/24/2021	76,000	---	254.1	< 2.000	254.1	**40,700**
MW-4	3/22/2022	61,000	7.24	276.7	< 2.000	276.7	**36,300**
MW-4	8/3/2022	74,000	7.08	251.5	< 2.000	251.5	**38,000**
MW-4	11/29/2023	65,000	7.11	227.2	< 2.000	227.2	**7,700**
MW-4	5/1/2024	---	---	---	---	---	**40,000**
MW-4	9/25/24	---	---	---	---	---	**48,000**
MW-4	12/11/2024	---	---	---	---	---	**37,000**
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 are highlighted in bold, red type.

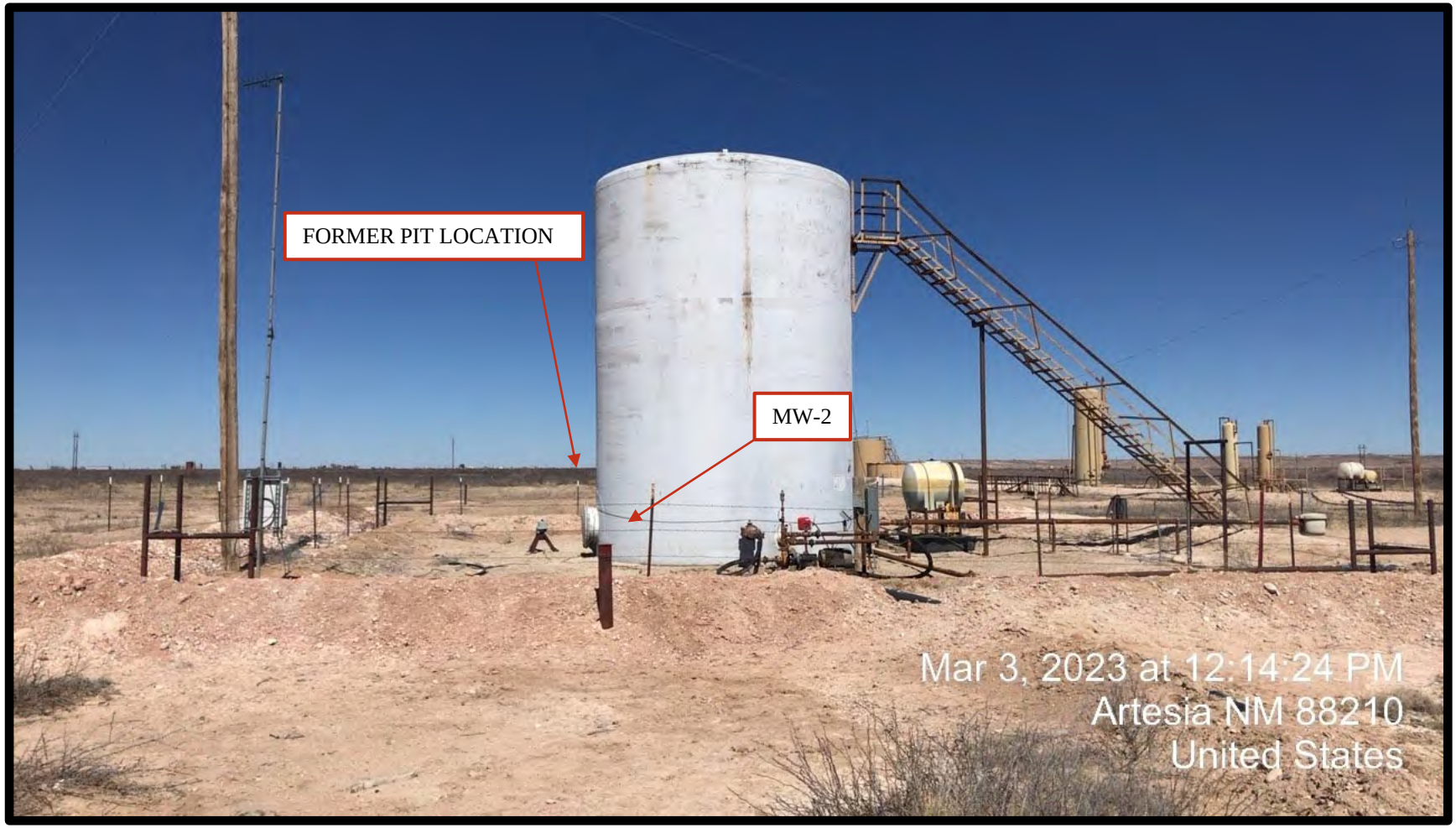
ATTACHMENT 1 – SITE PHOTOGRAPHS



PHOTOGRAPH NO. 1 – A current view of the Site with the former pit location and two monitor wells visible. The view is towards the northwest.

(Approximate GPS: 32.713321, -104.342552)

PHOTOGRAPH NO. 2 – A view of monitor well MW-1. The view is towards the south. *(Approximate GPS: 32.713235, -104.342473)*



PHOTOGRAPH NO. 3 – A view of monitor well MW-2. The view is towards the north.

(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 5/28/2024 11:08:18 AM

JOB DESCRIPTION

Scripp Pit

JOB NUMBER

885-3807-1

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
5/28/2024 11:08:18 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: Scripp Pit

Laboratory Job ID: 885-3807-1

Table of Contents

Definitions/Glossary

Client: Ranger Environmental Services, Inc Job ID: 885-3807-1
Project/Site: Scripp 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: 885-3807-1
Project: Scripp Pit

Job ID: 885-3807-1 Eurofins Albuquerque

Job Narrative
885-3807-1

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 5/2/2024 7:55 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 -2.1°C.

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

HPLC/IC
Method 300_OF_28D_PREC: Cl not properly identified due to high value.

MW-1 (885-3807-1), MW-2 (885-3807-2), MW-3 (885-3807-3) and MW-4 (885-3807-4)

Method 300_OF_28D_PREC: Manual integration was performed on the following samples: MW-1 (885-3807-1), MW-3 (885-3807-3) and MW-4 (885-3807-4).

Method 300_OF_48H_PREC: Manual integration was performed on the following samples: MW-1 (885-3807-1), MW-3 (885-3807-3) and MW-4 (885-3807-4).

Method 300_OF_48H_PREC: Reanalysis of the following samples were performed outside of the analytical holding time due to analyst error : MW-1 (885-3807-1) and MW-4 (885-3807-4).

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: Scripp Pit

Job ID: 885-3807-1

Client Sample ID: MW-1

Date Collected: 05/01/24 09:11
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			05/07/24 16:10	1
Ethylbenzene	ND		1.0		ug/L			05/07/24 16:10	1
Toluene	ND		1.0		ug/L			05/07/24 16:10	1
Xylenes, Total	ND		1.5		ug/L			05/07/24 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*70 - 130*		*05/07/24 16:10*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*05/07/24 16:10*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/07/24 16:10*	*1*
Toluene-d8 (Surr)	*84*		*70 - 130*		*05/07/24 16:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16000**		1000		mg/L			05/07/24 23:19	2000
Nitrate	**17**		2.0		mg/L			05/03/24 00:55	20
Fluoride	ND		2.0		mg/L			05/03/24 00:55	20
Nitrite	ND	H	10		mg/L			05/08/24 00:10	100
Sulfate	**1800**		1000		mg/L			05/07/24 23:19	2000

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		05/06/24 14:10	05/07/24 17:21	5
Boron	**0.31**		0.20		mg/L		05/06/24 14:10	05/07/24 17:21	5
Manganese	ND		0.010		mg/L		05/06/24 14:10	05/07/24 17:21	5
Silver	ND		0.025		mg/L		05/06/24 14:10	05/07/24 17:21	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 08:39	1
Boron	**0.13**		0.040		mg/L			05/06/24 08:39	1
Manganese	ND		0.0020		mg/L			05/06/24 08:39	1
Silver	**0.029**		0.0050		mg/L			05/06/24 08:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.10**		0.0050		mg/L		05/06/24 14:10	05/12/24 10:29	5
Uranium	**0.034**		0.0025		mg/L		05/06/24 14:10	05/15/24 15:26	5
Arsenic	**0.0083**		0.0025		mg/L		05/06/24 14:10	05/12/24 10:29	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.088**		0.0050		mg/L			05/26/24 10:16	5
Uranium	**0.030**		0.0025		mg/L			05/26/24 10:16	5
Arsenic	**0.0059**		0.0025		mg/L			05/26/24 10:16	5

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		05/06/24 10:14	05/08/24 12:22	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-1
Date Collected: 05/01/24 09:11
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	38000		5000		mg/L			05/06/24 10:19	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-2

Date Collected: 05/01/24 10:00
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			05/07/24 16:38	1
Ethylbenzene	ND		1.0		ug/L			05/07/24 16:38	1
Toluene	ND		1.0		ug/L			05/07/24 16:38	1
Xylenes, Total	ND		1.5		ug/L			05/07/24 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*		*05/07/24 16:38*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*05/07/24 16:38*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*05/07/24 16:38*	*1*
Toluene-d8 (Surr)	*84*		*70 - 130*		*05/07/24 16:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5300**		250		mg/L			05/07/24 23:32	500
Nitrate	**2.5**		2.0		mg/L			05/03/24 01:19	20
Fluoride	ND		2.0		mg/L			05/03/24 01:19	20
Nitrite	ND		2.0		mg/L			05/03/24 01:19	20
Sulfate	**2300**		250		mg/L			05/07/24 23:32	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		05/06/24 14:10	05/07/24 17:24	5
Boron	**0.48**		0.20		mg/L		05/06/24 14:10	05/07/24 17:24	5
Manganese	**0.012**		0.010		mg/L		05/06/24 14:10	05/07/24 17:24	5
Silver	ND		0.025		mg/L		05/06/24 14:10	05/07/24 17:24	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 08:42	1
Boron	**0.27**		0.040		mg/L			05/06/24 08:42	1
Manganese	**0.0034**		0.0020		mg/L			05/06/24 08:42	1
Silver	**0.0074**		0.0050		mg/L			05/06/24 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0010		mg/L		05/06/24 14:10	05/08/24 16:51	1
Uranium	**0.013**		0.0025		mg/L		05/06/24 14:10	05/15/24 15:30	5
Arsenic	**0.0028**		0.0025		mg/L		05/06/24 14:10	05/12/24 10:41	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.015**		0.0010		mg/L			05/21/24 11:52	1
Uranium	**0.012**		0.0025		mg/L			05/26/24 10:19	5
Arsenic	**0.010**		0.00050		mg/L			05/21/24 11:52	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		05/06/24 10:14	05/08/24 12:25	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-2

Date Collected: 05/01/24 10:00
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-2

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	14000		500		mg/L			05/06/24 10:19	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-3

Date Collected: 05/01/24 07:47
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			05/07/24 17:07	1
Ethylbenzene	ND		1.0		ug/L			05/07/24 17:07	1
Toluene	ND		1.0		ug/L			05/07/24 17:07	1
Xylenes, Total	ND		1.5		ug/L			05/07/24 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*		*05/07/24 17:07*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*05/07/24 17:07*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/07/24 17:07*	*1*
Toluene-d8 (Surr)	*84*		*70 - 130*		*05/07/24 17:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4200**		250		mg/L			05/07/24 23:45	500
Nitrate	**0.29**		0.10		mg/L			05/03/24 01:32	1
Fluoride	ND		2.0		mg/L			05/03/24 01:44	20
Nitrite	ND		2.0		mg/L			05/03/24 01:44	20
Sulfate	**2100**		250		mg/L			05/07/24 23:45	500

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		05/06/24 14:10	05/07/24 17:26	1
Boron	**0.31**		0.040		mg/L		05/06/24 14:10	05/07/24 17:26	1
Manganese	**0.079**		0.0020		mg/L		05/06/24 14:10	05/07/24 17:26	1
Silver	ND		0.0050		mg/L		05/06/24 14:10	05/07/24 17:26	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 08:44	1
Boron	**0.16**		0.040		mg/L			05/06/24 08:44	1
Manganese	**0.034**		0.0020		mg/L			05/06/24 08:44	1
Silver	**0.0075**		0.0050		mg/L			05/06/24 08:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0010		mg/L		05/06/24 14:10	05/08/24 16:54	1
Uranium	**0.0090**		0.0025		mg/L		05/06/24 14:10	05/17/24 11:39	5
Arsenic	**0.0035**		0.0025		mg/L		05/06/24 14:10	05/12/24 10:44	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.0052**		0.0010		mg/L			05/21/24 11:54	1
Uranium	**0.0083**		0.0025		mg/L			05/26/24 10:22	5
Arsenic	**0.0092**		0.00050		mg/L			05/21/24 11:54	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		05/06/24 10:14	05/08/24 12:27	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-3

Lab Sample ID: 885-3807-3

Date Collected: 05/01/24 07:47
Matrix: Water
Date Received: 05/02/24 07:55

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	12000		500		mg/L			05/06/24 10:19	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-4

Date Collected: 05/01/24 08:28
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-4
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.7**		1.0		ug/L			05/07/24 17:35	1
Ethylbenzene	ND		1.0		ug/L			05/07/24 17:35	1
Toluene	ND		1.0		ug/L			05/07/24 17:35	1
Xylenes, Total	ND		1.5		ug/L			05/07/24 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 130*		*05/07/24 17:35*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*05/07/24 17:35*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*05/07/24 17:35*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*		*05/07/24 17:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17000**		1000		mg/L			05/07/24 23:57	2000
Nitrate	**2.9**		2.0		mg/L			05/03/24 02:09	20
Fluoride	ND		2.0		mg/L			05/03/24 02:09	20
Nitrite	ND	H	10		mg/L			05/08/24 00:23	100
Sulfate	**2500**		1000		mg/L			05/07/24 23:57	2000

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		05/06/24 14:10	05/07/24 17:31	5
Boron	**1.1**		0.20		mg/L		05/06/24 14:10	05/07/24 17:31	5
Manganese	**0.99**		0.010		mg/L		05/06/24 14:10	05/07/24 17:31	5
Silver	ND		0.025		mg/L		05/06/24 14:10	05/07/24 17:31	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 08:54	1
Boron	**0.84**		0.040		mg/L			05/06/24 08:54	1
Manganese	**0.17**		0.0020		mg/L			05/06/24 08:54	1
Silver	**0.030**		0.0050		mg/L			05/06/24 08:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0010		mg/L		05/06/24 14:10	05/08/24 16:57	1
Uranium	**0.021**		0.0025		mg/L		05/06/24 14:10	05/12/24 10:47	5
Arsenic	**0.0055**		0.0025		mg/L		05/06/24 14:10	05/12/24 10:47	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.0052**		0.0010		mg/L			05/21/24 11:57	1
Uranium	**0.016**		0.0025		mg/L			05/26/24 10:25	5
Arsenic	**0.0051**		0.0025		mg/L			05/26/24 10:25	5

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00026**		0.00020		mg/L		05/06/24 10:14	05/08/24 12:30	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: MW-4

Date Collected: 05/01/24 08:28
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-4

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	40000		2500		mg/L			05/06/24 10:19	1

Client Sample Results

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

Job ID: 885-3807-1

Client Sample ID: Trip Blank

Lab Sample ID: 885-3807-5
Matrix: Water
Date Collected: 05/01/24 00:00
Date Received: 05/02/24 07:55

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			05/07/24 18:04	1
Ethylbenzene	ND		1.0		ug/L			05/07/24 18:04	1
Toluene	ND		1.0		ug/L			05/07/24 18:04	1
Xylenes, Total	ND		1.5		ug/L			05/07/24 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*		*05/07/24 18:04*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*05/07/24 18:04*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*05/07/24 18:04*	*1*
Toluene-d8 (Surr)	*84*		*70 - 130*		*05/07/24 18:04*	*1*

QC Sample Results

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

Job ID: 885-3807-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-4552/3
Matrix: Water
Analysis Batch: 4552

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			05/07/24 09:29	1
Ethylbenzene	ND		1.0		ug/L			05/07/24 09:29	1
Toluene	ND		1.0		ug/L			05/07/24 09:29	1
Xylenes, Total	ND		1.5		ug/L			05/07/24 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*		*05/07/24 09:29*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*05/07/24 09:29*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/07/24 09:29*	*1*
Toluene-d8 (Surr)	*85*		*70 - 130*		*05/07/24 09:29*	*1*

Lab Sample ID: LCS 885-4552/2
Matrix: Water
Analysis Batch: 4552

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.1	22.0		ug/L		110	70 - 130		
Toluene			20.2	17.9		ug/L		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*86*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4305/21
Matrix: Water
Analysis Batch: 4305

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			05/02/24 21:25	1
Nitrite	ND		0.10		mg/L			05/02/24 21:25	1

Lab Sample ID: MB 885-4305/74
Matrix: Water
Analysis Batch: 4305

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			05/02/24 10:12	1
Nitrite	ND		0.10		mg/L			05/02/24 10:12	1

Lab Sample ID: LCS 885-4305/22
Matrix: Water
Analysis Batch: 4305

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	2.54		mg/L		101	90 - 110		

QC Sample Results

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

Job ID: 885-3807-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-4305/22
Matrix: Water
Analysis Batch: 4305

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.00	0.994		mg/L		99	90 - 110

Lab Sample ID: LCS 885-4305/75
Matrix: Water
Analysis Batch: 4305

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	2.54		mg/L		102	90 - 110
Nitrite	1.00	0.999		mg/L		100	90 - 110

Lab Sample ID: MRL 885-4305/73
Matrix: Water
Analysis Batch: 4305

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	0.0942	J	mg/L		94	50 - 150
Nitrite	0.0999	0.108		mg/L		108	50 - 150

Lab Sample ID: MB 885-4335/4
Matrix: Water
Analysis Batch: 4335

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			05/02/24 10:12	1
Fluoride	ND		0.10		mg/L			05/02/24 10:12	1
Sulfate	ND		0.50		mg/L			05/02/24 10:12	1

Lab Sample ID: MB 885-4335/75
Matrix: Water
Analysis Batch: 4335

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			05/02/24 21:25	1
Fluoride	ND		0.10		mg/L			05/02/24 21:25	1
Sulfate	ND		0.50		mg/L			05/02/24 21:25	1

Lab Sample ID: LCS 885-4335/5
Matrix: Water
Analysis Batch: 4335

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	4.89		mg/L		98	90 - 110
Fluoride	0.500	0.525		mg/L		105	90 - 110
Sulfate	10.0	9.90		mg/L		99	90 - 110

QC Sample Results

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

Job ID: 885-3807-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-4335/76
Matrix: Water
Analysis Batch: 4335

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	4.88		mg/L		98	90 - 110
Fluoride	0.500	0.532		mg/L		106	90 - 110
Sulfate	10.0	9.85		mg/L		99	90 - 110

Lab Sample ID: MRL 885-4335/3
Matrix: Water
Analysis Batch: 4335

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	0.540		mg/L		108	50 - 150
Fluoride	0.100	0.115		mg/L		115	50 - 150
Sulfate	0.500	0.538		mg/L		108	50 - 150

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

QC Sample Results

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

Job ID: 885-3807-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

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

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
Boron	ND		0.040		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		
Boron			0.500	0.485		mg/L		97	85 - 115		
Manganese			0.500	0.470		mg/L		94	85 - 115		
Silver			0.500	0.503		mg/L		101	85 - 115		

QC Sample Results

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

Job ID: 885-3807-1

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

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
Boron	0.0400	0.0383	J	mg/L		96	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
Boron	0.0400	0.0399	J	mg/L		100	50 - 150
Manganese	0.00200	0.00192	J	mg/L		96	50 - 150
Silver	0.00500	0.00514		mg/L		103	50 - 150

Lab Sample ID: MRL 885-4550/15
Matrix: Water
Analysis Batch: 4550

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	0.00178	J	mg/L		89	50 - 150
Boron	0.0400	0.0380	J	mg/L		95	50 - 150
Manganese	0.00200	0.00193	J	mg/L		96	50 - 150
Silver	0.00500	0.00512		mg/L		102	50 - 150

Lab Sample ID: MB 885-4427/1-A
Matrix: Water
Analysis Batch: 4550

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	mg/L		05/06/24 14:10	05/07/24 13:26	1
Boron	ND		0.040	mg/L		05/06/24 14:10	05/07/24 13:26	1
Manganese	ND		0.0020	mg/L		05/06/24 14:10	05/07/24 13:26	1
Silver	ND		0.0050	mg/L		05/06/24 14:10	05/07/24 13:26	1

Lab Sample ID: LCS 885-4427/3-A
Matrix: Water
Analysis Batch: 4550

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.488		mg/L		98	85 - 115
Boron	0.500	0.503		mg/L		101	85 - 115
Manganese	0.500	0.465		mg/L		93	85 - 115
Silver	0.100	0.0941		mg/L		94	85 - 115

QC Sample Results

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

Job ID: 885-3807-1

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

Lab Sample ID: LLCS 885-4427/2-A
Matrix: Water
Analysis Batch: 4550

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00187	J	mg/L		93	50 - 150
Boron	0.0400	0.0398	J	mg/L		99	50 - 150
Manganese	0.00200	0.00204		mg/L		102	50 - 150
Silver	0.00500	0.00506		mg/L		101	50 - 150

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MRL 885-4681/10
Matrix: Water
Analysis Batch: 4681

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	0.000951	J	mg/L		95	50 - 150
Uranium	0.000500	0.000501		mg/L		100	50 - 150

Lab Sample ID: MRL 885-4681/11
Matrix: Water
Analysis Batch: 4681

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	0.000496	J	mg/L		99	50 - 150

Lab Sample ID: MRL 885-4817/10
Matrix: Water
Analysis Batch: 4817

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	0.000908	J	mg/L		91	50 - 150
Uranium	0.000500	0.000491	J	mg/L		98	50 - 150

Lab Sample ID: MRL 885-4817/11
Matrix: Water
Analysis Batch: 4817

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	0.000529		mg/L		106	50 - 150

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
Uranium	0.000500	0.000502		mg/L		100	50 - 150

QC Sample Results

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

Job ID: 885-3807-1

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

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: MRL 885-5237/10
Matrix: Water
Analysis Batch: 5237

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	0.00121		mg/L		121	50 - 150
Uranium	0.000500	0.000508		mg/L		102	50 - 150

Lab Sample ID: MRL 885-5237/11
Matrix: Water
Analysis Batch: 5237

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	0.000517		mg/L		103	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
Uranium	ND		0.00050		mg/L			05/21/24 11:45	1
Arsenic	ND		0.00050		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
Uranium	0.0125	0.0126		mg/L		101	85 - 115
Arsenic	0.0250	0.0254		mg/L		102	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
Uranium	0.000500	0.000499	J	mg/L		100	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

QC Sample Results

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

Job ID: 885-3807-1

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

Lab Sample ID: MB 885-5671/75
Matrix: Water
Analysis Batch: 5671

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			05/26/24 10:06	1
Uranium	ND		0.00050		mg/L			05/26/24 10:06	1
Arsenic	ND		0.00050		mg/L			05/26/24 10:06	1

Lab Sample ID: LCS 885-5671/76
Matrix: Water
Analysis Batch: 5671

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	0.0246		mg/L		98	85 - 115		
Uranium			0.0125	0.0124		mg/L		99	85 - 115		
Arsenic			0.0250	0.0245		mg/L		98	85 - 115		

Lab Sample ID: LCSD 885-5671/77
Matrix: Water
Analysis Batch: 5671

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium			0.0250	0.0260		mg/L		104	85 - 115	5	20
Uranium			0.0125	0.0121		mg/L		97	85 - 115	2	20
Arsenic			0.0250	0.0246		mg/L		98	85 - 115	0	20

Lab Sample ID: MRL 885-5671/73
Matrix: Water
Analysis Batch: 5671

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	0.00130		mg/L		130	50 - 150		
Uranium			0.000500	0.000502		mg/L		100	50 - 150		

Lab Sample ID: MRL 885-5671/74
Matrix: Water
Analysis Batch: 5671

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	0.000470	J	mg/L		94	50 - 150		

Lab Sample ID: MB 885-4427/1-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0010		mg/L		05/06/24 14:10	05/08/24 13:47	1
Uranium	ND		0.00050		mg/L		05/06/24 14:10	05/08/24 13:47	1
Arsenic	ND		0.00050		mg/L		05/06/24 14:10	05/08/24 13:47	1

QC Sample Results

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

Job ID: 885-3807-1

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

Lab Sample ID: LCS 885-4427/6-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.0250	0.0245		mg/L		98	85 - 115
Uranium	0.0125	0.0113		mg/L		90	85 - 115
Arsenic	0.0250	0.0240		mg/L		96	85 - 115

Lab Sample ID: LLCS 885-4427/4-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.00108		mg/L		108	50 - 150
Uranium	0.000500	0.000468	J	mg/L		94	50 - 150

Lab Sample ID: LLCS 885-4427/5-A
Matrix: Water
Analysis Batch: 4660

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4427

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000410	J	mg/L		82	50 - 150

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 885-4397/12-A
Matrix: Water
Analysis Batch: 4597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4397

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		05/06/24 10:14	05/08/24 11:16	1

Lab Sample ID: LCS 885-4397/14-A
Matrix: Water
Analysis Batch: 4597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00484		mg/L		97	85 - 115

Lab Sample ID: LLCS 885-4397/13-A
Matrix: Water
Analysis Batch: 4597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4397

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	0.0000939	J	mg/L		63	50 - 150

Lab Sample ID: MRL 885-4397/9-A
Matrix: Water
Analysis Batch: 4597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4397

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	ND		mg/L		74	50 - 150

QC Sample Results

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

Job ID: 885-3807-1

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

Lab Sample ID: MB 885-4400/1
Matrix: Water
Analysis Batch: 4400

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			05/06/24 10:19	1

Lab Sample ID: LCS 885-4400/2
Matrix: Water
Analysis Batch: 4400

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: 885-3807-2 DU
Matrix: Water
Analysis Batch: 4400

Client Sample ID: MW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	14000			13900		mg/L				1	10

QC Association Summary

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

Job ID: 885-3807-1

GC/MS VOA

Analysis Batch: 4552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	8260B	
885-3807-2	MW-2	Total/NA	Water	8260B	
885-3807-3	MW-3	Total/NA	Water	8260B	
885-3807-4	MW-4	Total/NA	Water	8260B	
885-3807-5	Trip Blank	Total/NA	Water	8260B	
MB 885-4552/3	Method Blank	Total/NA	Water	8260B	
LCS 885-4552/2	Lab Control Sample	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 4305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	300.0	
885-3807-2	MW-2	Total/NA	Water	300.0	
885-3807-3	MW-3	Total/NA	Water	300.0	
885-3807-3	MW-3	Total/NA	Water	300.0	
885-3807-4	MW-4	Total/NA	Water	300.0	
MB 885-4305/21	Method Blank	Total/NA	Water	300.0	
MB 885-4305/74	Method Blank	Total/NA	Water	300.0	
LCS 885-4305/22	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-4305/75	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-4305/73	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 4335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	300.0	
885-3807-2	MW-2	Total/NA	Water	300.0	
885-3807-3	MW-3	Total/NA	Water	300.0	
885-3807-4	MW-4	Total/NA	Water	300.0	
MB 885-4335/4	Method Blank	Total/NA	Water	300.0	
MB 885-4335/75	Method Blank	Total/NA	Water	300.0	
LCS 885-4335/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-4335/76	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-4335/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 4540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	300.0	
885-3807-2	MW-2	Total/NA	Water	300.0	
885-3807-3	MW-3	Total/NA	Water	300.0	
885-3807-4	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
885-3807-1	MW-1	Total/NA	Water	300.0	
885-3807-4	MW-4	Total/NA	Water	300.0	
MB 885-4551/4	Method Blank	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 885-3807-1

HPLC/IC (Continued)

Analysis Batch: 4551 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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
885-3807-1	MW-1	Dissolved	Water	200.7 Rev 4.4	
885-3807-2	MW-2	Dissolved	Water	200.7 Rev 4.4	
885-3807-3	MW-3	Dissolved	Water	200.7 Rev 4.4	
885-3807-4	MW-4	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	

Prep Batch: 4397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	245.1	
885-3807-2	MW-2	Total/NA	Water	245.1	
885-3807-3	MW-3	Total/NA	Water	245.1	
885-3807-4	MW-4	Total/NA	Water	245.1	
MB 885-4397/12-A	Method Blank	Total/NA	Water	245.1	
LCS 885-4397/14-A	Lab Control Sample	Total/NA	Water	245.1	
LLCS 885-4397/13-A	Lab Control Sample	Total/NA	Water	245.1	
MRL 885-4397/9-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 4427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total Recoverable	Water	200.2	
885-3807-2	MW-2	Total Recoverable	Water	200.2	
885-3807-3	MW-3	Total Recoverable	Water	200.2	
885-3807-4	MW-4	Total Recoverable	Water	200.2	
MB 885-4427/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-4427/3-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCS 885-4427/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-4427/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-4427/4-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-4427/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 4550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	4427
885-3807-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	4427
885-3807-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	4427
885-3807-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	4427
MB 885-4427/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	4427
LCS 885-4427/3-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	4427
LLCS 885-4427/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	4427
MRL 885-4550/15	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

QC Association Summary

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

Job ID: 885-3807-1

Metals

Analysis Batch: 4597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	245.1	4397
885-3807-2	MW-2	Total/NA	Water	245.1	4397
885-3807-3	MW-3	Total/NA	Water	245.1	4397
885-3807-4	MW-4	Total/NA	Water	245.1	4397
MB 885-4397/12-A	Method Blank	Total/NA	Water	245.1	4397
LCS 885-4397/14-A	Lab Control Sample	Total/NA	Water	245.1	4397
LLCS 885-4397/13-A	Lab Control Sample	Total/NA	Water	245.1	4397
MRL 885-4397/9-A	Lab Control Sample	Total/NA	Water	245.1	4397

Analysis Batch: 4660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4427/1-A	Method Blank	Total Recoverable	Water	200.8	4427
LCS 885-4427/6-A	Lab Control Sample	Total Recoverable	Water	200.8	4427
LLCS 885-4427/4-A	Lab Control Sample	Total Recoverable	Water	200.8	4427
LLCS 885-4427/5-A	Lab Control Sample	Total Recoverable	Water	200.8	4427

Analysis Batch: 4681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-2	MW-2	Total Recoverable	Water	200.8	4427
885-3807-3	MW-3	Total Recoverable	Water	200.8	4427
885-3807-4	MW-4	Total Recoverable	Water	200.8	4427
MRL 885-4681/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-4681/11	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 4817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total Recoverable	Water	200.8	4427
885-3807-2	MW-2	Total Recoverable	Water	200.8	4427
885-3807-3	MW-3	Total Recoverable	Water	200.8	4427
885-3807-4	MW-4	Total Recoverable	Water	200.8	4427
MRL 885-4817/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-4817/11	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 5081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total Recoverable	Water	200.8	4427
885-3807-2	MW-2	Total Recoverable	Water	200.8	4427
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: 5237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-3	MW-3	Total Recoverable	Water	200.8	4427
MRL 885-5237/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5237/11	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 5373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-2	MW-2	Dissolved	Water	200.8	
885-3807-3	MW-3	Dissolved	Water	200.8	
885-3807-4	MW-4	Dissolved	Water	200.8	

QC Association Summary

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

Job ID: 885-3807-1

Metals (Continued)

Analysis Batch: 5373 (Continued)

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	

Analysis Batch: 5671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Dissolved	Water	200.8	
885-3807-2	MW-2	Dissolved	Water	200.8	
885-3807-3	MW-3	Dissolved	Water	200.8	
885-3807-4	MW-4	Dissolved	Water	200.8	
MB 885-5671/75	Method Blank	Total/NA	Water	200.8	
LCS 885-5671/76	Lab Control Sample	Total/NA	Water	200.8	
LCSD 885-5671/77	Lab Control Sample Dup	Total/NA	Water	200.8	
MRL 885-5671/73	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-5671/74	Lab Control Sample	Total/NA	Water	200.8	

General Chemistry

Analysis Batch: 4400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3807-1	MW-1	Total/NA	Water	2540C	
885-3807-2	MW-2	Total/NA	Water	2540C	
885-3807-3	MW-3	Total/NA	Water	2540C	
885-3807-4	MW-4	Total/NA	Water	2540C	
MB 885-4400/1	Method Blank	Total/NA	Water	2540C	
LCS 885-4400/2	Lab Control Sample	Total/NA	Water	2540C	
885-3807-2 DU	MW-2	Total/NA	Water	2540C	

Lab Chronicle

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

Job ID: 885-3807-1

Client Sample ID: MW-1

Date Collected: 05/01/24 09:11
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	4552	JR	EET ALB	05/07/24 16:10
Total/NA	Analysis	300.0		2000	4540	SS	EET ALB	05/07/24 23:19
Total/NA	Analysis	300.0		100	4551	SS	EET ALB	05/08/24 00:10
Total/NA	Analysis	300.0		20	4305	MA	EET ALB	05/03/24 00:55
Total/NA	Analysis	300.0		20	4335	SS	EET ALB	05/03/24 00:55
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 08:39
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.7 Rev 4.4		5	4550	JR	EET ALB	05/07/24 17:21
Dissolved	Analysis	200.8		5	5671	BV	EET ALB	05/26/24 10:16
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	4817	BV	EET ALB	05/12/24 10:29
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	5081	BV	EET ALB	05/15/24 15:26
Total/NA	Prep	245.1			4397	JR	EET ALB	05/06/24 10:14
Total/NA	Analysis	245.1		1	4597	JR	EET ALB	05/08/24 12:22
Total/NA	Analysis	2540C		1	4400	KB	EET ALB	05/06/24 10:19

Client Sample ID: MW-2

Date Collected: 05/01/24 10:00
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	4552	JR	EET ALB	05/07/24 16:38
Total/NA	Analysis	300.0		500	4540	SS	EET ALB	05/07/24 23:32
Total/NA	Analysis	300.0		20	4305	MA	EET ALB	05/03/24 01:19
Total/NA	Analysis	300.0		20	4335	SS	EET ALB	05/03/24 01:19
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 08:42
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.7 Rev 4.4		5	4550	JR	EET ALB	05/07/24 17:24
Dissolved	Analysis	200.8		1	5373	BV	EET ALB	05/21/24 11:52
Dissolved	Analysis	200.8		5	5671	BV	EET ALB	05/26/24 10:19
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		1	4681	BV	EET ALB	05/08/24 16:51
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	4817	BV	EET ALB	05/12/24 10:41
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	5081	BV	EET ALB	05/15/24 15:30
Total/NA	Prep	245.1			4397	JR	EET ALB	05/06/24 10:14
Total/NA	Analysis	245.1		1	4597	JR	EET ALB	05/08/24 12:25
Total/NA	Analysis	2540C		1	4400	KB	EET ALB	05/06/24 10:19

Lab Chronicle

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

Job ID: 885-3807-1

Client Sample ID: MW-3

Date Collected: 05/01/24 07:47
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	4552	JR	EET ALB	05/07/24 17:07
Total/NA	Analysis	300.0		500	4540	SS	EET ALB	05/07/24 23:45
Total/NA	Analysis	300.0		1	4305	MA	EET ALB	05/03/24 01:32
Total/NA	Analysis	300.0		20	4305	MA	EET ALB	05/03/24 01:44
Total/NA	Analysis	300.0		20	4335	SS	EET ALB	05/03/24 01:44
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 08:44
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.7 Rev 4.4		1	4550	JR	EET ALB	05/07/24 17:26
Dissolved	Analysis	200.8		1	5373	BV	EET ALB	05/21/24 11:54
Dissolved	Analysis	200.8		5	5671	BV	EET ALB	05/26/24 10:22
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		1	4681	BV	EET ALB	05/08/24 16:54
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	4817	BV	EET ALB	05/12/24 10:44
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	5237	BV	EET ALB	05/17/24 11:39
Total/NA	Prep	245.1			4397	JR	EET ALB	05/06/24 10:14
Total/NA	Analysis	245.1		1	4597	JR	EET ALB	05/08/24 12:27
Total/NA	Analysis	2540C		1	4400	KB	EET ALB	05/06/24 10:19

Client Sample ID: MW-4

Date Collected: 05/01/24 08:28
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	4552	JR	EET ALB	05/07/24 17:35
Total/NA	Analysis	300.0		2000	4540	SS	EET ALB	05/07/24 23:57
Total/NA	Analysis	300.0		100	4551	SS	EET ALB	05/08/24 00:23
Total/NA	Analysis	300.0		20	4305	MA	EET ALB	05/03/24 02:09
Total/NA	Analysis	300.0		20	4335	SS	EET ALB	05/03/24 02:09
Dissolved	Analysis	200.7 Rev 4.4		1	4392	VP	EET ALB	05/06/24 08:54
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.7 Rev 4.4		5	4550	JR	EET ALB	05/07/24 17:31
Dissolved	Analysis	200.8		1	5373	BV	EET ALB	05/21/24 11:57
Dissolved	Analysis	200.8		5	5671	BV	EET ALB	05/26/24 10:25
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		1	4681	BV	EET ALB	05/08/24 16:57
Total Recoverable	Prep	200.2			4427	JF	EET ALB	05/06/24 14:10
Total Recoverable	Analysis	200.8		5	4817	BV	EET ALB	05/12/24 10:47
Total/NA	Prep	245.1			4397	JR	EET ALB	05/06/24 10:14
Total/NA	Analysis	245.1		1	4597	JR	EET ALB	05/08/24 12:30
Total/NA	Analysis	2540C		1	4400	KB	EET ALB	05/06/24 10:19

Lab Chronicle

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

Job ID: 885-3807-1

Client Sample ID: Trip Blank

Date Collected: 05/01/24 00:00
Date Received: 05/02/24 07:55

Lab Sample ID: 885-3807-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	4552	JR	EET ALB	05/07/24 18:04

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 885-3807-1

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

885-3807 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 Scripp Pit

Project # 5375

Project Manager W Kierdorf

Sampler: W. KIERDORF
On Ice: ~~☐ Yes~~ ☐ No
# of Coolers: 1 40°F
Cooler Temp(including CF): -2.1-0.2=2.1

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
5/1/24	0911	AQ	MW-1	SEE NOTES	SEE NOTES					X
	1000		MW-2							
	0747		MW-3							
	0828		MW-4							
	—		TRIP BLANK	2x 40mL VOAs	HCL/ICE					

Date	Time	Relinquished by	Received by	Via	Date	Time
5/1/24	1222				5/1/24	1822
5/1/24	1900				5/2/24	7:55

Remarks Bill to EOG Midland attn Chase Settle
3x 40mL VOAs, 1x500mL PLASTIC, 1x250mL PLASTIC (HNO3)+
1x 125mL PLASTIC (HNO3) Not Frozen on 5/2/24

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

2 of 2

Scripp Pit Analysis Request

- Arsenic
- Benzene, TOLUENE, ETHYLBENZENE & XYLENES (BTEX)
- Beryllium
- Boron
- Chloride
- Fluoride
- Manganese
- Mercury
- Nitrate*
- Nitrite*
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids
- Uranium

*Reported separately

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc Job Number: 885-3807-1

Login Number: 3807 **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	Samples not Frozen
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.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/11/2024 9:35:21 PM

JOB DESCRIPTION

Scripp Pit

JOB NUMBER

885-12641-1

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

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

Laboratory Job ID: 885-12641-1

Table of Contents

Definitions/Glossary

Client: Ranger Environmental Services, Inc Job ID: 885-12641-1
Project/Site: Scripp 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: 885-12641-1
Project: Scripp Pit

Job ID: 885-12641-1 Eurofins Albuquerque

Job Narrative
885-12641-1

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 9/26/2024 8:00 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 2.2°C.

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

HPLC/IC
Method 300_OF_28D_PREC: The following samples were diluted due to the nature of the sample matrix: MW-1 (885-12641-1), MW-2 (885-12641-2), MW-3 (885-12641-3) and MW-4 (885-12641-4). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: Reanalysis of the following sample was performed outside of the analytical holding time due to sample needed additional dilutions : MW-3 (885-12641-3).

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: Scripp Pit

Job ID: 885-12641-1

Client Sample ID: MW-1

Date Collected: 09/25/24 10:04
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			10/06/24 20:48	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 20:48	1
Toluene	ND		1.0		ug/L			10/06/24 20:48	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*10/06/24 20:48*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*10/06/24 20:48*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*10/06/24 20:48*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/06/24 20:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15000**		1000		mg/L			10/02/24 16:27	2000
Nitrate	**27**		2.0		mg/L			09/26/24 22:30	20
Fluoride	ND		2.0		mg/L			09/26/24 22:30	20
Nitrite	ND		5.0		mg/L			09/27/24 08:15	50
Sulfate	**1500**		1000		mg/L			10/02/24 16:27	2000

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.010		mg/L		09/28/24 11:19	10/01/24 15:22	5
Boron	**0.28**		0.20		mg/L		09/28/24 11:19	10/01/24 15:22	5
Manganese	ND		0.010		mg/L		09/28/24 11:19	10/01/24 15:22	5
Silver	ND		0.025		mg/L		09/28/24 11:19	10/01/24 15:22	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.020		mg/L			09/27/24 14:44	1
Manganese	**0.0024**		0.0020		mg/L			09/27/24 14:44	1
Silver	**0.085**		0.0050		mg/L			09/27/24 14:44	1
Boron	**0.23**		0.040		mg/L			09/27/24 14:44	1
Beryllium	ND		0.020		mg/L			09/27/24 14:36	10

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.010**		0.00050		mg/L		09/28/24 11:19	10/01/24 11:38	1
Selenium	**0.097**		0.0050		mg/L		09/28/24 11:19	10/01/24 11:52	5
Uranium	**0.033**		0.0025		mg/L		09/28/24 11:19	10/01/24 11:52	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			09/28/24 11:56	5
Selenium	**0.093**		0.0050		mg/L			09/28/24 11:56	5
Uranium	**0.032**		0.0025		mg/L			09/28/24 11:56	5

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/30/24 10:08	10/01/24 15:52	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-1

Date Collected: 09/25/24 10:04
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-1

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	38000		2500		mg/L			10/01/24 14:50	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-2

Date Collected: 09/25/24 09:28
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			10/06/24 21:12	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 21:12	1
Toluene	ND		1.0		ug/L			10/06/24 21:12	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*10/06/24 21:12*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*10/06/24 21:12*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*10/06/24 21:12*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/06/24 21:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4600**		250		mg/L			10/02/24 16:40	500
Nitrate	**1.9**		0.10		mg/L			09/26/24 22:46	1
Fluoride	ND		2.0		mg/L			09/26/24 23:01	20
Nitrite	ND		5.0		mg/L			09/27/24 08:28	50
Sulfate	**2200**		250		mg/L			10/02/24 16:40	500

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		09/28/24 11:19	10/01/24 15:24	1
Boron	**0.46**		0.040		mg/L		09/28/24 11:19	10/01/24 15:24	1
Manganese	**0.0098**		0.0020		mg/L		09/28/24 11:19	10/01/24 15:24	1
Silver	ND		0.0050		mg/L		09/28/24 11:19	10/01/24 15:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.20		mg/L			09/27/24 14:52	10
Manganese	ND		0.0020		mg/L			09/27/24 14:50	1
Silver	**0.027**		0.0050		mg/L			09/27/24 14:50	1
Boron	**0.41**		0.040		mg/L			09/27/24 14:50	1
Beryllium	**0.0023**		0.0020		mg/L			09/27/24 14:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0028**		0.00050		mg/L		09/28/24 11:19	10/01/24 11:41	1
Selenium	**0.017**		0.0010		mg/L		09/28/24 11:19	10/01/24 11:41	1
Uranium	**0.014**		0.00050		mg/L		09/28/24 11:19	10/01/24 11:41	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			09/28/24 11:49	1
Selenium	**0.016**		0.0010		mg/L			09/28/24 11:49	1
Uranium	**0.013**		0.00050		mg/L			09/28/24 11:49	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/30/24 10:08	10/01/24 15:54	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-2

Date Collected: 09/25/24 09:28
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-2

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	13000		1000		mg/L			10/01/24 14:50	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-3
Date Collected: 09/25/24 08:21
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-3
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			10/06/24 21:36	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 21:36	1
Toluene	ND		1.0		ug/L			10/06/24 21:36	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*10/06/24 21:36*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*10/06/24 21:36*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*10/06/24 21:36*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/06/24 21:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4400**		250		mg/L			10/02/24 16:53	500
Nitrate	**0.12**		0.10		mg/L			09/26/24 23:16	1
Fluoride	ND		2.0		mg/L			09/26/24 23:31	20
Nitrite	ND	H	5.0		mg/L			09/27/24 08:40	50
Sulfate	**2000**		250		mg/L			10/02/24 16:53	500

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020		mg/L		09/28/24 11:19	10/01/24 15:41	1
Boron	**0.34**		0.040		mg/L		09/28/24 11:19	10/01/24 15:41	1
Manganese	**0.23**		0.0020		mg/L		09/28/24 11:19	10/01/24 15:41	1
Silver	ND		0.0050		mg/L		09/28/24 11:19	10/01/24 15:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.020		mg/L			09/27/24 14:54	1
Manganese	**0.039**		0.0020		mg/L			09/27/24 14:54	1
Silver	**0.026**		0.0050		mg/L			09/27/24 14:54	1
Boron	**0.31**		0.040		mg/L			09/27/24 14:54	1
Beryllium	ND		0.0020		mg/L			09/27/24 14:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.013**		0.00050		mg/L		09/28/24 11:19	10/01/24 11:44	1
Selenium	**0.016**		0.0010		mg/L		09/28/24 11:19	10/01/24 11:44	1
Uranium	**0.015**		0.00050		mg/L		09/28/24 11:19	10/01/24 11:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0014**		0.00050		mg/L			09/28/24 11:51	1
Selenium	**0.0089**		0.0010		mg/L			09/28/24 11:51	1
Uranium	**0.014**		0.00050		mg/L			09/28/24 11:51	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/30/24 10:08	10/01/24 15:57	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-3

Date Collected: 09/25/24 08:21
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-3

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	12000		1000		mg/L			10/01/24 14:50	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-4

Date Collected: 09/25/24 08:54
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.3**		1.0		ug/L			10/06/24 22:01	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 22:01	1
Toluene	ND		1.0		ug/L			10/06/24 22:01	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*10/06/24 22:01*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*10/06/24 22:01*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*10/06/24 22:01*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*10/06/24 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21000**		1000		mg/L			10/02/24 17:19	2000
Nitrate	**4.8**		2.0		mg/L			09/27/24 02:03	20
Fluoride	ND		2.0		mg/L			09/27/24 02:03	20
Nitrite	ND		5.0		mg/L			09/27/24 08:52	50
Sulfate	**2500**		50		mg/L			10/02/24 17:06	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		09/28/24 11:19	10/01/24 15:46	5
Boron	**0.89**		0.20		mg/L		09/28/24 11:19	10/01/24 15:46	5
Manganese	**1.9**		0.010		mg/L		09/28/24 11:19	10/01/24 15:46	5
Silver	ND		0.025		mg/L		09/28/24 11:19	10/01/24 15:46	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.020		mg/L			09/27/24 14:58	1
Manganese	**0.042**		0.0020		mg/L			09/27/24 14:58	1
Silver	**0.065**		0.0050		mg/L			09/27/24 14:58	1
Boron	**0.76**		0.040		mg/L			09/27/24 14:58	1
Beryllium	**0.0027**		0.0020		mg/L			09/27/24 14:58	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0093**		0.00050		mg/L		09/28/24 11:19	10/01/24 11:46	1
Selenium	**0.0095**		0.0010		mg/L		09/28/24 11:19	10/01/24 11:46	1
Uranium	**0.019**		0.0025		mg/L		09/28/24 11:19	10/04/24 09:47	5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0028**		0.0025		mg/L			09/28/24 11:59	5
Selenium	**0.0096**		0.0050		mg/L			09/28/24 11:59	5
Uranium	**0.018**		0.0025		mg/L			09/28/24 11:59	5

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00063**		0.00020		mg/L		09/30/24 10:08	10/01/24 15:59	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: MW-4

Date Collected: 09/25/24 08:54
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-4

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	48000		2500		mg/L			10/01/24 14:50	1

Client Sample Results

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

Job ID: 885-12641-1

Client Sample ID: Trip Blank

Date Collected: 09/25/24 00:00
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-5

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			10/06/24 22:25	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 22:25	1
Toluene	ND		1.0		ug/L			10/06/24 22:25	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*10/06/24 22:25*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*10/06/24 22:25*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*10/06/24 22:25*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/06/24 22:25*	*1*

QC Sample Results

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

Job ID: 885-12641-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-13755/6
Matrix: Water
Analysis Batch: 13755

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			10/06/24 17:30	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 17:30	1
Toluene	ND		1.0		ug/L			10/06/24 17:30	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 17:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*10/06/24 17:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*10/06/24 17:30*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*10/06/24 17:30*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*10/06/24 17:30*	*1*

Lab Sample ID: STOBLK 885-13755/19
Matrix: Water
Analysis Batch: 13755

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

Analyte	STOBLK Result	STOBLK Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			10/06/24 22:49	1
Ethylbenzene	ND		1.0		ug/L			10/06/24 22:49	1
Toluene	ND		1.0		ug/L			10/06/24 22:49	1
Xylenes, Total	ND		1.5		ug/L			10/06/24 22:49	1

Surrogate	*STOBLK %Recovery*	*STOBLK Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*10/06/24 22:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*10/06/24 22:49*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*10/06/24 22:49*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*10/06/24 22:49*	*1*

Lab Sample ID: LCS 885-13755/5
Matrix: Water
Analysis Batch: 13755

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.1	22.4		ug/L		111	70 - 130		
Toluene			20.2	20.2		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

QC Sample Results

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

Job ID: 885-12641-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-13143/4
Matrix: Water
Analysis Batch: 13143

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			09/26/24 08:26	1
Fluoride	ND		0.10		mg/L			09/26/24 08:26	1
Sulfate	ND		0.50		mg/L			09/26/24 08:26	1

Lab Sample ID: MB 885-13143/62
Matrix: Water
Analysis Batch: 13143

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	ND		0.10		mg/L			09/27/24 00:16	1

Lab Sample ID: LCS 885-13143/5
Matrix: Water
Analysis Batch: 13143

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	4.79		mg/L		96	90 - 110		
Fluoride			0.500	0.527		mg/L		105	90 - 110		
Sulfate			10.0	9.52		mg/L		95	90 - 110		

Lab Sample ID: LCS 885-13143/63
Matrix: Water
Analysis Batch: 13143

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			0.500	0.539		mg/L		108	90 - 110		

Lab Sample ID: MRL 885-13143/3
Matrix: Water
Analysis Batch: 13143

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	0.535		mg/L		107	50 - 150		
Fluoride			0.100	0.107		mg/L		107	50 - 150		
Sulfate			0.500	0.508		mg/L		102	50 - 150		

Lab Sample ID: MB 885-13178/4
Matrix: Water
Analysis Batch: 13178

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			09/26/24 08:26	1
Nitrite	ND		0.10		mg/L			09/26/24 08:26	1

Lab Sample ID: MB 885-13178/62
Matrix: Water
Analysis Batch: 13178

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 00:16	1

QC Sample Results

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

Job ID: 885-12641-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 885-13178/5
Matrix: Water
Analysis Batch: 13178

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	0.966		mg/L		97	90 - 110

Lab Sample ID: LCS 885-13178/63
Matrix: Water
Analysis Batch: 13178

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	2.56		mg/L		102	90 - 110

Lab Sample ID: MRL 885-13178/3
Matrix: Water
Analysis Batch: 13178

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	0.0999	0.104		mg/L		104	50 - 150

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

Lab Sample ID: MB 885-13235/45
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 13:12	1
Nitrite	ND		0.10	mg/L			09/27/24 13:12	1

Lab Sample ID: LCS 885-13235/20
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	0.951		mg/L		95	90 - 110

Lab Sample ID: LCS 885-13235/46
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	2.40		mg/L		96	90 - 110
Nitrite	1.00	0.934		mg/L		93	90 - 110

QC Sample Results

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

Job ID: 885-12641-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

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 885-13575/30
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 14:19	1
Fluoride	ND		0.10	mg/L			10/02/24 14:19	1
Sulfate	ND		0.50	mg/L			10/02/24 14:19	1

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 885-13575/31
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	4.79		mg/L		96	90 - 110
Fluoride	0.500	0.509		mg/L		102	90 - 110
Sulfate	10.0	9.16		mg/L		92	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

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 885-13232/40
Matrix: Water
Analysis Batch: 13232

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.020	mg/L			09/27/24 13:53	1
Manganese	ND		0.0020	mg/L			09/27/24 13:53	1
Silver	ND		0.0050	mg/L			09/27/24 13:53	1
Boron	ND		0.040	mg/L			09/27/24 13:53	1

QC Sample Results

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

Job ID: 885-12641-1

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

Lab Sample ID: MB 885-13232/40
Matrix: Water
Analysis Batch: 13232

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			09/27/24 13:53	1

Lab Sample ID: LCS 885-13232/42
Matrix: Water
Analysis Batch: 13232

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			0.500	0.541		mg/L		108	85 - 115		
Manganese			0.500	0.548		mg/L		110	85 - 115		
Silver			0.500	0.552		mg/L		110	85 - 115		
Boron			0.500	0.539		mg/L		108	85 - 115		
Beryllium			0.500	0.545		mg/L		109	85 - 115		

Lab Sample ID: LLCS 885-13232/41
Matrix: Water
Analysis Batch: 13232

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			0.0200	0.0161	J	mg/L		80	50 - 150		
Manganese			0.00200	0.00201		mg/L		101	50 - 150		
Silver			0.00500	0.00625		mg/L		125	50 - 150		
Boron			0.0400	0.0403		mg/L		101	50 - 150		
Beryllium			0.00200	0.00218		mg/L		109	50 - 150		

Lab Sample ID: MRL 885-13232/37
Matrix: Water
Analysis Batch: 13232

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			0.0200	0.0210	J	mg/L		105	50 - 150		
Manganese			0.00200	0.00185	J	mg/L		93	50 - 150		
Silver			0.00500	0.00520		mg/L		104	50 - 150		
Boron			0.0400	0.0375	J	mg/L		94	50 - 150		
Beryllium			0.00200	0.00192	J	mg/L		96	50 - 150		

Lab Sample ID: MRL 885-13463/14
Matrix: Water
Analysis Batch: 13463

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	0.00179	J	mg/L		90	50 - 150		
Silver			0.00500	0.00496	J	mg/L		99	50 - 150		
Boron			0.0400	0.0381	J	mg/L		95	50 - 150		
Beryllium			0.00200	0.00182	J	mg/L		91	50 - 150		

QC Sample Results

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

Job ID: 885-12641-1

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

Lab Sample ID: MRL 885-13464/26
Matrix: Water
Analysis Batch: 13464

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	0.00523		mg/L		105	50 - 150
Boron	0.0400	0.0379	J	mg/L		95	50 - 150
Beryllium	0.00200	0.00162	J	mg/L		81	50 - 150

Lab Sample ID: MB 885-13236/1-A
Matrix: Water
Analysis Batch: 13463

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		0.0020	mg/L		09/28/24 11:19	10/01/24 10:45	1
Silver	ND		0.0050	mg/L		09/28/24 11:19	10/01/24 10:45	1
Boron	ND		0.040	mg/L		09/28/24 11:19	10/01/24 10:45	1
Beryllium	ND		0.0020	mg/L		09/28/24 11:19	10/01/24 10:45	1

Lab Sample ID: LCS 885-13236/6-A
Matrix: Water
Analysis Batch: 13463

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.467		mg/L		93	85 - 115
Silver	0.100	0.0894		mg/L		89	85 - 115
Boron	0.500	0.492		mg/L		98	85 - 115
Beryllium	0.500	0.490		mg/L		98	85 - 115

Lab Sample ID: LLCS 885-13236/5-A
Matrix: Water
Analysis Batch: 13463

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.00200	0.00176	J	mg/L		88	50 - 150
Silver	0.00500	0.00473	J	mg/L		95	50 - 150
Boron	0.0400	0.0378	J	mg/L		95	50 - 150
Beryllium	0.00200	0.00183	J	mg/L		92	50 - 150

Lab Sample ID: 885-12641-1 MS
Matrix: Water
Analysis Batch: 13232

Client Sample ID: MW-1
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	ND		0.500	0.438		mg/L		88	70 - 130
Manganese	0.0024		0.500	0.404		mg/L		80	70 - 130
Silver	0.085		0.500	0.590		mg/L		101	70 - 130
Boron	0.23		0.500	0.715		mg/L		97	70 - 130

QC Sample Results

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

Job ID: 885-12641-1

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

Lab Sample ID: 885-12641-1 MSD
Matrix: Water
Analysis Batch: 13232

Client Sample ID: MW-1
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	ND		0.500	0.436		mg/L		87	70 - 130	1	20
Manganese	0.0024		0.500	0.400		mg/L		79	70 - 130	1	20
Silver	0.085		0.500	0.586		mg/L		100	70 - 130	1	20
Boron	0.23		0.500	0.697		mg/L		93	70 - 130	3	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 885-13293/19
Matrix: Water
Analysis Batch: 13293

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			09/28/24 10:58	1
Selenium	ND		0.0010		mg/L			09/28/24 10:58	1
Uranium	ND		0.00050		mg/L			09/28/24 10:58	1

Lab Sample ID: LCS 885-13293/20
Matrix: Water
Analysis Batch: 13293

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	0.0250		mg/L		100	85 - 115		
Selenium			0.0250	0.0253		mg/L		101	85 - 115		
Uranium			0.0125	0.0129		mg/L		103	85 - 115		

Lab Sample ID: MRL 885-13293/10
Matrix: Water
Analysis Batch: 13293

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	0.000498	J	mg/L		100	50 - 150		

Lab Sample ID: MRL 885-13293/9
Matrix: Water
Analysis Batch: 13293

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	0.000886	J	mg/L		89	50 - 150		
Uranium			0.000500	0.000501		mg/L		100	50 - 150		

Lab Sample ID: MRL 885-13403/10
Matrix: Water
Analysis Batch: 13403

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	0.000516	J	mg/L		52	50 - 150		
Uranium			0.000500	0.000509		mg/L		102	50 - 150		

QC Sample Results

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

Job ID: 885-12641-1

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

Lab Sample ID: MRL 885-13403/12
Matrix: Water
Analysis Batch: 13403

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	0.000553		mg/L		111	50 - 150

Lab Sample ID: MRL 885-13702/10
Matrix: Water
Analysis Batch: 13702

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	0.000648	J	mg/L		65	50 - 150
Uranium	0.000500	0.000516		mg/L		103	50 - 150

Lab Sample ID: MRL 885-13702/12
Matrix: Water
Analysis Batch: 13702

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	0.000558		mg/L		112	50 - 150

Lab Sample ID: MB 885-13236/1-A
Matrix: Water
Analysis Batch: 13553

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.00050		mg/L		09/28/24 11:19	10/02/24 15:09	1
Selenium	ND		0.0010		mg/L		09/28/24 11:19	10/02/24 15:09	1
Uranium	ND		0.00050		mg/L		09/28/24 11:19	10/02/24 15:09	1

Lab Sample ID: LCS 885-13236/4-A
Matrix: Water
Analysis Batch: 13553

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0250	0.0245		mg/L		98	85 - 115
Selenium	0.0250	0.0245		mg/L		98	85 - 115
Uranium	0.0125	0.0132		mg/L		106	85 - 115

Lab Sample ID: LLCS 885-13236/2-A
Matrix: Water
Analysis Batch: 13553

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.000825	J	mg/L		82	50 - 150
Uranium	0.000500	0.000529		mg/L		106	50 - 150

Lab Sample ID: LLCS 885-13236/3-A
Matrix: Water
Analysis Batch: 13553

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 13236

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000559		mg/L		112	50 - 150

QC Sample Results

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

Job ID: 885-12641-1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MRL 885-13287/11-A
Matrix: Water
Analysis Batch: 13462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13287

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	0.000123	J	mg/L		82	50 - 150

Lab Sample ID: MB 885-13291/1-A
Matrix: Water
Analysis Batch: 13462

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13291

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/30/24 10:08	10/01/24 13:05	1

Lab Sample ID: LCS 885-13291/3-A
Matrix: Water
Analysis Batch: 13462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00550		mg/L		110	85 - 115

Lab Sample ID: LLCS 885-13291/2-A
Matrix: Water
Analysis Batch: 13462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13291

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	0.000138	J	mg/L		92	50 - 150

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

Lab Sample ID: MB 885-13402/1
Matrix: Water
Analysis Batch: 13402

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			10/01/24 14:50	1

Lab Sample ID: LCS 885-13402/2
Matrix: Water
Analysis Batch: 13402

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	1000		mg/L		100	80 - 120

QC Association Summary

Client: Ranger Environmental Services, Inc Job ID: 885-12641-1
Project/Site: Scripp Pit

GC/MS VOA

Analysis Batch: 13755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	8260B	
885-12641-2	MW-2	Total/NA	Water	8260B	
885-12641-3	MW-3	Total/NA	Water	8260B	
885-12641-4	MW-4	Total/NA	Water	8260B	
885-12641-5	Trip Blank	Total/NA	Water	8260B	
MB 885-13755/6	Method Blank	Total/NA	Water	8260B	
STOBLK 885-13755/19	Method Blank	Total/NA	Water	8260B	
LCS 885-13755/5	Lab Control Sample	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 13143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	300.0	
885-12641-2	MW-2	Total/NA	Water	300.0	
885-12641-3	MW-3	Total/NA	Water	300.0	
885-12641-4	MW-4	Total/NA	Water	300.0	
MB 885-13143/4	Method Blank	Total/NA	Water	300.0	
MB 885-13143/62	Method Blank	Total/NA	Water	300.0	
LCS 885-13143/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-13143/63	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13143/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 13178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	300.0	
885-12641-2	MW-2	Total/NA	Water	300.0	
885-12641-3	MW-3	Total/NA	Water	300.0	
885-12641-4	MW-4	Total/NA	Water	300.0	
MB 885-13178/4	Method Blank	Total/NA	Water	300.0	
MB 885-13178/62	Method Blank	Total/NA	Water	300.0	
LCS 885-13178/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-13178/63	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13178/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 13235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	300.0	
885-12641-2	MW-2	Total/NA	Water	300.0	
885-12641-3	MW-3	Total/NA	Water	300.0	
885-12641-4	MW-4	Total/NA	Water	300.0	
MB 885-13235/19	Method Blank	Total/NA	Water	300.0	
MB 885-13235/45	Method Blank	Total/NA	Water	300.0	
LCS 885-13235/20	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-13235/46	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
885-12641-1	MW-1	Total/NA	Water	300.0	
885-12641-2	MW-2	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 885-12641-1

HPLC/IC (Continued)

Analysis Batch: 13575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-3	MW-3	Total/NA	Water	300.0	
885-12641-4	MW-4	Total/NA	Water	300.0	
885-12641-4	MW-4	Total/NA	Water	300.0	
MB 885-13575/30	Method Blank	Total/NA	Water	300.0	
MB 885-13575/4	Method Blank	Total/NA	Water	300.0	
LCS 885-13575/31	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-13575/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Filtration Batch: 13133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Dissolved	Water	Filtration	
885-12641-2	MW-2	Dissolved	Water	Filtration	
885-12641-3	MW-3	Dissolved	Water	Filtration	
885-12641-4	MW-4	Dissolved	Water	Filtration	
885-12641-1 MS	MW-1	Dissolved	Water	Filtration	
885-12641-1 MSD	MW-1	Dissolved	Water	Filtration	

Analysis Batch: 13232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Dissolved	Water	200.7 Rev 4.4	13133
885-12641-1	MW-1	Dissolved	Water	200.7 Rev 4.4	13133
885-12641-2	MW-2	Dissolved	Water	200.7 Rev 4.4	13133
885-12641-2	MW-2	Dissolved	Water	200.7 Rev 4.4	13133
885-12641-3	MW-3	Dissolved	Water	200.7 Rev 4.4	13133
885-12641-4	MW-4	Dissolved	Water	200.7 Rev 4.4	13133
MB 885-13232/40	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 885-13232/42	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LLCS 885-13232/41	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
MRL 885-13232/37	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
885-12641-1 MS	MW-1	Dissolved	Water	200.7 Rev 4.4	13133
885-12641-1 MSD	MW-1	Dissolved	Water	200.7 Rev 4.4	13133

Prep Batch: 13236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total Recoverable	Water	200.2	
885-12641-2	MW-2	Total Recoverable	Water	200.2	
885-12641-3	MW-3	Total Recoverable	Water	200.2	
885-12641-4	MW-4	Total Recoverable	Water	200.2	
MB 885-13236/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-13236/4-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCS 885-13236/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-13236/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-13236/3-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-13236/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Prep Batch: 13287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-13287/11-A	Lab Control Sample	Total/NA	Water	245.1	

QC Association Summary

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

Job ID: 885-12641-1

Metals

Prep Batch: 13291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	245.1	
885-12641-2	MW-2	Total/NA	Water	245.1	
885-12641-3	MW-3	Total/NA	Water	245.1	
885-12641-4	MW-4	Total/NA	Water	245.1	
MB 885-13291/1-A	Method Blank	Total/NA	Water	245.1	
LCS 885-13291/3-A	Lab Control Sample	Total/NA	Water	245.1	
LLCS 885-13291/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 13293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Dissolved	Water	200.8	13133
885-12641-2	MW-2	Dissolved	Water	200.8	13133
885-12641-3	MW-3	Dissolved	Water	200.8	13133
885-12641-4	MW-4	Dissolved	Water	200.8	13133
MB 885-13293/19	Method Blank	Total/NA	Water	200.8	
LCS 885-13293/20	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-13293/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-13293/9	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 13403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total Recoverable	Water	200.8	13236
885-12641-1	MW-1	Total Recoverable	Water	200.8	13236
885-12641-2	MW-2	Total Recoverable	Water	200.8	13236
885-12641-3	MW-3	Total Recoverable	Water	200.8	13236
885-12641-4	MW-4	Total Recoverable	Water	200.8	13236
MRL 885-13403/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-13403/12	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 13462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	245.1	13291
885-12641-2	MW-2	Total/NA	Water	245.1	13291
885-12641-3	MW-3	Total/NA	Water	245.1	13291
885-12641-4	MW-4	Total/NA	Water	245.1	13291
MB 885-13291/1-A	Method Blank	Total/NA	Water	245.1	13291
LCS 885-13291/3-A	Lab Control Sample	Total/NA	Water	245.1	13291
LLCS 885-13291/2-A	Lab Control Sample	Total/NA	Water	245.1	13291
MRL 885-13287/11-A	Lab Control Sample	Total/NA	Water	245.1	13287

Analysis Batch: 13463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-13236/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	13236
LCS 885-13236/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	13236
LLCS 885-13236/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	13236
MRL 885-13463/14	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 13464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	13236
885-12641-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	13236

QC Association Summary

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

Job ID: 885-12641-1

Metals (Continued)

Analysis Batch: 13464 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	13236
885-12641-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	13236
MRL 885-13464/26	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 13553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-13236/1-A	Method Blank	Total Recoverable	Water	200.8	13236
LCS 885-13236/4-A	Lab Control Sample	Total Recoverable	Water	200.8	13236
LLCS 885-13236/2-A	Lab Control Sample	Total Recoverable	Water	200.8	13236
LLCS 885-13236/3-A	Lab Control Sample	Total Recoverable	Water	200.8	13236

Analysis Batch: 13702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-4	MW-4	Total Recoverable	Water	200.8	13236
MRL 885-13702/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-13702/12	Lab Control Sample	Total/NA	Water	200.8	

General Chemistry

Analysis Batch: 13402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-12641-1	MW-1	Total/NA	Water	2540C	
885-12641-2	MW-2	Total/NA	Water	2540C	
885-12641-3	MW-3	Total/NA	Water	2540C	
885-12641-4	MW-4	Total/NA	Water	2540C	
MB 885-13402/1	Method Blank	Total/NA	Water	2540C	
LCS 885-13402/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

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

Job ID: 885-12641-1

Client Sample ID: MW-1

Date Collected: 09/25/24 10:04
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	13755	CM	EET ALB	10/06/24 20:48
Total/NA	Analysis	300.0		20	13143	RC	EET ALB	09/26/24 22:30
Total/NA	Analysis	300.0		20	13178	RC	EET ALB	09/26/24 22:30
Total/NA	Analysis	300.0		50	13235	RC	EET ALB	09/27/24 08:15
Total/NA	Analysis	300.0		2000	13575	JT	EET ALB	10/02/24 16:27
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.7 Rev 4.4		10	13232	VP	EET ALB	09/27/24 14:36
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.7 Rev 4.4		1	13232	VP	EET ALB	09/27/24 14:44
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.7 Rev 4.4		5	13464	JR	EET ALB	10/01/24 15:22
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.8		5	13293	ES	EET ALB	09/28/24 11:56
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.8		1	13403	ES	EET ALB	10/01/24 11:38
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.8		5	13403	ES	EET ALB	10/01/24 11:52
Total/NA	Prep	245.1			13291	JE	EET ALB	09/30/24 10:08
Total/NA	Analysis	245.1		1	13462	JR	EET ALB	10/01/24 15:52
Total/NA	Analysis	2540C		1	13402	KB	EET ALB	10/01/24 14:50

Client Sample ID: MW-2

Date Collected: 09/25/24 09:28
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	13755	CM	EET ALB	10/06/24 21:12
Total/NA	Analysis	300.0		1	13178	RC	EET ALB	09/26/24 22:46
Total/NA	Analysis	300.0		20	13143	RC	EET ALB	09/26/24 23:01
Total/NA	Analysis	300.0		50	13235	RC	EET ALB	09/27/24 08:28
Total/NA	Analysis	300.0		500	13575	JT	EET ALB	10/02/24 16:40
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.7 Rev 4.4		1	13232	VP	EET ALB	09/27/24 14:50
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.7 Rev 4.4		10	13232	VP	EET ALB	09/27/24 14:52
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.7 Rev 4.4		1	13464	JR	EET ALB	10/01/24 15:24
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.8		1	13293	ES	EET ALB	09/28/24 11:49
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.8		1	13403	ES	EET ALB	10/01/24 11:41
Total/NA	Prep	245.1			13291	JE	EET ALB	09/30/24 10:08
Total/NA	Analysis	245.1		1	13462	JR	EET ALB	10/01/24 15:54

Lab Chronicle

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

Job ID: 885-12641-1

Client Sample ID: MW-2
Date Collected: 09/25/24 09:28
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C		1	13402	KB	EET ALB	10/01/24 14:50

Client Sample ID: MW-3
Date Collected: 09/25/24 08:21
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	13755	CM	EET ALB	10/06/24 21:36
Total/NA	Analysis	300.0		1	13178	RC	EET ALB	09/26/24 23:16
Total/NA	Analysis	300.0		20	13143	RC	EET ALB	09/26/24 23:31
Total/NA	Analysis	300.0		50	13235	RC	EET ALB	09/27/24 08:40
Total/NA	Analysis	300.0		500	13575	JT	EET ALB	10/02/24 16:53
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.7 Rev 4.4		1	13232	VP	EET ALB	09/27/24 14:54
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.7 Rev 4.4		1	13464	JR	EET ALB	10/01/24 15:41
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.8		1	13293	ES	EET ALB	09/28/24 11:51
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.8		1	13403	ES	EET ALB	10/01/24 11:44
Total/NA	Prep	245.1			13291	JE	EET ALB	09/30/24 10:08
Total/NA	Analysis	245.1		1	13462	JR	EET ALB	10/01/24 15:57
Total/NA	Analysis	2540C		1	13402	KB	EET ALB	10/01/24 14:50

Client Sample ID: MW-4
Date Collected: 09/25/24 08:54
Date Received: 09/26/24 08:00

Lab Sample ID: 885-12641-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	13755	CM	EET ALB	10/06/24 22:01
Total/NA	Analysis	300.0		20	13143	RC	EET ALB	09/27/24 02:03
Total/NA	Analysis	300.0		20	13178	RC	EET ALB	09/27/24 02:03
Total/NA	Analysis	300.0		50	13235	RC	EET ALB	09/27/24 08:52
Total/NA	Analysis	300.0		100	13575	JT	EET ALB	10/02/24 17:06
Total/NA	Analysis	300.0		2000	13575	JT	EET ALB	10/02/24 17:19
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.7 Rev 4.4		1	13232	VP	EET ALB	09/27/24 14:58
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.7 Rev 4.4		5	13464	JR	EET ALB	10/01/24 15:46
Dissolved	Filtration	Filtration			13133	TC	EET ALB	09/26/24 17:26
Dissolved	Analysis	200.8		5	13293	ES	EET ALB	09/28/24 11:59
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.8		1	13403	ES	EET ALB	10/01/24 11:46

Lab Chronicle

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

Job ID: 885-12641-1

Client Sample ID: MW-4

Lab Sample ID: 885-12641-4
Matrix: Water
Date Collected: 09/25/24 08:54
Date Received: 09/26/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			13236	JE	EET ALB	09/28/24 11:19
Total Recoverable	Analysis	200.8		5	13702	ES	EET ALB	10/04/24 09:47
Total/NA	Prep	245.1			13291	JE	EET ALB	09/30/24 10:08
Total/NA	Analysis	245.1		1	13462	JR	EET ALB	10/01/24 15:59
Total/NA	Analysis	2540C		1	13402	KB	EET ALB	10/01/24 14:50

Client Sample ID: Trip Blank

Lab Sample ID: 885-12641-5
Matrix: Water
Date Collected: 09/25/24 00:00
Date Received: 09/26/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	13755	CM	EET ALB	10/06/24 22:25

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: 885-12641-1
Project/Site: Scripp 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: SCRIPP PIT

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF / J. MARTINEZ

On Ice: ☒ Yes ☐ No

# of Coolers: 1 XOG1

Cooler Temp(including CF): 1.9+0.3=2.2°C

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

885-12641 COC

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
9/25/24	1004	AQ	MW-1	*SEE NOTES	*SEE NOTES	1				X
9/25/24	0928	AQ	MW-2			2				
9/25/24	0821	AQ	MW-3			3				
9/25/24	0854	AQ	MW-4			4				
9/25/24	—	AQ	TRIP BLANK	2xMCLVOA	—	5				

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/25/24	1153				9/25/24	1153
9/25/24	1900		SM	CARRIER	9/26/24	0500

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

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.

Scripp Pit Analysis Request

- Arsenic
- Benzene
- Beryllium
- Boron
- Chloride
- Fluoride
- Manganese
- Mercury
- Nitrate*
- Nitrite*
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids
- Uranium

*Reported separately

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

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc Job Number: 885-12641-1

Login Number: 12641 **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").	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 5:08:39 PM

JOB DESCRIPTION

Scripps Pit

JOB NUMBER

885-16871-1

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
12/23/2024 5:08:39 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: Scripps Pit

Laboratory Job ID: 885-16871-1

Table of Contents

Definitions/Glossary

Client: Ranger Environmental Services, Inc Job ID: 885-16871-1
Project/Site: Scripps 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
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
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 Job ID: 885-16871-1
Project: Scripps Pit

Job ID: 885-16871-1 Eurofins Albuquerque

Job Narrative
885-16871-1

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 12/12/2024 7:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

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

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

Metals
Method 245.1: The continuing calibration verification (CCV) associated with batch 885-18127 recovered above the upper control limit for Mercury. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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-1 (885-16871-1) and MW-4 (885-16871-4). Reanalysis could not be performed due to holding time exceedance. Visual inspection by 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: Scripps Pit

Job ID: 885-16871-1

Client Sample ID: MW-1

Date Collected: 12/11/24 11:18
Date Received: 12/12/24 07:45

Lab Sample ID: 885-16871-1

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/18/24 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*12/18/24 06:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/18/24 06:55*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*12/18/24 06:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*12/18/24 06:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18000**		1000		mg/L			12/17/24 14:54	2000
Nitrate	**19**		1.0		mg/L			12/12/24 13:29	10
Fluoride	**4.3**		1.0		mg/L			12/12/24 13:29	10
Nitrite	ND		10		mg/L			12/12/24 13:42	100
Sulfate	**1600**		50		mg/L			12/12/24 13:42	100

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.020		mg/L		12/13/24 10:14	12/19/24 15:06	10
Boron	ND		0.40		mg/L		12/13/24 10:14	12/19/24 15:06	10
Manganese	ND		0.020		mg/L		12/13/24 10:14	12/19/24 15:06	10
Silver	**0.24**		0.050		mg/L		12/13/24 10:14	12/20/24 11:06	10

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		12/13/24 10:14	12/17/24 13:43	20
Selenium	**0.11**		0.020		mg/L		12/13/24 10:14	12/17/24 13:43	20
Uranium	**0.029**		0.010		mg/L		12/13/24 10:14	12/17/24 17:14	20

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.00020		mg/L		12/17/24 10:40	12/18/24 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**29000**	**E**	500		mg/L			12/18/24 10:27	1

Client Sample Results

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

Job ID: 885-16871-1

Client Sample ID: MW-2

Date Collected: 12/11/24 10:40
Date Received: 12/12/24 07:45

Lab Sample ID: 885-16871-2

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/18/24 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*12/18/24 07:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/18/24 07:22*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*12/18/24 07:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/18/24 07:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4900**		250		mg/L			12/17/24 15:27	500
Nitrate	**2.1**		1.0		mg/L			12/12/24 13:56	10
Fluoride	**2.7**		1.0		mg/L			12/12/24 13:56	10
Nitrite	ND		10		mg/L			12/12/24 14:10	100
Sulfate	**2500**		50		mg/L			12/12/24 14:10	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		12/13/24 10:14	12/17/24 16:14	5
Boron	**0.53**		0.20		mg/L		12/13/24 10:14	12/17/24 16:14	5
Manganese	ND		0.010		mg/L		12/13/24 10:14	12/17/24 16:14	5
Silver	**0.056**		0.050		mg/L		12/13/24 10:14	12/20/24 11:07	10

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/13/24 10:14	12/17/24 13:45	10
Selenium	**0.018**		0.010		mg/L		12/13/24 10:14	12/17/24 13:45	10
Uranium	**0.012**		0.0050		mg/L		12/13/24 10:14	12/17/24 17:16	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.00020		mg/L		12/17/24 10:40	12/18/24 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**11000**		500		mg/L			12/18/24 10:27	1

Client Sample Results

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

Job ID: 885-16871-1

Client Sample ID: MW-3

Date Collected: 12/11/24 09:17
Date Received: 12/12/24 07:45

Lab Sample ID: 885-16871-3

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/18/24 07:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*12/18/24 07:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/18/24 07:49*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*12/18/24 07:49*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*12/18/24 07:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5100**		250		mg/L			12/17/24 15:38	500
Nitrate	ND		1.0		mg/L			12/12/24 14:51	10
Fluoride	**2.9**		1.0		mg/L			12/12/24 14:51	10
Nitrite	ND		10		mg/L			12/12/24 15:04	100
Sulfate	**2300**		50		mg/L			12/12/24 15:04	100

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.020		mg/L		12/13/24 10:14	12/19/24 15:10	10
Boron	ND		0.40		mg/L		12/13/24 10:14	12/19/24 15:10	10
Manganese	**0.044**		0.020		mg/L		12/13/24 10:14	12/19/24 15:10	10
Silver	**0.054**		0.050		mg/L		12/13/24 10:14	12/20/24 11:09	10

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/13/24 10:14	12/17/24 13:48	10
Selenium	ND		0.010		mg/L		12/13/24 10:14	12/17/24 13:48	10
Uranium	**0.012**		0.0050		mg/L		12/13/24 10:14	12/17/24 17:18	10

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.00020		mg/L		12/17/24 10:40	12/18/24 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**11000**		500		mg/L			12/18/24 10:27	1

Client Sample Results

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

Job ID: 885-16871-1

Client Sample ID: MW-4

Date Collected: 12/11/24 09:57
Date Received: 12/12/24 07:45

Lab Sample ID: 885-16871-4

Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.1**		1.0		ug/L			12/18/24 08:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*12/18/24 08:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*12/18/24 08:16*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*12/18/24 08:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/18/24 08:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23000**		1000		mg/L			12/17/24 15:49	2000
Nitrate	**1.3**		1.0		mg/L			12/12/24 15:18	10
Fluoride	**3.7**		1.0		mg/L			12/12/24 15:18	10
Nitrite	ND		10		mg/L			12/12/24 15:32	100
Sulfate	**2900**		50		mg/L			12/12/24 15:32	100

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.020		mg/L		12/13/24 10:14	12/19/24 15:12	10
Boron	**1.2**		0.40		mg/L		12/13/24 10:14	12/19/24 15:12	10
Manganese	**0.14**		0.020		mg/L		12/13/24 10:14	12/19/24 15:12	10
Silver	**0.15**		0.050		mg/L		12/13/24 10:14	12/20/24 11:11	10

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		12/13/24 10:14	12/17/24 13:50	20
Selenium	ND		0.020		mg/L		12/13/24 10:14	12/17/24 13:50	20
Uranium	**0.017**		0.010		mg/L		12/13/24 10:14	12/17/24 17:21	20

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^+	0.00020		mg/L		12/17/24 10:40	12/18/24 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**37000**	**E**	500		mg/L			12/18/24 10:27	1

Client Sample Results

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

Job ID: 885-16871-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 885-16871-5

Date Collected: 12/11/24 00:00
Matrix: Water
Date Received: 12/12/24 07:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/18/24 08:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*12/18/24 08:43*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/18/24 08:43*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*12/18/24 08:43*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*12/18/24 08:43*	*1*

QC Sample Results

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

Job ID: 885-16871-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-17957/5
Matrix: Water
Analysis Batch: 17957

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			12/18/24 00:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*12/18/24 00:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*12/18/24 00:11*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*12/18/24 00:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/18/24 00:11*	*1*

Lab Sample ID: LCS 885-17957/4
Matrix: Water
Analysis Batch: 17957

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.1	20.0		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-17584/4
Matrix: Water
Analysis Batch: 17584

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			12/12/24 09:44	1
Fluoride	ND		0.10		mg/L			12/12/24 09:44	1
Sulfate	ND		0.50		mg/L			12/12/24 09:44	1

Lab Sample ID: LCS 885-17584/5
Matrix: Water
Analysis Batch: 17584

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	4.88		mg/L		98	90 - 110		
Fluoride			0.500	0.510		mg/L		102	90 - 110		
Sulfate			10.0	9.68		mg/L		97	90 - 110		

Lab Sample ID: MRL 885-17584/3
Matrix: Water
Analysis Batch: 17584

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	0.524		mg/L		105	50 - 150		
Fluoride			0.100	0.102		mg/L		102	50 - 150		
Sulfate			0.500	0.521		mg/L		104	50 - 150		

QC Sample Results

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

Job ID: 885-16871-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-17585/4
Matrix: Water
Analysis Batch: 17585

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			12/12/24 09:44	1
Nitrite	ND		0.10		mg/L			12/12/24 09:44	1

Lab Sample ID: LCS 885-17585/5
Matrix: Water
Analysis Batch: 17585

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	2.56		mg/L		103	90 - 110		
Nitrite			1.00	0.964		mg/L		96	90 - 110		

Lab Sample ID: MRL 885-17585/3
Matrix: Water
Analysis Batch: 17585

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			0.100	0.100		mg/L		100	50 - 150		

Lab Sample ID: MB 885-17893/4
Matrix: Water
Analysis Batch: 17893

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			12/17/24 09:14	1
Fluoride	ND		0.10		mg/L			12/17/24 09:14	1
Sulfate	ND		0.50		mg/L			12/17/24 09:14	1

Lab Sample ID: LCS 885-17893/5
Matrix: Water
Analysis Batch: 17893

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	0.503		mg/L		101	90 - 110		
Sulfate			10.0	9.51		mg/L		95	90 - 110		

Lab Sample ID: MRL 885-17893/3
Matrix: Water
Analysis Batch: 17893

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	0.515		mg/L		103	50 - 150		
Fluoride			0.100	0.0962	J	mg/L		96	50 - 150		
Sulfate			0.500	0.518		mg/L		104	50 - 150		

QC Sample Results

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

Job ID: 885-16871-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-18001/14
Matrix: Water
Analysis Batch: 18001

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	0.00221		mg/L		111	50 - 150
Boron	0.0400	0.0407		mg/L		102	50 - 150
Manganese	0.00200	0.00237		mg/L		118	50 - 150
Silver	0.00500	0.00549		mg/L		110	50 - 150

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
Boron	0.0400	0.0392	J	mg/L		98	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
Boron	0.0400	0.0378	J	mg/L		95	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 885-17729/1-A
Matrix: Water
Analysis Batch: 18001

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	mg/L		12/13/24 10:13	12/17/24 12:43	1
Boron	ND		0.040	mg/L		12/13/24 10:13	12/17/24 12:43	1
Manganese	ND		0.0020	mg/L		12/13/24 10:13	12/17/24 12:43	1
Silver	ND		0.0050	mg/L		12/13/24 10:13	12/17/24 12:43	1

Lab Sample ID: LCS 885-17729/6-A
Matrix: Water
Analysis Batch: 18001

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.500	0.534		mg/L		107	85 - 115
Boron	0.500	0.535		mg/L		107	85 - 115
Manganese	0.500	0.507		mg/L		101	85 - 115
Silver	0.100	0.0965		mg/L		96	85 - 115

Lab Sample ID: LLCS 885-17729/5-A
Matrix: Water
Analysis Batch: 18001

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00200	0.00196	J	mg/L		98	50 - 150

QC Sample Results

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

Job ID: 885-16871-1

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

Lab Sample ID: LLCS 885-17729/5-A
Matrix: Water
Analysis Batch: 18001

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.0400	0.0410		mg/L		103	50 - 150
Manganese	0.00200	0.00198	J	mg/L		99	50 - 150
Silver	0.00500	0.00527		mg/L		105	50 - 150

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MRL 885-17999/37
Matrix: Water
Analysis Batch: 17999

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	0.000929	J	mg/L		93	50 - 150
Uranium	0.000500	0.000486	J	mg/L		97	50 - 150

Lab Sample ID: MRL 885-17999/38
Matrix: Water
Analysis Batch: 17999

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	0.000491	J	mg/L		98	50 - 150

Lab Sample ID: MRL 885-18000/10
Matrix: Water
Analysis Batch: 18000

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	0.000512		mg/L		102	50 - 150

Lab Sample ID: MRL 885-18000/9
Matrix: Water
Analysis Batch: 18000

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	0.00117		mg/L		117	50 - 150
Uranium	0.000500	0.000499	J	mg/L		100	50 - 150

Lab Sample ID: MB 885-17729/1-A
Matrix: Water
Analysis Batch: 17999

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.00050	mg/L		12/13/24 10:13	12/17/24 12:07	1
Selenium	ND		0.0010	mg/L		12/13/24 10:13	12/17/24 12:07	1
Uranium	ND		0.00050	mg/L		12/13/24 10:13	12/17/24 12:07	1

QC Sample Results

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

Job ID: 885-16871-1

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

Lab Sample ID: LCS 885-17729/4-A
Matrix: Water
Analysis Batch: 17999

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0250	0.0239		mg/L		96	85 - 115
Selenium	0.0250	0.0228		mg/L		91	85 - 115
Uranium	0.0125	0.0125		mg/L		100	85 - 115

Lab Sample ID: LLCS 885-17729/2-A
Matrix: Water
Analysis Batch: 18000

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.00100	0.00108		mg/L		108	50 - 150
Uranium	0.000500	0.000499	J	mg/L		100	50 - 150

Lab Sample ID: LLCS 885-17729/3-A
Matrix: Water
Analysis Batch: 18000

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 17729

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000500	0.000591		mg/L		118	50 - 150

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MRL 885-17919/9-A
Matrix: Water
Analysis Batch: 18127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17919

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	0.000150	J	mg/L		100	50 - 150

Lab Sample ID: MB 885-17921/1-A
Matrix: Water
Analysis Batch: 18127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17921

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		12/17/24 10:39	12/18/24 09:50	1

Lab Sample ID: LCS 885-17921/3-A
Matrix: Water
Analysis Batch: 18127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00545		mg/L		109	85 - 115

Lab Sample ID: LLCS 885-17921/2-A
Matrix: Water
Analysis Batch: 18127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17921

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.000150	0.000146	J	mg/L		97	50 - 150

QC Sample Results

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

Job ID: 885-16871-1

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

Lab Sample ID: MB 885-18010/1
Matrix: Water
Analysis Batch: 18010

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 10:27	1

Lab Sample ID: LCS 885-18010/2
Matrix: Water
Analysis Batch: 18010

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: Scripps Pit

Job ID: 885-16871-1

GC/MS VOA

Analysis Batch: 17957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	8260B	
885-16871-2	MW-2	Total/NA	Water	8260B	
885-16871-3	MW-3	Total/NA	Water	8260B	
885-16871-4	MW-4	Total/NA	Water	8260B	
885-16871-5	TRIP BLANK	Total/NA	Water	8260B	
MB 885-17957/5	Method Blank	Total/NA	Water	8260B	
LCS 885-17957/4	Lab Control Sample	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 17584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	300.0	
885-16871-1	MW-1	Total/NA	Water	300.0	
885-16871-2	MW-2	Total/NA	Water	300.0	
885-16871-2	MW-2	Total/NA	Water	300.0	
885-16871-3	MW-3	Total/NA	Water	300.0	
885-16871-3	MW-3	Total/NA	Water	300.0	
885-16871-4	MW-4	Total/NA	Water	300.0	
885-16871-4	MW-4	Total/NA	Water	300.0	
MB 885-17584/4	Method Blank	Total/NA	Water	300.0	
LCS 885-17584/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-17584/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 17585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	300.0	
885-16871-1	MW-1	Total/NA	Water	300.0	
885-16871-2	MW-2	Total/NA	Water	300.0	
885-16871-2	MW-2	Total/NA	Water	300.0	
885-16871-3	MW-3	Total/NA	Water	300.0	
885-16871-3	MW-3	Total/NA	Water	300.0	
885-16871-4	MW-4	Total/NA	Water	300.0	
885-16871-4	MW-4	Total/NA	Water	300.0	
MB 885-17585/4	Method Blank	Total/NA	Water	300.0	
LCS 885-17585/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-17585/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 17893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	300.0	
885-16871-2	MW-2	Total/NA	Water	300.0	
885-16871-3	MW-3	Total/NA	Water	300.0	
885-16871-4	MW-4	Total/NA	Water	300.0	
MB 885-17893/4	Method Blank	Total/NA	Water	300.0	
LCS 885-17893/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-17893/3	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 885-16871-1

Metals

Prep Batch: 17729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total Recoverable	Water	200.2	
885-16871-2	MW-2	Total Recoverable	Water	200.2	
885-16871-3	MW-3	Total Recoverable	Water	200.2	
885-16871-4	MW-4	Total Recoverable	Water	200.2	
MB 885-17729/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-17729/4-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCS 885-17729/6-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-17729/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-17729/3-A	Lab Control Sample	Total Recoverable	Water	200.2	
LLCS 885-17729/5-A	Lab Control Sample	Total Recoverable	Water	200.2	

Prep Batch: 17919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-17919/9-A	Lab Control Sample	Total/NA	Water	245.1	

Prep Batch: 17921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	245.1	
885-16871-2	MW-2	Total/NA	Water	245.1	
885-16871-3	MW-3	Total/NA	Water	245.1	
885-16871-4	MW-4	Total/NA	Water	245.1	
MB 885-17921/1-A	Method Blank	Total/NA	Water	245.1	
LCS 885-17921/3-A	Lab Control Sample	Total/NA	Water	245.1	
LLCS 885-17921/2-A	Lab Control Sample	Total/NA	Water	245.1	

Analysis Batch: 17999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total Recoverable	Water	200.8	17729
885-16871-2	MW-2	Total Recoverable	Water	200.8	17729
885-16871-3	MW-3	Total Recoverable	Water	200.8	17729
885-16871-4	MW-4	Total Recoverable	Water	200.8	17729
MB 885-17729/1-A	Method Blank	Total Recoverable	Water	200.8	17729
LCS 885-17729/4-A	Lab Control Sample	Total Recoverable	Water	200.8	17729
MRL 885-17999/37	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-17999/38	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 18000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total Recoverable	Water	200.8	17729
885-16871-2	MW-2	Total Recoverable	Water	200.8	17729
885-16871-3	MW-3	Total Recoverable	Water	200.8	17729
885-16871-4	MW-4	Total Recoverable	Water	200.8	17729
LLCS 885-17729/2-A	Lab Control Sample	Total Recoverable	Water	200.8	17729
LLCS 885-17729/3-A	Lab Control Sample	Total Recoverable	Water	200.8	17729
MRL 885-18000/10	Lab Control Sample	Total/NA	Water	200.8	
MRL 885-18000/9	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 18001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	17729
MB 885-17729/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	17729

QC Association Summary

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

Job ID: 885-16871-1

Metals (Continued)

Analysis Batch: 18001 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-17729/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	17729
LLCS 885-17729/5-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	17729
MRL 885-18001/14	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 18127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	245.1	17921
885-16871-2	MW-2	Total/NA	Water	245.1	17921
885-16871-3	MW-3	Total/NA	Water	245.1	17921
885-16871-4	MW-4	Total/NA	Water	245.1	17921
MB 885-17921/1-A	Method Blank	Total/NA	Water	245.1	17921
LCS 885-17921/3-A	Lab Control Sample	Total/NA	Water	245.1	17921
LLCS 885-17921/2-A	Lab Control Sample	Total/NA	Water	245.1	17921
MRL 885-17919/9-A	Lab Control Sample	Total/NA	Water	245.1	17919

Analysis Batch: 18187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	17729
885-16871-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	17729
885-16871-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	17729
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
885-16871-1	MW-1	Total Recoverable	Water	200.7 Rev 4.4	17729
885-16871-2	MW-2	Total Recoverable	Water	200.7 Rev 4.4	17729
885-16871-3	MW-3	Total Recoverable	Water	200.7 Rev 4.4	17729
885-16871-4	MW-4	Total Recoverable	Water	200.7 Rev 4.4	17729
MRL 885-18278/13	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Analysis Batch: 18010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-16871-1	MW-1	Total/NA	Water	2540C	
885-16871-2	MW-2	Total/NA	Water	2540C	
885-16871-3	MW-3	Total/NA	Water	2540C	
885-16871-4	MW-4	Total/NA	Water	2540C	
MB 885-18010/1	Method Blank	Total/NA	Water	2540C	
LCS 885-18010/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

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

Job ID: 885-16871-1

Client Sample ID: MW-1

Lab Sample ID: 885-16871-1

Date Collected: 12/11/24 11:18
Date Received: 12/12/24 07:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	17957	JR	EET ALB	12/18/24 06:55
Total/NA	Analysis	300.0		2000	17893	RC	EET ALB	12/17/24 14:54
Total/NA	Analysis	300.0		10	17584	ES	EET ALB	12/12/24 13:29
Total/NA	Analysis	300.0		10	17585	ES	EET ALB	12/12/24 13:29
Total/NA	Analysis	300.0		100	17584	ES	EET ALB	12/12/24 13:42
Total/NA	Analysis	300.0		100	17585	ES	EET ALB	12/12/24 13:42
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18187	JR	EET ALB	12/19/24 15:06
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18278	JR	EET ALB	12/20/24 11:06
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		20	17999	BV	EET ALB	12/17/24 13:43
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		20	18000	BV	EET ALB	12/17/24 17:14
Total/NA	Prep	245.1			17921	JR	EET ALB	12/17/24 10:40
Total/NA	Analysis	245.1		1	18127	JR	EET ALB	12/18/24 11:58
Total/NA	Analysis	2540C		1	18010	KS	EET ALB	12/18/24 10:27

Client Sample ID: MW-2

Lab Sample ID: 885-16871-2

Date Collected: 12/11/24 10:40
Date Received: 12/12/24 07:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	17957	JR	EET ALB	12/18/24 07:22
Total/NA	Analysis	300.0		500	17893	RC	EET ALB	12/17/24 15:27
Total/NA	Analysis	300.0		10	17584	ES	EET ALB	12/12/24 13:56
Total/NA	Analysis	300.0		10	17585	ES	EET ALB	12/12/24 13:56
Total/NA	Analysis	300.0		100	17584	ES	EET ALB	12/12/24 14:10
Total/NA	Analysis	300.0		100	17585	ES	EET ALB	12/12/24 14:10
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		5	18001	JR	EET ALB	12/17/24 16:14
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18278	JR	EET ALB	12/20/24 11:07
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		10	17999	BV	EET ALB	12/17/24 13:45
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		10	18000	BV	EET ALB	12/17/24 17:16
Total/NA	Prep	245.1			17921	JR	EET ALB	12/17/24 10:40
Total/NA	Analysis	245.1		1	18127	JR	EET ALB	12/18/24 12:00
Total/NA	Analysis	2540C		1	18010	KS	EET ALB	12/18/24 10:27

Lab Chronicle

Client: Ranger Environmental Services, Inc
Job ID: 885-16871-1
Project/Site: Scripps Pit

Client Sample ID: MW-3
Lab Sample ID: 885-16871-3
Date Collected: 12/11/24 09:17
Matrix: Water
Date Received: 12/12/24 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	17957	JR	EET ALB	12/18/24 07:49
Total/NA	Analysis	300.0		500	17893	RC	EET ALB	12/17/24 15:38
Total/NA	Analysis	300.0		10	17584	ES	EET ALB	12/12/24 14:51
Total/NA	Analysis	300.0		10	17585	ES	EET ALB	12/12/24 14:51
Total/NA	Analysis	300.0		100	17584	ES	EET ALB	12/12/24 15:04
Total/NA	Analysis	300.0		100	17585	ES	EET ALB	12/12/24 15:04
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18187	JR	EET ALB	12/19/24 15:10
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18278	JR	EET ALB	12/20/24 11:09
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		10	17999	BV	EET ALB	12/17/24 13:48
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		10	18000	BV	EET ALB	12/17/24 17:18
Total/NA	Prep	245.1			17921	JR	EET ALB	12/17/24 10:40
Total/NA	Analysis	245.1		1	18127	JR	EET ALB	12/18/24 12:02
Total/NA	Analysis	2540C		1	18010	KS	EET ALB	12/18/24 10:27

Client Sample ID: MW-4
Lab Sample ID: 885-16871-4
Date Collected: 12/11/24 09:57
Matrix: Water
Date Received: 12/12/24 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	17957	JR	EET ALB	12/18/24 08:16
Total/NA	Analysis	300.0		2000	17893	RC	EET ALB	12/17/24 15:49
Total/NA	Analysis	300.0		10	17584	ES	EET ALB	12/12/24 15:18
Total/NA	Analysis	300.0		10	17585	ES	EET ALB	12/12/24 15:18
Total/NA	Analysis	300.0		100	17584	ES	EET ALB	12/12/24 15:32
Total/NA	Analysis	300.0		100	17585	ES	EET ALB	12/12/24 15:32
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18187	JR	EET ALB	12/19/24 15:12
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.7 Rev 4.4		10	18278	JR	EET ALB	12/20/24 11:11
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		20	17999	BV	EET ALB	12/17/24 13:50
Total Recoverable	Prep	200.2			17729	JE	EET ALB	12/13/24 10:14
Total Recoverable	Analysis	200.8		20	18000	BV	EET ALB	12/17/24 17:21
Total/NA	Prep	245.1			17921	JR	EET ALB	12/17/24 10:40
Total/NA	Analysis	245.1		1	18127	JR	EET ALB	12/18/24 12:05
Total/NA	Analysis	2540C		1	18010	KS	EET ALB	12/18/24 10:27

Lab Chronicle

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

Job ID: 885-16871-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 885-16871-5

Date Collected: 12/11/24 00:00

Matrix: Water

Date Received: 12/12/24 07:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	17957	JR	EET ALB	12/18/24 08:43

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: 885-16871-1
Project/Site: Scripps 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: Scripps PIT

Project #: 5375

Project Manager: W. Kierdorf

Sampler: W. KIERDORF

On Ice: ☐ Yes ☐ No

# of Coolers: 1 (Ice)

Cooler Temp(including CF): 0.3-0.1=0.2

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

885-16871 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
12/11/24	1118	AQ	MW-1	SEE NOTES	SEE NOTES	1				X
"	1040	"	MW-2	"	"	2				"
"	0917	"	MW-3	"	"	3				"
"	0957	"	MW-4	"	"	4				"
"	—	"	TRIP BLANK	2x MCL VOAs	MCL/ICE	5				"

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
12/11/24	1153				12/12/24	1153
12/11/24	1900			Courier	12/12/24	7:45

Remarks: Bill to EOG Attn Chase Setlle
BOTTLE SETS: 3x 40mL MCL VOAs, 1x 500mL PLASTIC UNPRESERVED & 1x 125mL 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.

Scripp Pit Analysis Request

- Arsenic
- Benzene
- Beryllium
- Boron
- Chloride
- Fluoride
- Manganese
- Mercury
- Nitrate*
- Nitrite*
- Selenium
- Silver
- Sulfate
- Total Dissolved Solids
- Uranium

*Reported separately

Login Sample Receipt Checklist

Client: Ranger Environmental Services, Inc Job Number: 885-16871-1

Login Number: 16871 **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	

ATTACHMENT 3 – NMOCD CORRESPONDENCE

Subject: Groundwater Sampling Notification NAUTOFAB000640

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
eog resources

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>
to Velez, Nelson, EMNRD, Buchanan, Michael, EMNRD, Chase Settle

Thu, Sep 12, 2:19 PM (23 hours ago)

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

Subject: Groundwater Sample Notice nAUTOFAB000640 (Scripps)

James Kennedy <James_Kennedy@eogresources.com> 3:34 PM (36 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	Scripps Pit
Location	M-26-18S-26E; Eddy County, NM
Incident ID	NAUTOFAB000640
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 Wednesday, 12/11/2024 @ 0800 4 samples NMOCD Mr. 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

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 446268
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	CY 2024 Annual groundwater monitoring report for the scripps pit is accepted for the record, App ID: 446268. Further delineation is planned for the site to step out and define TDS, Sulfate, metals, and BTEX, TPH in the groundwater plume. Contamination is from an old earthen, unlined pit. That app ID for reference is: 444862.	5/6/2025
michael.buchanan	Continue to conduct groundwater monitoring for the groundwater monitoring network on a quarterly schedule, as prescribed.	5/6/2025